Appendix 1
Survey Map and Metes and Bounds

American Cleaners Kingston
Ulster County, New York

Interim Remedial Measures Construction Completion Report:

Sub-Slab Vapor Extraction and
Bioremediation of Groundwater
NYSDEC Site Number: V-00601-3

August 29, 2019

SCHEDULE A

ALL that certain plot, piece or parcel of land, with the buildings and improvements thereon erected, situate, lying and being in the Town of Ulster, County of Ulster and State of New York, bounded and described as follows:

Beginning at an iron rod found on the easterly side of Route 9W (Albany Avenue) said point being the southwesterly corner of the lands N/F Louis N. Goldfarb and the northwesterly corner of the herein described parcel, thence along the lands of Goldfarb

S 67-51-00 E 195.36'

to an iron rod found in the westerly line of the West Shore Railroad, thence along the westerly line of said railroad

S 22-24-00 W 100.00'

to an iron rod set in the northeasterly corner of the lands N/F Krom, thence along said Krom lands

N 67-51-00 W 193.64'

to an iron rod set in the easterly line of Route 9W, thence along the easterly line of said road

N 21-24-00 E 100.00'

to the point and place of beginning.

Containing 0.446 acre.

Subject to utility grants of record.

DESCRIPTION OF LANDS OF
ULSTER 734 LLC
TOWN OF ULSTER, ULSTER COUNTY, NEW YORK

Beginning at a point on the Easterly side of Ulster Avenue, said point being at the Southwesterly corner of lands of Kingston Royal Properties LLC, Liber 5969 – Page 224, and running:

1) thence from said point of beginning, along the Southerly line of lands of Kingston Royal Properties LLC, South 80° 21' 03" East, 195.36 feet to a point on the Westerly line of lands of New York Central Lines LLC, Liber 3070 – Page 5;
2) thence along the Westerly line of lands of New York Central Lines LLC, South 9° 53' 57" West, 100.00 feet to a point at the Northeasterly corner of lands of William Helmer and Jobson George, Liber 1504 – Page 1122;
3) thence along the Northerly line of lands of Helmer and George, North 80° 21' 03" West, 193.64 feet to a recovered bar on the Easterly line of side of Ulster Avenue;
4) thence along the Easterly side of Ulster Avenue, North 8° 53' 57" East, 100.00 feet to the place of beginning.

CONTAINING: 0.446 Acre

All bearings are referred to Grid North.

The above–described premises are subject to any rights utility companies may have for overhead utility lines crossing said premises.

March 28, 2018

CHRISTOPHER J. ZELL, P.L.S.
BRINNIER and LARIOS, P.C.

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Unauthorized alteration or addition to a survey map bearing a licensed land surveyor's seal is a violation of Section 7209, Subdivision 2 of the New York State Education Law.

This map may not be used in connection with a "Survey Affidavit" or similar document, statement or mechanism to obtain title insurance for any subsequent owner or future grantees.

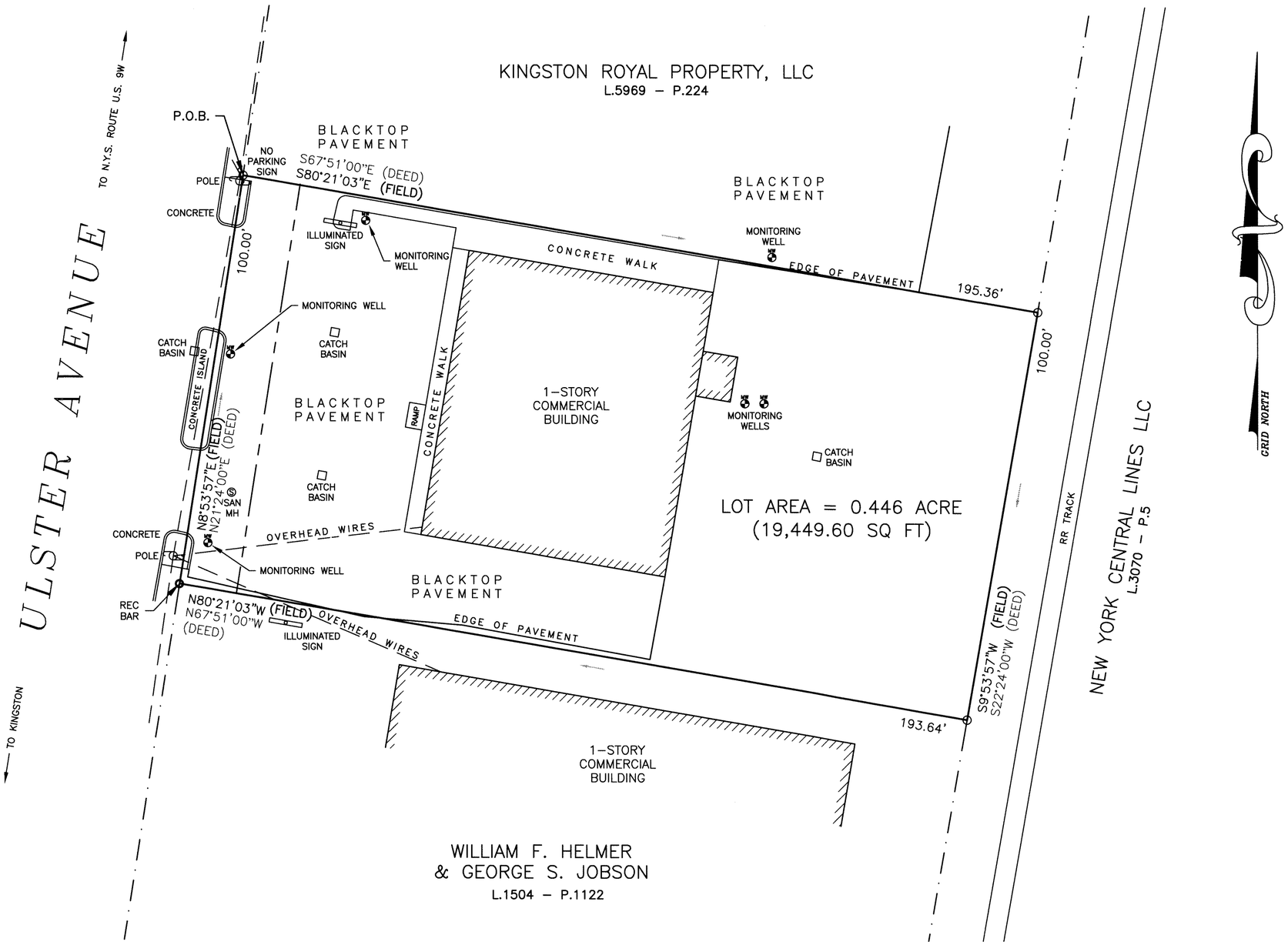
Only copies from the original of this survey marked with an original of the surveyor's seal shall be considered valid true copies.

The location of underground improvements or encroachments, if any exist or are shown hereon, are not certified.

Certifications indicated hereon signify that this survey was prepared in accordance with the existing Code of Practice for Land Surveyor's adopted by the New York State Association of Professional Land Surveyor's, Inc. Said certifications shall run only to the person for whom the survey is prepared and on his behalf to the title company, governmental agency and lending institution listed hereon and to the assignees of the lending institution. Certifications are not transferable to additional institutions or subsequent owners.

TAX MAP REFERENCE
Town of Ulster, Section No. 48.58
Block 6, Lot 17

DEED REFERENCE
Liber 6053 of Deeds at Page 31



GRAPHIC SCALE IN FEET

20 0 20

LICENSED LAND SURVEYOR
CHRISTOPHER J. ZELL
49629
STATE OF NEW YORK

BRINNIER & LARIOS, P. C.
67 MAIDEN LANE
KINGSTON, N.Y. 12401
(845) 338–7622
czell@blengineers.com

MAP

OF LANDS OF

ULSTER 734 LLC

722 ULSTER AVENUE

TOWN OF ULSTER ULSTER COUNTY NEW YORK

MARCH 23, 2018 SCALE: 1" = 20'

REVISED MARCH 28, 2018 TO REFLECT NYSDEC REQUIREMENTS

AJH

Appendix 2
Digital Copy of IRM CCR

American Cleaners Kingston
Ulster County, New York

Interim Remedial Measures Construction Completion Report:

Sub-Slab Vapor Extraction and
Bioremediation of Groundwater
NYSDEC Site Number: V-00601-3

August 29, 2019

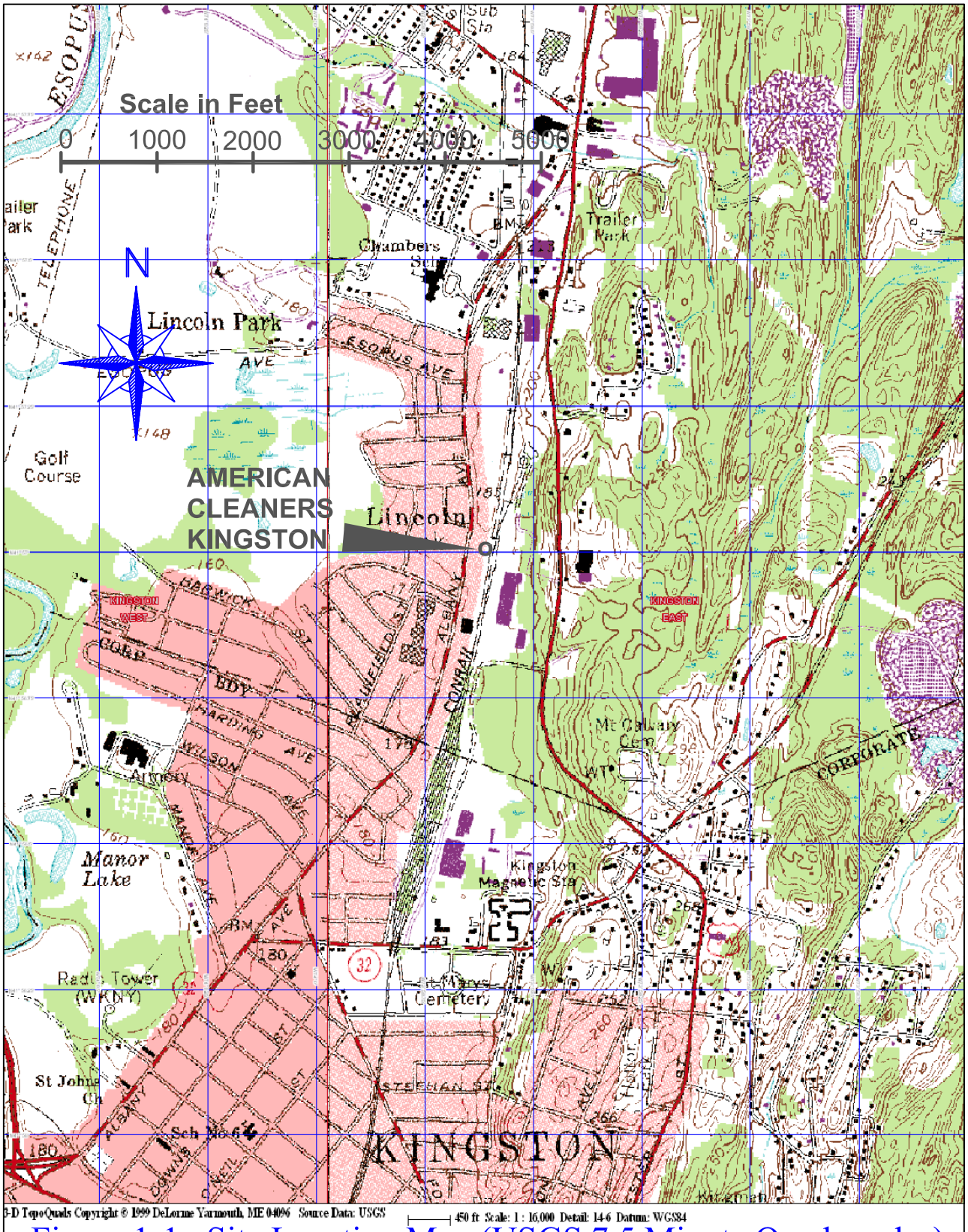


Figure 1-1, Site Location Map (USGS 7.5 Minute Quadrangles)

American Cleaners Inc, 734 Ulster Avenue, Kingston, NY

NYSDEC DER VCP Site V-00601-3 December 31, 2009

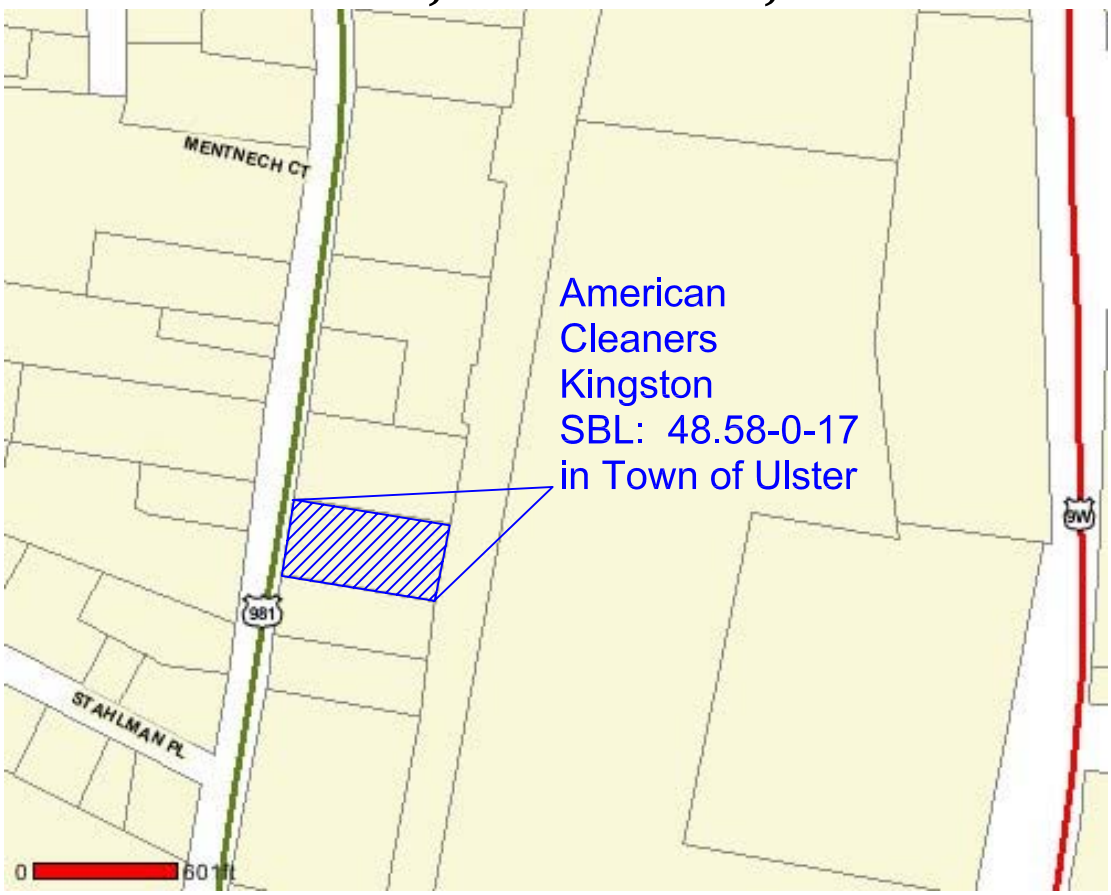
Mid-Hudson Geosciences

Katherine J. Beinkafner, PhD, CPG #6611

1003 Route 44/55, PO Box 332, Clintondale, NY 12515

(845) 883-5866 rockdoctor @ optonline.net

American Cleaners, 734 Ulster Av, T of Ulster

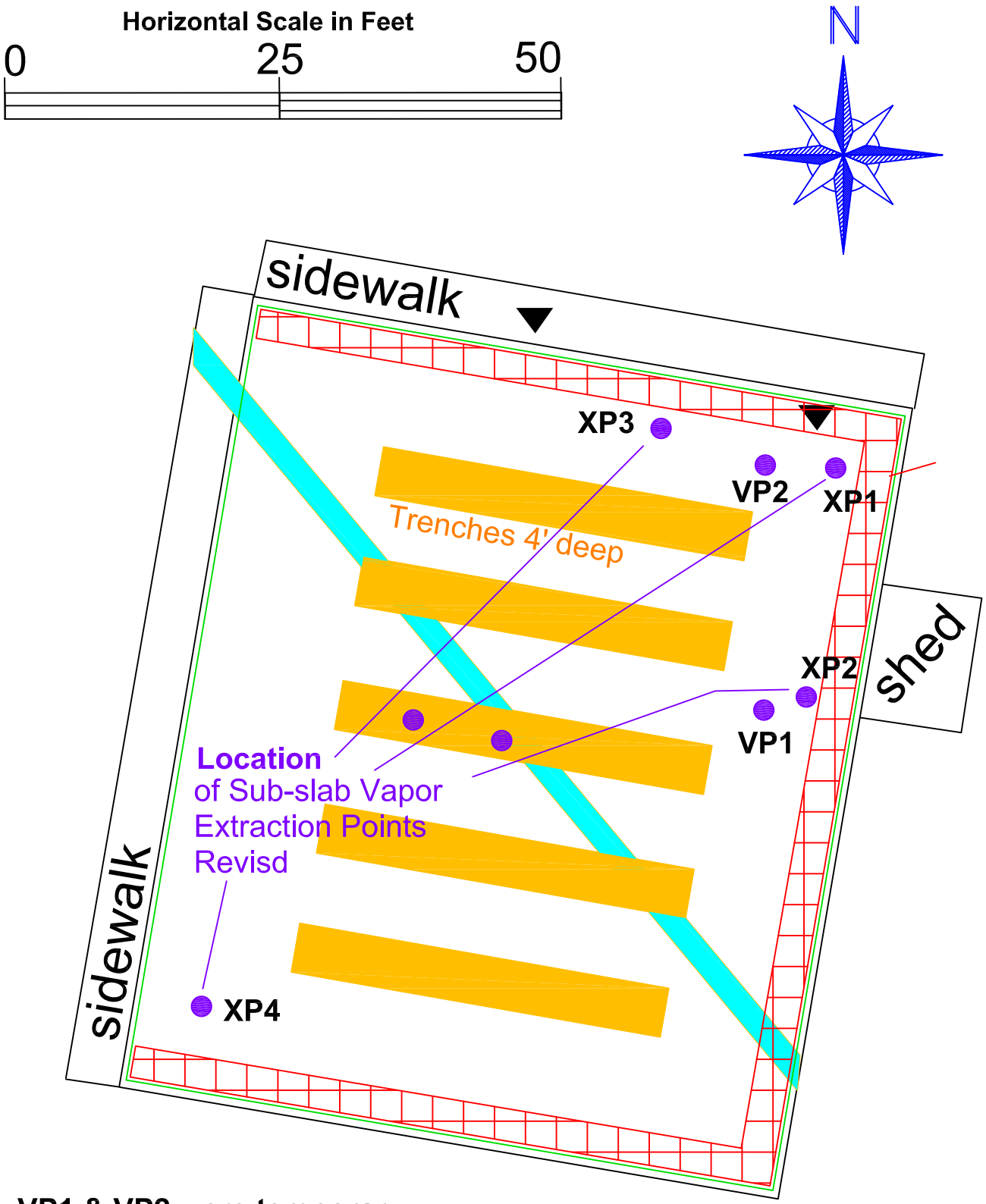






Ulster County Information Services 12/28/2009 12:26:53 PM

Figure 1-2. American Cleaners Kingston Tax Map Location



VP1 & VP2 were temporary vacuum measuring points

Figure 2A. Location of Vacuum and Sub-Slab Vapor Extraction Points on Site Plan of Building showing Features Constructed for Dry-Cleaning Operations
American Cleaners Inc, 734 Ulster Avenue, Kingston, NY
NYSDEC DER VCP Site V-00601-3 December 31, 2009
Revised November 2013

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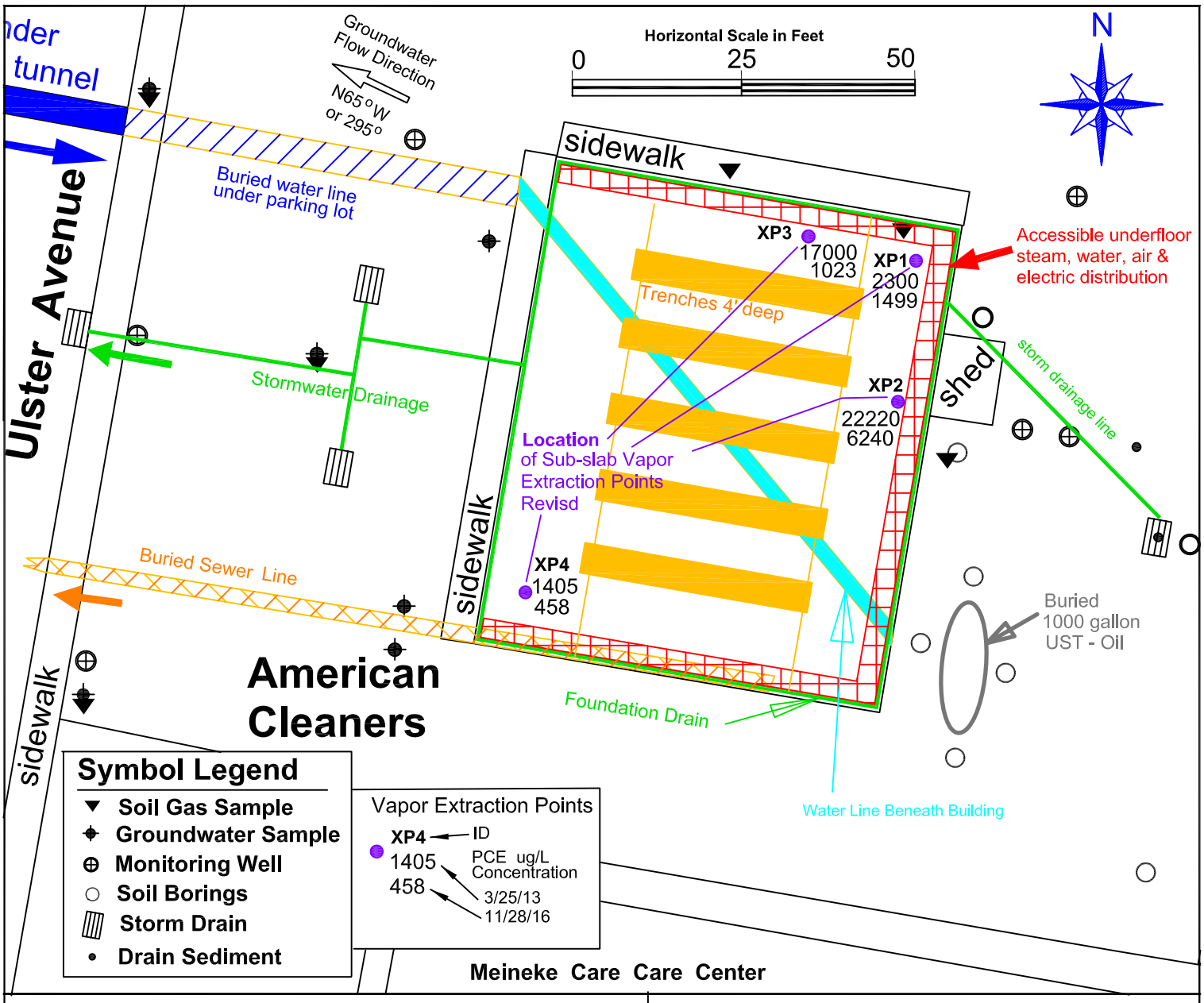


Figure 2B. Location of Sub-Slab Vapor Extraction Points with PCE concentrations in ug/L sampled in 2013 and 2016 on building site plan showing utilities and Features Constructed for Dry-Cleaning Operations

American Cleaners Inc, 734 Ulster Avenue, Kingston, NY
NYSDEC DER VCP Site V-00601-3 December 31, 2009
Revised November 2013 & August 2017

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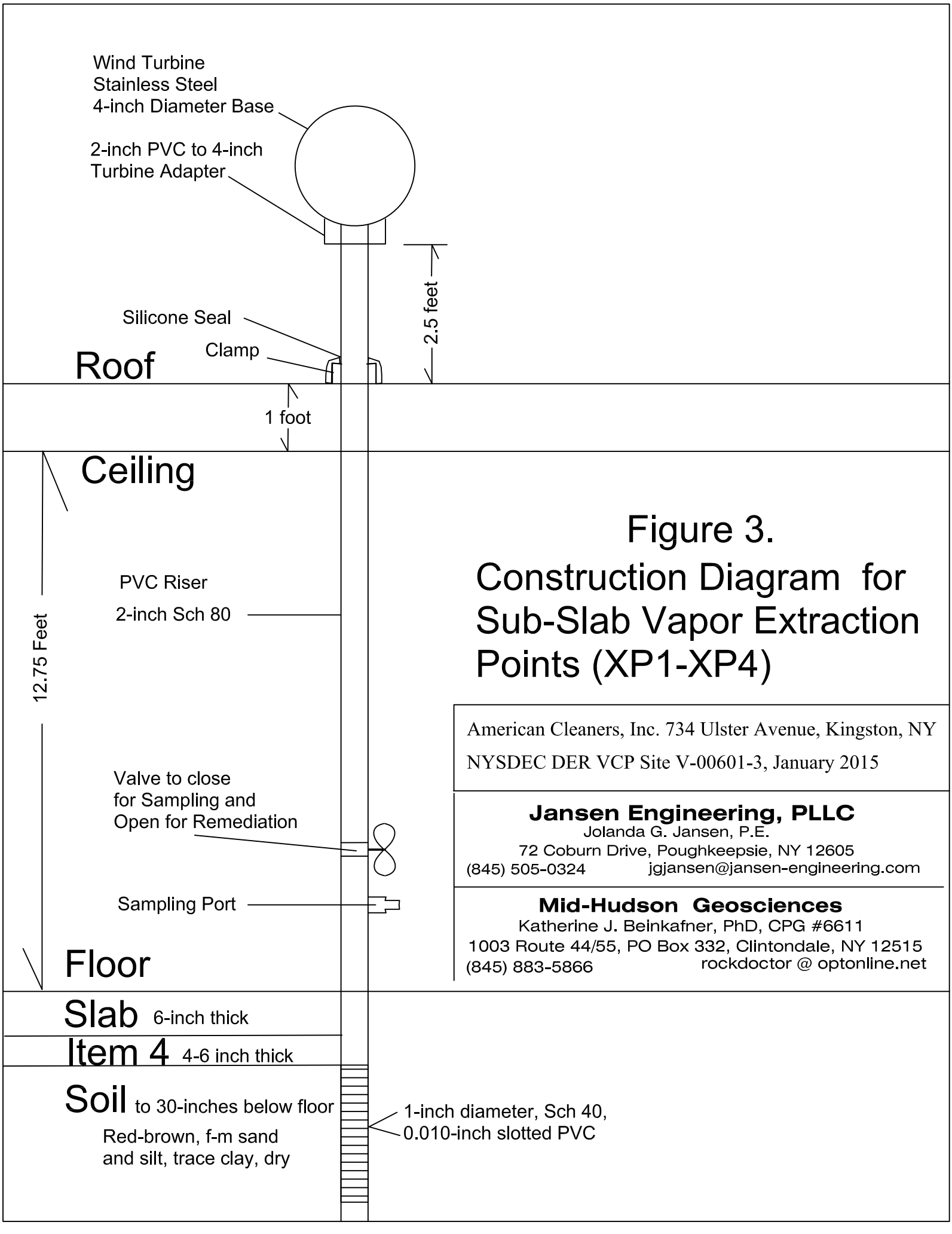


Figure 3. Construction Diagram for Sub-Slab Vapor Extraction Points (XP1-XP4)

American Cleaners, Inc. 734 Ulster Avenue, Kingston, NY

NYSDEC DER VCP Site V-00601-3, January 2015

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FIGURE 4

Calculation Sheet

Project: American Cleaners, Kingston
Sub-Slab Vapor Extraction System Design

Calculate: VOCs in pounds/hour to estimate contaminant Emissions to Atmosphere

using total VOCs from 4 Summa Canister Tests

From Table 3

XP1	2300 ug/m^3
XP2	22220
XP3	17181
XP4	1405
	43,106 ug/m^3 = $4.3 \cdot 10^{-5}$ kg/m^3

unit conversion check ✓

Test Duration = 4 hours

6 liters/hr = 24 liters/hr

≈ 6 gallons/hr

7.48 gal = 1 cuft ≈ 0.8 cuft/hr.

Unit conversion check ✓

- 2.2 pounds/Kg
- 1 cu meter × 35.5 cuft.
- 1 m^3 = cuft/35.3
- $4.3 \cdot 10^{-5}$ Kg/m^3 = $2.67 \cdot 10^{-6}$ lb/cuft

$4.3 \cdot 10^{-5}$ kg × $\frac{2.2 \text{ pounds}}{1 \text{ kg}}$ = $9.46 \cdot 10^{-5}$ pounds/m^3

$\frac{9.46 \cdot 10^{-5}}{35.3}$ = $2.67 \cdot 10^{-6}$ $\frac{\text{pounds}}{\text{hour}}$

LOAD = soundoff $3 \cdot 10^{-6}$ pounds per hour
= .000003 pounds per hour

emission limit = 0.5 pounds/hour
= 100,000 times estimated load

KJ Beiswenger
1/14/15

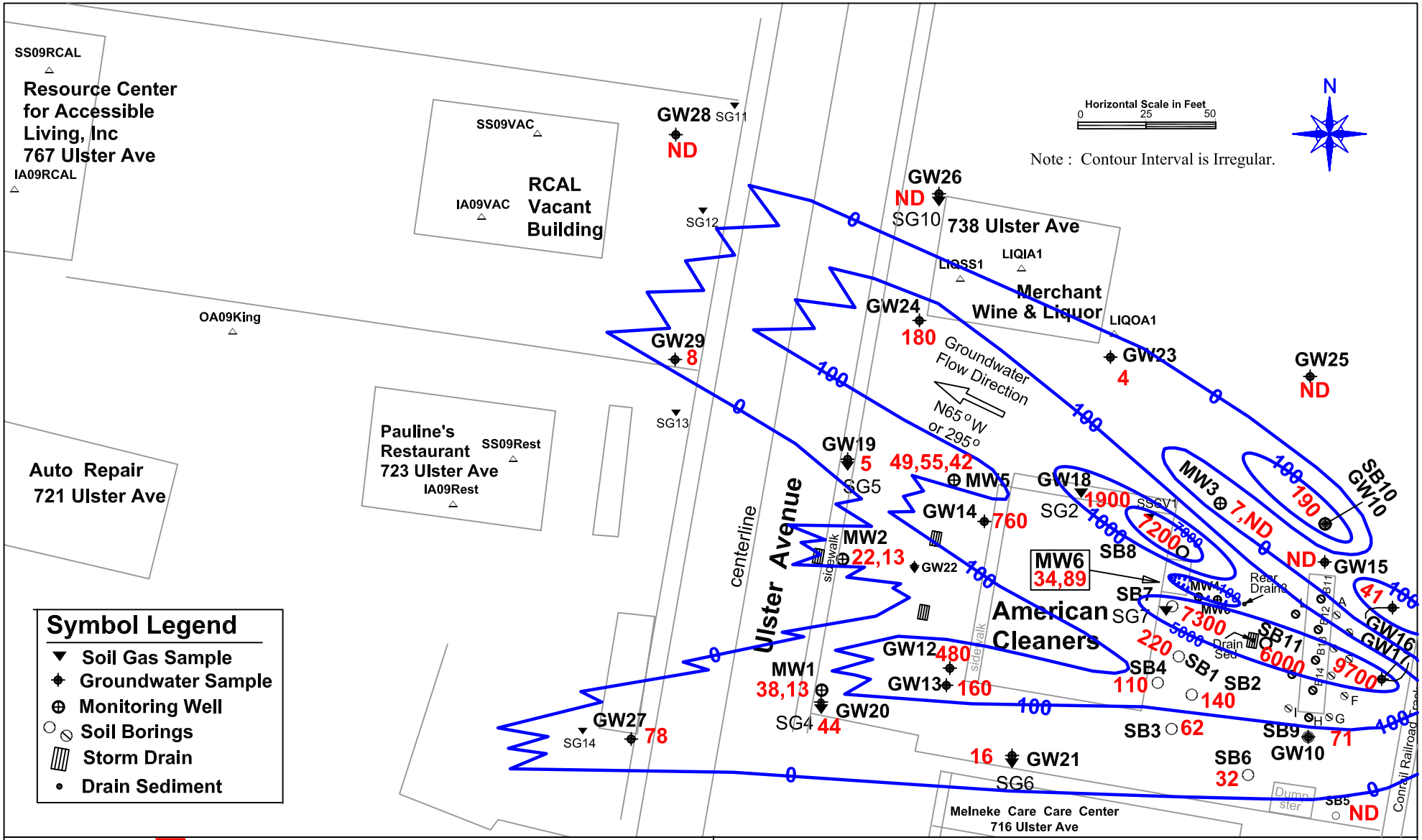


Figure 5 A Isopleth Map and PCE Concentrations (ug/L) Detectd in Groundwater between 9.5 and 16 feet below ground surface.
American Cleaners Inc, 734 Ulster Avenue, Kingston, NY
NYSDEC DER VCP Site V-00601-3 December 31, 2009

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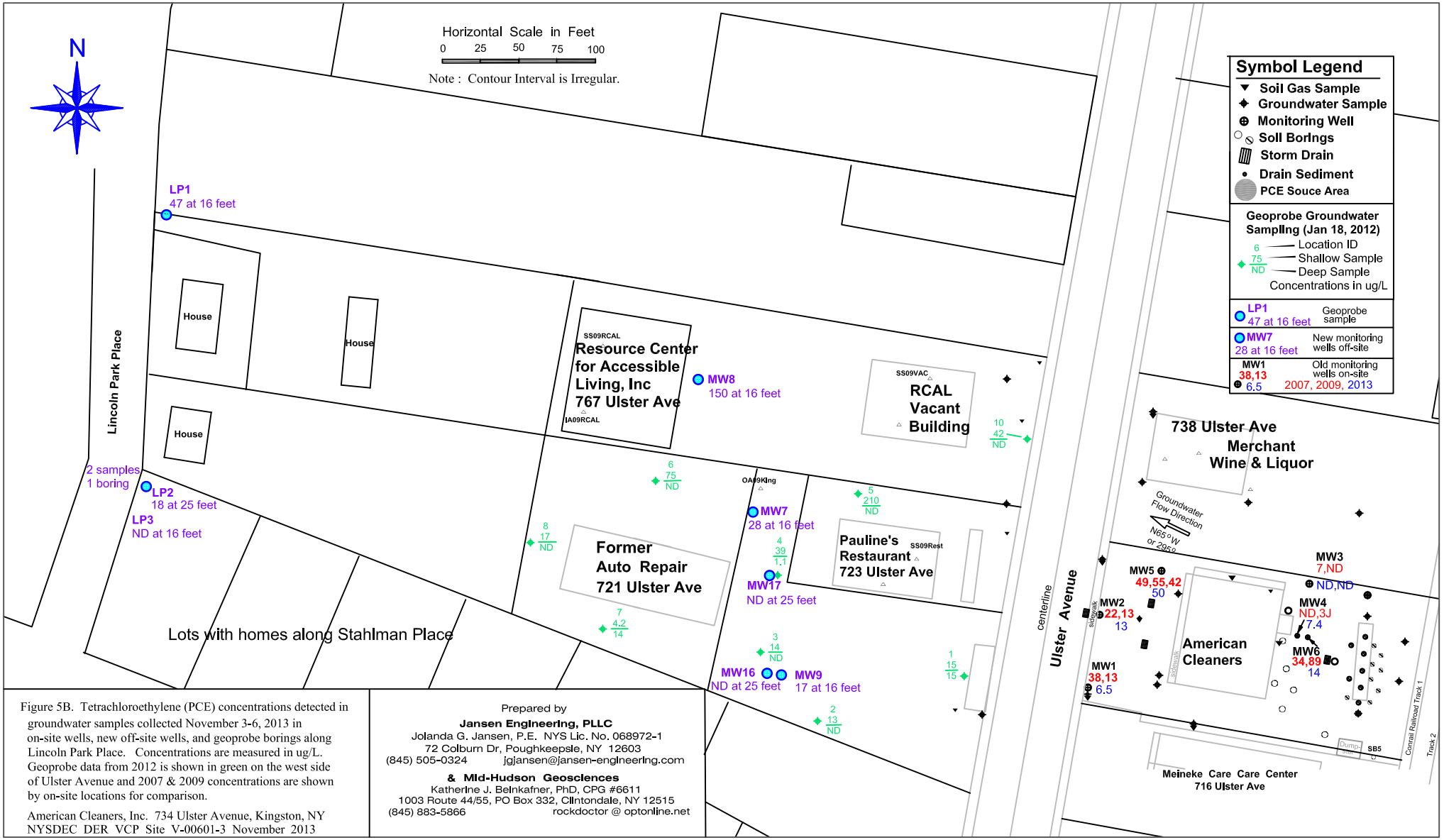
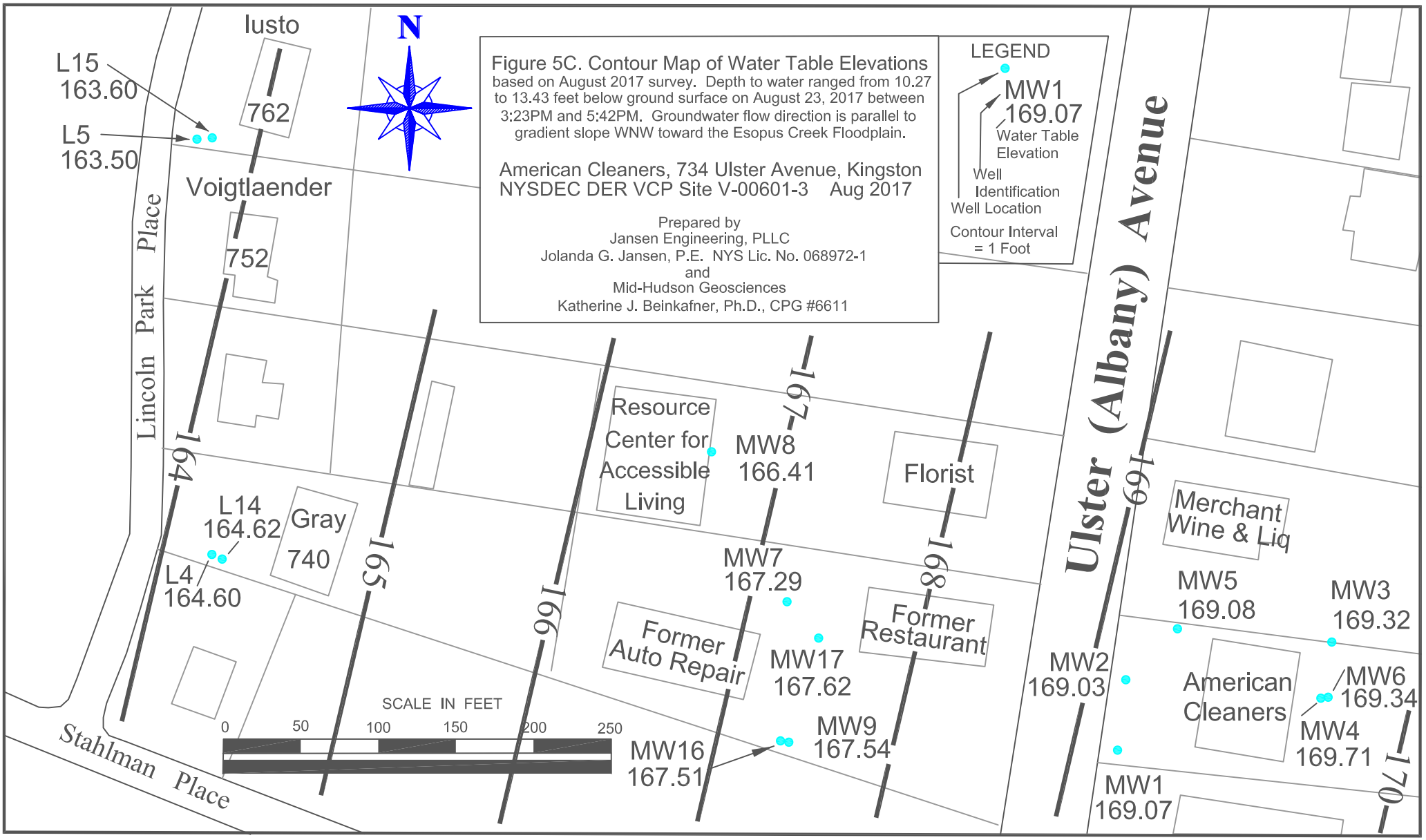


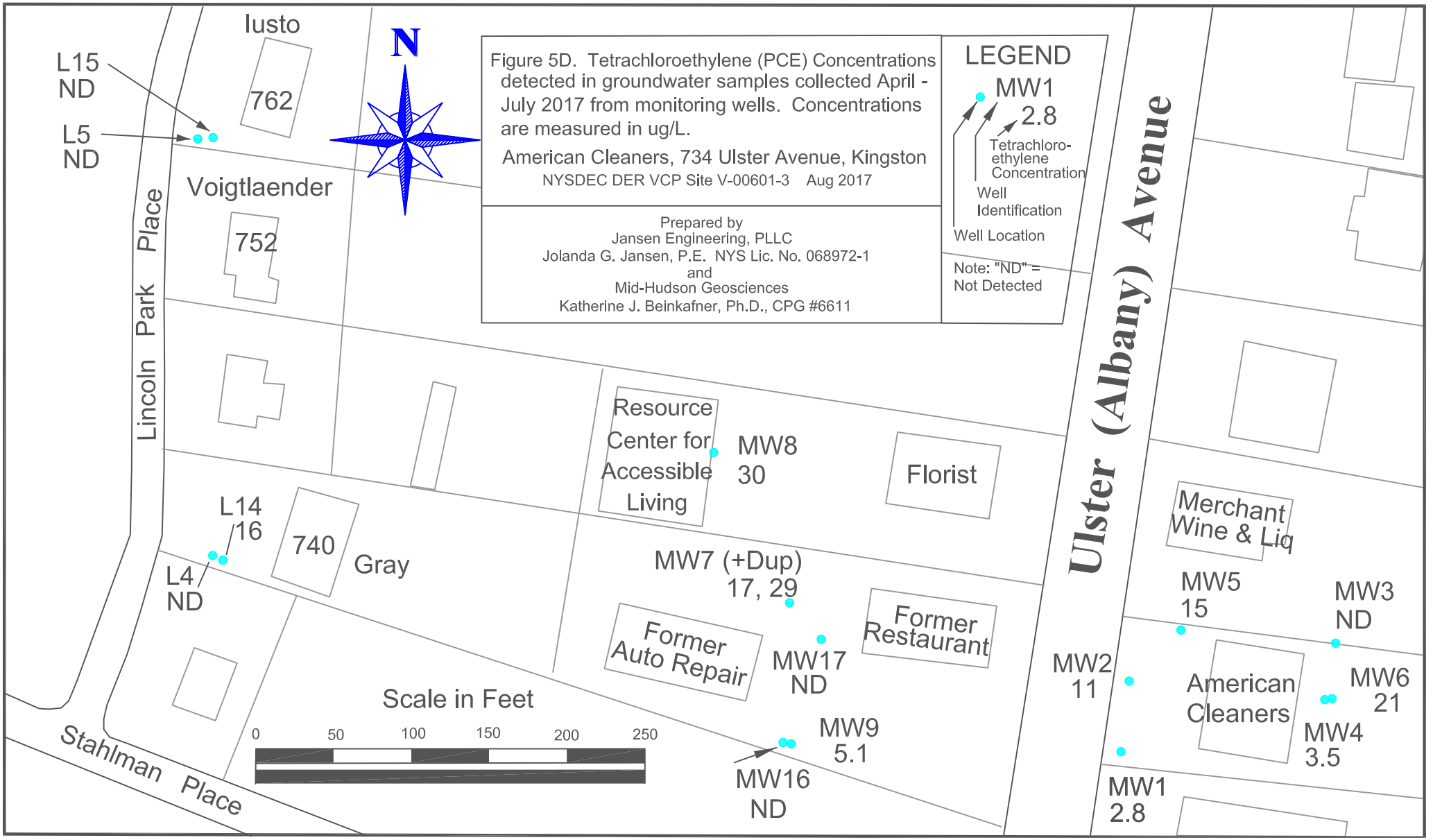
Figure 5B. Tetrachloroethylene (PCE) concentrations detected in groundwater samples collected November 3-6, 2013 in on-site wells, new off-site wells, and geoprobe borings along Lincoln Park Place. Concentrations are measured in ug/L. Geoprobe data from 2012 is shown in green on the west side of Ulster Avenue and 2007 & 2009 concentrations are shown by on-site locations for comparison.

American Cleaners, Inc. 734 Ulster Avenue, Kingston, NY
NYSDEC DER VCP Site V-00601-3 November 2013

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Figure 5C. Contour Map of Water Table Elevations
based on August 2017 survey. Depth to water ranged from 10.27 to 13.43 feet below ground surface on August 23, 2017 between 3:23PM and 5:42PM. Groundwater flow direction is parallel to gradient slope WNW toward the Esopus Creek Floodplain.
American Cleaners, 734 Ulster Avenue, Kingston
NYSDEC DER VCP Site V-00601-3 Aug 2017
Prepared by
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and
Mid-Hudson Geosciences
Katherine J. Beinkafner, Ph.D., CPG #6611
LEGEND
MW1
169.07
Water Table Elevation
Well Identification
Well Location
Contour Interval = 1 Foot
N
Iusto
762
Voigtlaender
752
Gray
740
Resource Center for Accessible Living
Florist
Former Auto Repair
Former Restaurant
Merchant Wine & Liq
American Cleaners
Lincoln Park Place
Stahlman Place
Ulster (Albany) Avenue
L15
163.60
L5
163.50
L14
164.62
L4
164.60
MW8
166.41
MW7
167.29
MW17
167.62
MW9
167.54
MW16
167.51
MW5
169.08
MW3
169.32
MW2
169.03
MW6
169.34
MW4
169.71
MW1
169.07
164
165
166
167
168
169
170
SCALE IN FEET
0
50
100
150
200
250


Figure 5D. Tetrachloroethylene (PCE) Concentrations detected in groundwater samples collected April - July 2017 from monitoring wells. Concentrations are measured in ug/L.
American Cleaners, 734 Ulster Avenue, Kingston
NYSDEC DER VCP Site V-00601-3 Aug 2017
Prepared by
Jansen Engineering, PLLC
Jolanda G. Jansen, P.E. NYS Lic. No. 068972-1
and
Mid-Hudson Geosciences
Katherine J. Beinkafner, Ph.D., CPG #6611
LEGEND
MW1
2.8
Tetrachloro-ethylene Concentration
Well Identification
Well Location
Note: "ND" = Not Detected
N
Iusto
762
Voigtlaender
752
740
Gray
Lincoln Park Place
Stahlman Place
Ulster (Albany) Avenue
L15
ND
L5
ND
L14
16
L4
ND
Resource Center for Accessible Living
MW8
30
Florist
MW7 (+Dup)
17, 29
Former Auto Repair
MW17
ND
Former Restaurant
MW9
5.1
MW16
ND
Merchant Wine & Liq
MW5
15
MW3
ND
MW2
11
American Cleaners
MW6
21
MW4
3.5
MW1
2.8
Scale in Feet
0
50
100
150
200
250

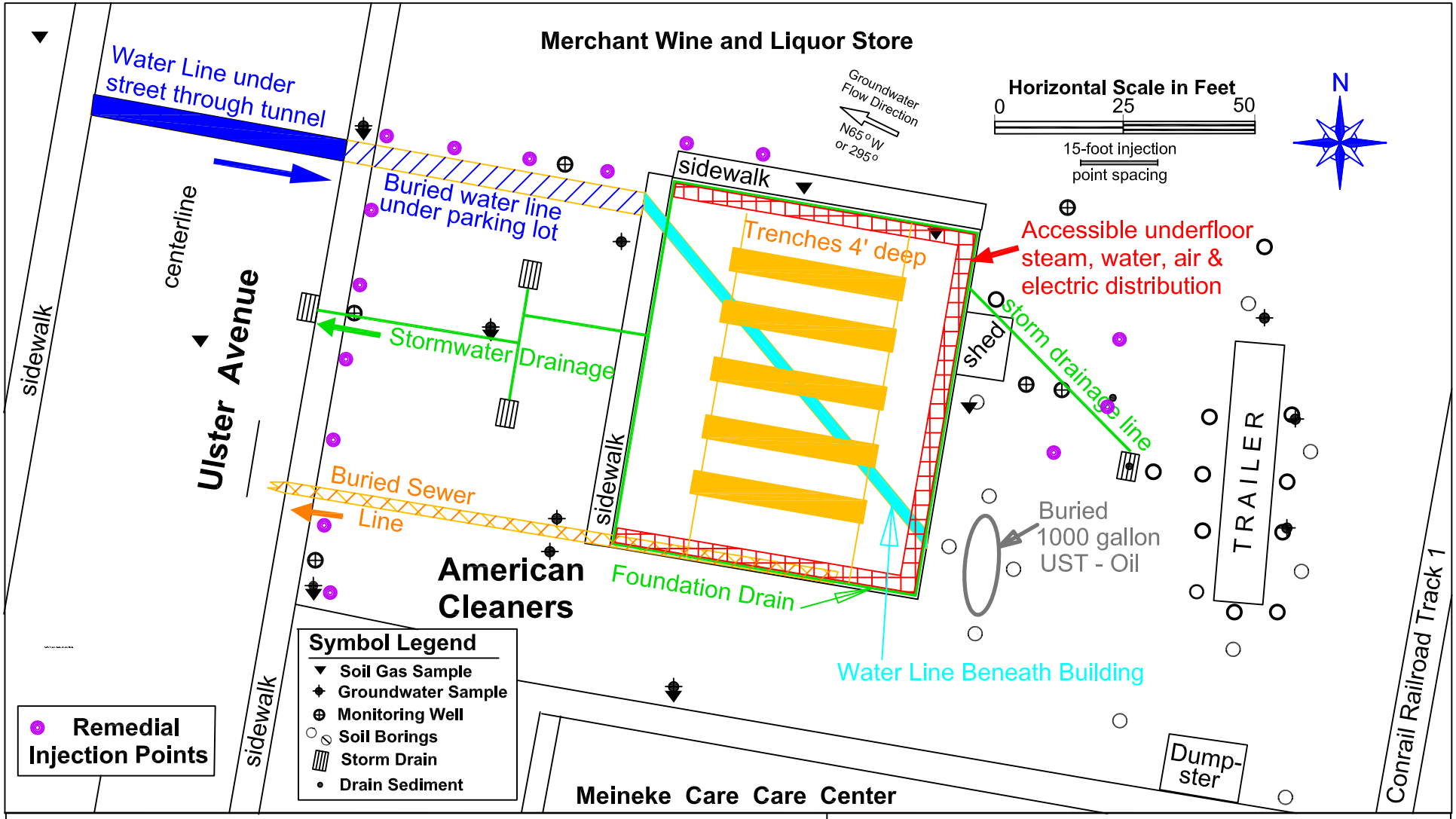


Figure 6. Site Plan showing proposed locations of remedial injection points with 15-foot spacing.
American Cleaners Inc, 734 Ulster Avenue, Kingston, NY
NYSDEC DER VCP Site V-00601-3 April 28, 2014

Prepared by
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& Mid-Hudson Geosciences
PO Box 332, Clintondale, NY 12515

Table 1
Sub-Slab Soil Sampling Laboratory Results
Units of Measurement µg/kg dry = parts per billiion (ppb)
American Cleaners, 734 Ulster Avenue, Kingston, NY
NYSDEC DER VCP Site: V-00601-3
Sampling Date: March 25, 2013
Laboratory Analysis by US EPA Method SW846-8260B for 8260 List
York Analytical Laboratories, Inc. 129 Research Drive, Stratford, CT 06615
Laboratory Report 13C0810 04/02/2013
Omitted Compounds were Not Detected (ND)
Sampling Conducted by Jansen Engineering, PLLC and Mid-Hudson Geosciences

	Sampling Points			
Analyte	XP1 Back Left Corner	XP2 Inside Back Door on Right side as entering	XP3 Left Back behind last Pressing Station	XP4 Right of Front Door behind Counter
Tetracholoethylene	7.2 J	ND	ND	9.9 J
Acetone	11 J,B	14 J,B	13 J,B	24 J,B

Notes:
ND = Not Detected at MDL
J = Detected below reporting limit (RL), but greater than Method Detection Limit (MDL)
Considered and estimated value
B =Analyte found in blank
Trip Blank contained Naphthalene (Moth Balls) @ 1.3 µg/kg J
Field Blank (Equipment Blank) all VOCs were ND

Table 2

Sub-Slab Soil Vapor Sampling Laboratory Results

All concentrations of Volatile Organic Compounds are measured in µg/$m^{3.}$

American Cleaners, 734 Ulster Avenue, Kingston, NY

NYSDEC DER VCP Site V-00601-3

Comparison of Sampling Dates: March 25, 2013 and November 28, 2016

Sample ID were different for the two sampling events

Laboratory Analysis by US EPA Method TO15 Full List for 6-Liter Summa Canisters

Helium was the Leak Detection Gas analyzed by GC/TCD ND @ 0.95% MDL Dilution 1.902

York Analytical Laboratories, Inc. 129 Research Drive, Stratford, CT 06615

Laboratory Reports: 13C0768 04/04/2013 and 16K1174 12/07/2016

Omitted Compounds were Not Detected (ND)

NA indicates that Helium was not used, nor analyzed in the 2016 sampling event.

Tentatively Identified Compounds were ND in all cases

Sampling Conducted by Jansen Engineering, PLLC and Mid-Hudson Geosciences

	Sampling Points							
	XP1 and NE Back Left Corner		XP2 and BD Inside Back Door on Right side as entering		XP3 and NW Left Back behind last Pressing Station		XP4 and WW Right of Front Door behind Counter	
Analyte	3/25/2013	11/28/2016	3/25/2013	11/28/2016	3/25/2013	11/28/2016	3/25/2013	11/28/2016
Tetracholoethylene	2300	1400	22,000	6,100	17000 .	990	1300	350
Helium	ND	NA	ND	NA	ND	NA	ND	NA
Trichloroethelene	ND	17	150	55	49	33	ND	ND
cis1,2-Dichloroethylene	ND	ND	29	32	ND	ND	ND	ND
Chloroform	ND	ND	27	10	ND	ND	ND	ND
Acetone	ND	18	14	11	69	ND	84	ND
Dichlorofluoromethane	ND	ND	ND	ND	ND	ND	21	14
2 Butanone	ND	16	ND	7.9	ND	ND	ND	11
Methyl Chloride	ND	14	ND	18	ND	ND	ND	ND
Tetrahydrofluran	ND	34	ND	18	ND	ND	ND	33
Total VOCs in µg/m3	2300	1499	22,250	6240	17,000	1023	1405	458
Percent Tetrachlorethylene Decline	35%		72%		94%		67%	

Table 4

Summary of Groundwater Sampling Laboratory Results

Years: 2013, 2015, 2017

Units of Measurement are µg/L or ppb

American Cleaners, 734 Ulster Avenue, Kingston, NY

NYSDEC DER VCP Site V-00601-3

Sampling Date: November 30 to December 4, 2015

Laboratory Analysis by US EPA Method SW846-8260B for 8260 List

York Anaytical Laboratories , Inc. 129 Research Drive, Stratford, CT 06615

Reports: 15L0069 12/9/15 and 15L0243 12/14/15

Omitted compounds were Not Detected (ND)

2017 York Sampling Reports: 17D0415 4/20/17, 17D0839 5/2/17, and 17G0906 8/1/17.

2017 Sampling Dates: 4/20/17, 5/2/17, and 7/25/17

Sampling Conducted by Jansen Engineering, PLLC and Mid-Hudson Geosciences

Spatial Distribution of PCE Concentrations are shown on two Maps, Figure 5B (2015), Figure 5C (2017)

Well	Total Depth	**PCE or PERC**			1,1,2TCE		1,2 DCE		Location
		Nov2013	Dec2015	**2017**	Nov2013	Dec2015	Nov2013	Dec2015	
On-site Monitoring Wells									
MW1	16.9	6.5	3.8 J	**2.8**	ND	ND	ND	ND	In front of AC, south along Street
MW2	16.4	13	ND	**11**	ND	ND	ND	11	Directly In front of AC, beside sidewalk opposite Storm Drain in street
MW5*	16.9	50	2.8	**15**	ND	ND	ND	ND	In front of AC, close to sign pole on North side
MW4	32.6	7.4	ND	**3.5**	ND	ND	ND	ND	Behind AC 41 inches out from SE corner of shed
MW3*	16.3	ND	ND	**ND**	ND	ND	ND	ND	Behind AC, about 10 feet northeast of NE corner of building
MW3 Dup*	16.3	ND	ND	--	ND	ND	ND	ND	Behind AC, about 10 feet northeast of NE corner of building
MW6	16.1	14	69	**21**	ND	ND	ND	ND	Behind AC, 8 feet out from SE corner of shed
West Side of Ulster/Albany Avenue									
MW9	16	17	7.5	**5.1**	ND	ND	ND	ND	About 38 feet southeast of Left front corner of Spa
MW16	25	ND	ND	**ND**	ND	ND	ND	ND	5 feet toward road from MW9
MW7	16	28	19	**17**	ND	ND	ND	ND	About 29 feet northeast of right front corner of Spa
MW7 Dup				**29**					
MW17	25	ND	ND	**ND**	ND	ND	ND	ND	Half way between Restaurant and Spa
MW8	16	150	86	**30**	5.1	ND	ND	ND	In front of RCAL back building, to left of front door
Geoprobe Samples along Lincoln Park Place					Not Available for Testing December 2015				
LP1	16	47	--	--	ND		ND		Between driveways close to Road, #752-#746
LP2	25	18	--	--	ND		ND		Near Stop Sign, #732 Lincoln Park Place
LP3	16	ND	--	--	ND		ND		Near Stop Sign, #732 Lincoln Park Place
New MWs installed on east side Lincoln Park Place					Not Available for Testing December 2015				
L4	14.81	--	--	**ND**					South side of driveway 740 LPP, closer to road
L14	22.82	--	--	**16**					South side of driveway 740 LPP, closer to garage
L5	14.55	--	--	ND					end of hedge between 752 & 762 LPP
L15	21.4			ND					north side of hedge about 6 feet back from L5
L15 Dup				ND					

Notes: from Nov 2013

Acetone detected in MW16 at 3.3 J µg/L and in Trip Blank at 2.6 µg/L.

Dup indicates duplicate sample

Sample from MW5 was labeled MW3 on chain of custody and laboratory report

Sample from MW3 was labeled MW5 on chain of custody and laboratory report

Sample from MW3 Dup was labeled MW5 Dup on chain of custody and laboratory report

All information here is the corrected and the same as Figure 5 map.

Note: Remedial Injection occurred in 2015

April injection of nutrients (see map of locations)

November injection of microbes (same locations)

"LPP" = Lincoln Park Place

Table 5: Design Parameters for Bioremediation with Bioaugmentation

Using Regenesis Products

At American Cleaners, Kingston, NY

Note: The variable amount of water for dilution of the 3DMicroemulsion will be determined emphirically in the field

Design Specifications

Injection Point Spacing	15 feet
Number of Injection Points	16
Top of Injection Interval (water table)	10 feet below surface
Bottom of Injection Interval	15 feet below surface
Vertical Treatment Interval	5 feet
Linear Footage of Geoprobe® Drilling	
For Injecton of Both Products	240 feet
For Separate Injection of 2 Products	480 feet

Product Quantities

3DMicroemulsion	1600 pounds in four 55 gallon drums, 400 pounds per drum
Bio-Dechlor Inoculum Plus	12 liters

Field Mixing / Injection Ratios

3DMicroemulsion		***Water***			***Product + Water***	
Per Injection Point	For 16 Total Points	Variable	Per Injection Point	For 16 Total Points	Per Point	For 16 Points
13 gallons (= 100 pounds)	208 gallons (= 1600 pounds)	For 10% solution	117 gallons	1872 gallons	130 gallons	2080 gallons
		For 1% solution	1287 gallons	20592 gallons	1300 gallons	20800 gallons
		Optimal For 2.5% solution	507 gallons	8112 gallons	520 gallons	8320 gallons
Bio-Dechlor Innoculum Plus						
Per Injection Point	For 16 Total Points		Per Injection Point	For 16 Total Points	Per Point	For 16 Points
0.75 liters (= 0.1875 gallons)	12 liters (= 3 gallons)	Re: Instructions	7.5 gallons	120 gallons	7.7 gallons	123.2 gallons

Table 6A

Record of Injection of Nutrients for Enhanced Bioremediation April 7-9, 2015 at
American Cleaners, 734 Ulster Ave, Kingston, NY 12401
NYS DEC DER Voluntary Cleanup Program Site V-00601-3
Mixing of Regenesis 3D Micro Emulsion and Water and Injection Volume
Pumping with GS-2000 (High Pressure) Pump was used except where formation could take
the volume of pumping with the submersible pump directly from mixture tank
In many cases the pump was changed during the injection into one point.
The depth is the level where the Geoprobe rods were open for injection measured below ground level.
Mixing occurred on a large tank on the back of a pickup truck so the fluid could be moved close to injection point.
Injection Work Conducted by Jansen Engineering, PLLC, Mid-Hudson Geosciences, and Todd K. Syska, Inc.

		Depth	Mixture			Pumping					
	Injection	Open	3-D Micro	Water	Injection	GS-2000 pump		Pumping	Submersible		
	Point	Interval	Emulsion	Added	Volume	High Pressure		Time	Pump		
Date	ID	Feet	gallons	gallons	gallons	On	Off	minutes	On	Off	Minutes
4/7/15	IP1	12-15	13	167	180	9:12AM	10:20AM	108			
	IP2	14-15.5	13	182	195	10:58AM	11:48AM	50			
	IP3	14-15.5	13	162	175	12:08PM	12:47PM	49			
	IP4	14-15,5	13	162	175	1:15PM	2:05PM	50			
	IP5	14-15.5	13	162	175	2:35PM	3:20PM	45			
4/8/15	IP6	14-15.5	13	177	190	8:05AM	8:30AM	25	8:30AM	8:48AM	18
	IP7	14-15.5	13	177	190	9:12AM	9:17AM	5	9:17AM	9:32AM	15
	IP8	14-15.5	13	177	190				10:07AM	10:30AM	27
	IP9	14-15.5	13	177	190	11:12AM	11:25AM	13	11:25AM	11:36AM	11
	IP10	14-15.5	13	177	190	1:10PM	2:10PM	60			
	1P11	14-15.5	13	177	190	1:35PM	1:47PM	12	1:47PM	2:00PM	13
4/9/15	IP12	14-15.5	13	177	190	8:50AM	9:02AM	12	9:34Am	9:48AM	14
	IP13	14-15.5	13	177	190	10:20AM	10:30AM	10	10:30AM	10:45AM	15
	IP14	14-15.5	19	177	190	11:23AM	11:35AM	13	11:35AM	11:48AM	13
	IP 15	14-15.5	20	177	190	12:34PM	12:40PM	6	12:40PM	12:57PM	17

Table 6B

Record of Injection of Microbes for Enhanced Bioremediation October 7-8, 2015 at
American Cleaners, 734 Ulster Ave, Kingston, NY 12401
NYS DEC DER Voluntary Cleanup Program Site V-00601-3
Mixing of Regenesis Bio-Dechlor Inocculum Plus, Water and Injection Volume
Pumping with GS-2000 (High Pressure) Pump was for each injection point
because the Inocculum could be mixed in the hopper of the pump.
The water for mixing was deoxygenated by dispersing nirtogen into a 55 gallon drum of water.
Oxygen level was measured in the tank using a YSI DO meter.
Water was local water supply from the Town of Ulster Water Department.
Water from the mixing drum was pumped with submersible pump through hose to pump hopper.
The depth is the level where the Geoprobe rods were open for injection measured below ground level.
Mixing occurred in the pump hopper after the pump was moved to the injection point.
Injection Work Conducted by Jansen Engineering, PLLC, Mid-Hudson Geosciences, and Todd K. Syska, Inc.

		Depth	Mixture			Injecting	
	Injection Point	Open Interval	Bio-Dechlor Inoculum Plus	Deoxygenated Water	Injection Volume	GS-2000 pump High Pressure	Pumping Time
Date	ID	Feet	liters	gallons	gallons	On	minutes
10/7/15	MIP1	14-15	0.75	7.5	<8	11:57AM	3
	MIP2	14-15	0.75	7.5	<8	12:30PM	3
	MIP3	14-15	0.75	7.5	<8	12:47PM	3
	MIP4	14-15	0.75	7.5	<8	1:17PM	3
	MIP5	14-15	0.75	7.5	<8	2:45PM	3
	MIP6	14-15	0.75	7.5	<8	3:05PM	3
	MIP7	14-15	0.75	7.5	<8	3:30PM	3
	MIP8	14-15	0.75	7.5	<8	3:47PM	3
	MIP9	14-15	0.75	7.5	<8	3:04PM	3
10/8/15	MIP10	14-15	0.75	7.5	<8	9:25AM	3
	M1P11	14-15	0.75	7.5	<8	9:40AM	3
	MIP12	14-15	0.75	7.5	<8	9:57AM	3
	MIP13	14-15	0.75	7.5	<8	11:20AM	3
	MIP14	14-15	1	7.5	<8	11:50AM	4
	MIP 15	14-15	1.5	7.5	<8	12:25PM	5

Table 7
Monitoring Well Coordinates and Elevations
Prepared by
Brinnier & Larios, P.C.
67 Maiden Lane, Kingston, NY 12401
August 14, 2017

					Aug 23,2017 PM	
					Water	Water
Well Number	Northing	Easting	Elevation	Type	Depth	Elev
1	1135512.59	629661.649	179.722	MW	10.65	169.072
2	1135558.29	629667.168	179.82	MW	10.79	169.03
3	1135581.95	629798.435	180.646	MW	11.32	169.326
4	1135546.46	629791.837	180.3	MW	10.59	169.71
5	1135590.68	629699.971	180.522	MW	11.44	169.082
6	1135546.46	629796.47	180.238	MW	10.89	169.348
7	1135607.9	629449.678	179.05	MW	11.76	167.29
8	1135704.52	629399.686	179.734	MW	13.32	166.414
9	1135517.89	629450.745	177.918	MW	10.37	167.548
16	1135518.48	629445.548	177.78	MW	10.27	167.51
17	1135584.73	629469.742	179.085	MW	11.46	167.625
Building Corner	1135573.44	629784.69	180.365	BLD		
Building Corner	1135583.47	629725.688	180.39	BLD		
Building Corner	1135514.62	629713.764	180.138	BLD		
Building Corner	1135504.57	629772.916	180.339	BLD		
L14	1135635.21	629087.164	177.161	MW	12.54	164.621
L15	1135904.99	629080.559	177.011	MW	13.41	163.601
L4	1135638.07	629080.767	177.028	MW	12.42	164.608
L5	1135904.24	629071.107	176.936	MW	13.43	163.506

American Cleaners Kingston
Ulster County, New York

Interim Remedial Measures Construction Completion Report:

Sub-Slab Soil Vapor Extraction and
Bioremediation of Groundwater
NYSDEC Site Number: V-00601-3

Prepared for:
Scanlon's American Cleaners Kingston

734, LLC

734 Ulster Avenue

Kingston, NY 12401

Prepared by:
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Poughkeepsie, NY 12603
(845) 505-0324
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Mid-Hudson Geosciences
1003 Route 44/55, PO Box 32
Clintondale, NY 12615-0032
(845) 883-5726

SEPTEMBER 2017

CERTIFICATIONS

I, Jolanda G. Jansen, am currently a registered professional engineer licensed by the State of New York, I had primary direct responsibility for implementation of the remedial program activities, and I certify that the Interim Remedial Measure Work Plan was implemented and that all construction activities were completed in substantial conformance with the Department-approved Interim Remedial Measure Work Plan.

I certify that all data generated in support of this report have been submitted in accordance with the Department's electronic data deliverable and have been accepted by the Department.

NYS Professional Engineer #	Date	Signature

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LIST OF ACRONYMS

AS	Air Sparging
ASP	Analytical Services Protocol
BCA	Brownfield Cleanup Agreement
BCP	Brownfield Cleanup Program
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CAMP	Community Air Monitoring Plan
C/D	Construction and Demolition
CFR	Code of Federal Regulation
CLP	Contract Laboratory Program
COC	Certificate of Completion
CO2	Carbon Dioxide
CP	Commissioner Policy
DER	Division of Environmental Remediation
EC	Engineering Control
ECL	Environmental Conservation Law
ELAP	Environmental Laboratory Approval Program
ERP	Environmental Restoration Program
EWP	Excavation Work Plan
GHG	Green House Gas
GWE&T	Groundwater Extraction and Treatment
HASP	Health and Safety Plan
IC	Institutional Control
IRM	Interim Remedial Measure(s)
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
NYCRR	New York Codes, Rules and Regulations
O&M	Operation and Maintenance
OM&M	Operation, Maintenance and Monitoring
OSHA	Occupational Safety and Health Administration
OU	Operable Unit
PID	Photoionization Detector
PRP	Potentially Responsible Party
PRR	Periodic Review Report
QA/QC	Quality Assurance/Quality Control
QAPP	Quality Assurance Project Plan
RAO	Remedial Action Objective
RAWP	Remedial Action Work Plan
RCRA	Resource Conservation and Recovery Act
RI/FS	Remedial Investigation/Feasibility Study
ROD	Record of Decision
RP	Remedial Party
RSO	Remedial System Optimization
SAC	State Assistance Contract

SCG	Standards, Criteria and Guidelines
SCO	Soil Cleanup Objective
SMP	Site Management Plan
SOP	Standard Operating Procedures
SOW	Statement of Work
SPDES	State Pollutant Discharge Elimination System
SSD	Sub-slab Depressurization
SVE	Soil Vapor Extraction
SVI	Soil Vapor Intrusion
TAL	Target Analyte List
TCL	Target Compound List
TCLP	Toxicity Characteristic Leachate Procedure
USEPA	United States Environmental Protection Agency
UST	Underground Storage Tank
VCA	Voluntary Cleanup Agreement
VCP	Voluntary Cleanup Program

CONSTRUCTION COMPLETION REPORT

1.0 BACKGROUND AND SITE DESCRIPTION

American Cleaners Kingston entered into a Voluntary Cleanup Agreement (VCA) with the New York State Department of Environmental Conservation (NYSDEC) in March 2003 to investigate and remediate a 0.44 acre property located in the City of Kingston in the County of Ulster, New York (Figure 1-1). The property will be remediated to commercial or industrial use, and will continue to be used for dry cleaning and laundry.

The site is located in the County of Ulster, New York and is identified as Section, Block and Lot 48.58-6-17 on the Ulster County Real Property Tax Map. The site is situated on an approximately 0.44 acre area bounded by Merchant Wine & Liquor Store to the north, Meineke Muffler to the south, CSX Railroad to the east, and Ulster Avenue also known as Albany Avenue to the west (Figure 1-2). The boundaries of the site are fully described in Appendix 1 : Survey Map, Metes and Bounds.

An electronic copy of this IRM CCR ~~FER~~ with all supporting documentation is included as Appendix 2 on the associated CD-ROM.

2.0 SUMMARY OF SITE REMEDY

2.1 REMEDIAL ACTION OBJECTIVES

Based on the results of the Remedial Investigation, the following Remedial Action Objectives (RAOs) were identified for this site.

2.1.1 Soil RAOs

RAOs for Public Health Protection

- Prevent ingestion/direct contact with contaminated soil.
- Prevent inhalation of, or exposure to, contaminants volatilizing from contaminated soil.

RAOs for Environmental Protection

- Prevent migration of contaminants that would result in groundwater or surface water contamination.

2.1.2 Groundwater RAOs

RAOs for Public Health Protection

- Prevent ingestion of groundwater containing contaminant levels exceeding drinking water standards.
- Prevent contact with, or inhalation of, volatiles emanating from contaminated groundwater.

RAOs for Environmental Protection

- Restore ground water aquifer, to the extent practicable, to pre-disposal/pre-release conditions.
- Prevent the discharge of contaminants to surface water.
- Remove the source of ground or surface water contamination.

2.2 DESCRIPTION OF SELECTED REMEDIES

For the two remedies, there were three specific mobilizations for construction activities: Installation of Sub-Slab Soil Vapor Extraction System, Subsurface Injection of Bio-nutrients in 15 points around the property with Geoprobe®, and Similar Injection of the Mirobes a few months later.

As proposed in IRMWP Section 4.1, the soil vapor remedy was implemented below the slab, within the building, and above the roof:

October 10, 2015 Installation of the Sub-Slab Soil Vapor Extraction System

As proposed in the IRMWP Section 4.2, the injection of the Regenesis bioremediation products occurred in two separate periods of injection.

April 6-10, 2015 Injection of 3-D Microemulsion (3DME^{TM})
October 6-8, 2015 Injection of Bio-Dechlor Inoculum (BDI Plus^{TM})

The bioremediation components cannot be mixed together and the nutrients were allowed to disperse in the groundwater aquifer prior to injection of the microbes. The injection points were marked on the ground at 15-foot spacing with spray paint. The Geoprobe® penetrated the ground in approximately the same locations for both series of injections.

The site was remediated in accordance with the remedy selected by the NYSDEC in ~~the~~ a letter of approval dated July 24, 2014 with some required modifications of the IRMWP submitted in June 2014.The factors considered during the selection of the remedy are those listed in 6NYCRR 375-1.8. The following are the components of the selected remedy:

1. Passive Sub-Slab Soil Vapor Extraction System consisting of installation of four extraction points, use of wind-driven turbines above the roof top, and sampling port for each point.

2. Bioremediation of PCE in groundwater by injection of nutrients followed by injection of microbes in locations around the northern and western site boundaries.

3. Execution and recording of an Environmental Easement to restrict land use and prevent future exposure to any contamination remaining at the site.

4. Development and implementation of a Site Management Plan for long term management of remaining contamination as required by the Environmental Easement, which includes plans for: (1) Institutional and Engineering Controls, (2) monitoring, (3) operation and maintenance and (4) reporting;

5. Periodic certification of the institutional and engineering controls listed above.

3.0 INTERIM REMEDIAL MEASURES, OPERABLE UNITS, AND REMEDIAL CONTRACTS

3.1 INTERIM REMEDIAL MEASURES

Both remedial actions reported in this document were conducted as Interim Remedial Measures. Specifically, remedial construction of the vapor extraction system is described in Section 4 and the ground water remedial measures are documented in Section 5. The field activities are shown and explained in the Project Photo Log (Appendix 5).

3.2 OPERABLE UNITS

There were no separate operable units defined for the remediation of the American Cleaners Kingston site.

3.3 REMEDIAL CONTRACTS: Contractors and Consultants

The following persons are consultants and contractors for the VCP at American Cleaners Kingston:

- Engineer of Record: Jolanda G. Jansen, P.E. Jansen Engineering, PLLC responsible for review of the design of remedation systems, implementing the remedial programs, and inspection of the completed construction and remedial tasks as defined in the IRM Work Plan.

- Project Manager: Katherine J. Beinkafner, Ph.D., CPG, Mid-Hudson Geosciences, responsible for planning. research, logistics, scheduling, resource coordination, drafting construction design plans, writing work plans and reports, coordination with NYS DEC and contractors.

• Todd Syska, Todd Syska Inc. materials aquisition and construction. Preparation and Geoprobe® injection of bioremediation fluids.

• York Analytical Laboratories, Inc. Delivery of sample containers and pickup of refrigerated samples, analysis of vapor, soil and water samples.

• Nancy Potak, Data Validation.

3.4 INTERIM REMEDIAL MEASURES WORK PLAN (June 5, 2014)

General Work Plan Elements

- Remedial Action Objectives for Soil Vapor and Groundwater
- QA/QC Plan
- Health & Safety Plan
- Community Air Monitoring Plan
- Remedial Implementation Schedule
- Site Remedial Action Consultants

Specific Work Plan Elements: Sub-Slab Vapor Extraction

- Pre-design investigation: Sub-Slab Soil & Vapor Sampling, Pilot Testing
- Basis of design: Passive or Active Vapor Extraction
- Design specifications: Materials required for Passive System
- Design drawings: Schematic Diagram of Planned Sub-Slab VES
- Calculation Sheet: VES Loading of VOC to atmosphere
- Design Issues: Schedule 40 or 80, blower or turbines

Specific Work Plan Elements: Groundwater Bioremediation

- Design investigation: Groundwater VOC Laboratory Sampling & Flow Direction
- Basis of design: Polishing of Low Levels of PCE Concentrations
- Design specifications: Regenesis Products: Nutrients & Microbes
- Design drawings: Map of Proposed 15 Injection Points on edge of AC Property
- Calculation Sheet: Porosity of Sand Aquifer with 15-foot Injection Spacing
- Design Issues: Quantities of Reagents and Mixtures and Timing of Injections

4.0 DESCRIPTION OF SOIL VAPOR REMEDIAL MEASURE

Remedial activities completed at the Site were conducted in accordance with the NYSDEC-approved Interim Remedial Measures Work Plan to Remediate Ground Water and Sub-Slab Soil Vapor for the American Cleaners Kingston site (June 2014). All deviations from the Interim Remedial Measures Work Plan are noted below.

4.1 REMEDIAL PROGRAM ELEMENTS

4.1.1 Site Preparation

The following activities were conducted for preparation of the site for installation of the Sub-Slab Soil Vapor Extraction System. A photo log of various site activities is included in Appendix 5.

- Prior to installation of the vapor extraction system, four vapor extraction points were drilled through the slab and 1-inch slotted PVC was installed in the hole with a PVC point on the bottom. They were used for the initial VOC testing conducted with Summa Canisters in March of 2013. Also soil samples were taken from each of the four vertical holes for VOC testing on the same day.

- Air flow testing was conducted around two vacuum testing points near the backdoor and near the location of XP3 near the north wall. It was determined that the fill material immediately below the concrete slab was not very permeable with respect to movement of gases or vapors. For that reason, use of a single-stage ring compressor for vapor extraction was not an effective option for vapor extraction. Hence, wind-blown turbines were chosen as a mechanism for extraction of the sub-slab vaoprs from each extraction point.

- Measurements from the floor to ceiling were made to purchase enough PVC pipe for the system. The system was designed with 2-inch schedule 80 PVC risers from the floor to the ceiling with the 2-inch PVC to a height of about 3 feet above the roof.

- Four-inch wind-driven metal turbines were planned for installation at the top of the PVC with an adapter from the 2-inch riser to the 4-inch riser.

- A shut off valve and sampling port were planned for each riser about 3 feet above the slab where the extraction point was driven to about 2 feet below the slab.

- Todd Syska prepared the list of construction materials and acquired them.

- Katherine Beinkafner acquired the turbines.

4.1.3 General Site Controls

• Since all the work was done inside the building or on the roof, we did not need site control for pedestrians or traffic. Access to the VES construction was through the backdoor or onto the roof with a ladder near the back door.

• Record keeping was accomplished by documenting significant happenings and visitors in the field notebook.

4.1.3 Nuisance controls and CAMP recordings were not required

4.1.4 Reporting

Daily reports were not a regular activity since most of the project team were present for the field work. In the event that our NYS DEC project manager Parag Amin was not present for the day's activities, an email was sent that evening to keep him up to date on project progress.

The digital photo log required by the IRMWP is included in electronic format in Appendix 5 complete with informative captions.

4.2 REMEDIAL CONSTRUCTION: INSTALLATION OF VAPOR EXTRACTION SYSTEM

The following **observations and conclusions** were included in the summary report (Dec. 2013):

● The chemical of concern Tetrachloroethylene was not detected in soil samples from XP2 and XP3. Very low estimated concentrations of 7.2J and 9.9J were detected in soil samples from XP1 and XP4, respectively. Comparison of these soil analyses and the following soil vapor analyses indicates that the majority of sub-slab VOCs is in the form of vapors and not attached to or associated with soil particles.

● As indicated by its presence in the trip blank, small concentrations of acetone detected in the soil samples are likely a lab contaminant.

4.2.3 Sub-Slab Soil Vapor Sampling: March 25, 2013

Sampling of vapors beneath the concrete slab inside the American Cleaners Kingston building was necessary to assess potential sub-slab contaminant conditions. The procedures and locations for installing four vapor extraction points were provided in the ***SI&SVEPTWP*** (Sep. 2012). The sub-slab vapor sampling event of March 25, 2013 was reported in the ***SRAC*** (Dec.

2013). Four vapor samples were collected using Summa canisters from the extraction point screened intervals including the sub-slab construction material and top of the natural sandy soil. The analyses by US EPA method TO15 full list of volatile organic compounds for 6-Liter Summa Canister are reported by York Analytical Laboratories in Report No: 13C0768, 04/04/2013. The four soil vapor extraction point locations are shown on Figure 2A and the analytical results are summarized in Table 1.

The following observations, conclusions and recommendation were included in the ***SRAC*** (Dec. 2013):

● Tetrachloroethylene was detected in all four vapor samples at concentrations ranging from 1300 to 22,000 μg/m3.

● Helium was injected into the bucket sealed to the floor around the extraction point to make sure that the gas in the sample was coming from below the slab. Helium gas was not detected in any of the 4 Summa canisters indicating that the samples came from beneath the slab.

● The presence of the VOC vapors beneath the slab and spotty VOC concentrations in soil samples from the same locations suggests that the vapors originate from the underlying groundwater and soil. The contaminants vaporize from the groundwater and soil, migrate upward, and are trapped under the building slab.

● The sample from XP2 by the back door also has measurable concentrations of Trichloroethylene and cis1,2-Dichloroethylene, which are both breakdown products of Tetrachloroethylene. The presence of these compounds indicates that some natural degradation of Tetrachloroethylene is occurring beneath the slab.

● Table 1 shows that the four soil vapor samples had PCE concentrations of 2300, 22,000, 12,000, and 1300 μg/m3, for XP1 to XP4, respectively. Comparison of Table 1 with Soil Vapor/Indoor Air Matrix 2 (Final NYSDOH CEH BEEI Soil Vapor Intrusion Guidance, 2006) indicates that mitigation is appropriate for all four locations because the PCE concentrations are greater than 1000 μg/m3 and the values of indoor air concentrations are essentially insignificant. For that reason, sub-slab vapor extraction pilot testing was recommended and conducted.

4.2.4 Sub-Slab Vapor Extraction Pilot Testing: August 5, 2013

The pilot study **procedure** consisted of 8 tests with Figure 2-1 showing locations of XP and VP Vacuum Measuring Points. Methods and results are summarized here.

● Tests 1 to 4 were determined to be invalid because the flow meter was discovered to not be working correctly on Test 5. It was quite likely the meter was not working correctly on the first 4 tests; consequently, those results were deemed invalid.

● To replace the flow meter, a manometer was constructed with water in a bucket and a tube connected to the suction line. The vacuum was measured in inches of water from the height of water in the tube from the water level in the bucket. The vacuum reading was converted to flow in standard cubic feet per minute (SCFM) using the performance curve of the regenerative blower.

● Test 5. A vacuum of 39 inches of water and air flow of 42 SCFM was maintained on XP4 for one hour. Sand grains were sucked from the natural sands in which the extraction point was seated under the slab, indicating that the vacuum field was limited in radius.

● A vapor pressure measuring point VP1 was drilled through the slab 5 feet across the floor and southwest of XP2.

● Test 6, when a vacuum of 40 inches of H_2O (39 SCFM) was applied to XP2, a small vacuum of 0.07 in H_2O was measured at VP1 at a distance of 5 feet to the southwest (Figure 2A).

● VP2 was drilled through the slab part way between XP1 and XP3 (Figure 2A).

● Test 7, when a vacuum of 43 inches of H_2O (27 SCFM) was applied to XP1, essentially no vacuum was detected at VP2 at a distance of 7 feet 2 inches toward XP3.

● Test 8, when a vacuum of 43 inches of H_2O (32 SCFM) was applied to XP3, a small vacuum of 0.04 inH2O was measured at VP2 at a distance of 8 feet 9 inches toward XP1.

The following **conclusions** were drawn from the vapor extraction pilot testing:

● The construction material beneath the concrete slab was observed to be a heterogeneous mixture of particle sizes.

● The pilot testing indicates that the material is well packed and has low permeability to vapors. The vacuum field drops off substantially within 5 feet of the extraction points with a 1-horsepower regenerative blower.

● The 1-horse power blower is a reasonable size to evacuate vapors from porous media under the slab of this size building. However, in the American Cleaners Kingston building, the sub-slab material is not very permeable with respect to gas or vapor.

● Increasing the horsepower of the regenerative blower is not likely to significantly increase the radius of the vacuum field because it varies with the inverse square of the distance.

● The slab creates a barrier to upward migration and flow of volatile gases; otherwise, they would not be trapped there.

● Because the slab presents a barrier to vertical movement of vapors and because within the loose, but packed material, vapor permeability is virtually below the practical limit of measurability; the slab should not be penetrated or compromised.

● Annual testing of volatile organic gases in the work environment has shown continuous compliance with NYSDEC regulations and operational standards for dry cleaning plants. That testing indicates that the air in the work environment is not considered injurious to the employees.

The following **remedial mitigation measure** was recommended based on the pilot testing:

● Because ventilation of the sub-slab with a regenerative blower is not feasible, the four extraction points, installed through the slab and sub-slab fill material into the natural sandy soil, are proposed as a passive means to remove vapors which make their way to the four points. Each of the extraction points were vented to and through the roof and capped with 4-inch wind-driven stainless steel turbines to facilitate release of vapors to the atmosphere.

4.2.5 Installation of Sub-Slab Soil Vapor Extraction Points

The four extraction points (XP1, XP2, XP3, XP4) were installed on March 25, 2013. Construction consisted of drilling a 2-inch diameter hole through the concrete slab and the layer of item 4 material below the slab. A Geoprobe® 1B sampler was driven through the item 4 material and into the underlying natural soils. The depth of penetration of the sampling device was approximately 30 inches below the floor surface. Approximately 20 inches of natural soil was penetrated as shown by recovered length of sediment in the sampler of 23.5, 23.5,23, and 18 inches, respectively. The sample included a few inches of Item 4 and the remainder of red-

brown, fine to medium sand and silt with trace of clay. A length of 18 inches of slotted screen was installed from approximately 10-inches below the surface of the concrete floor to sample vapors from within the natural soils below the slab. The 1-inch PVC riser sticks up about 1 foot above the floor in each of the four locations.

4.2.6 SVE System Installation

Two conceptual designs were considered to extend the PVC from each extraction point through the roof to the wind turbine. Four of the points could be piped to one central point and then through the ceiling and roof to one turbine. However, it was decided that piping each PVC extraction point directly upward and through the roof would be far more efficient and reduce friction of turns in the pipe. The method of construction is shown in the accompanying diagram (Figure 3). The risers from the floor up through the roof to the turbines were constructed of 2-inch diameter schedule 80 PVC. Schedule 80 is thicker and stronger than the original proposed Schedule 40. The smallest wind turbines available are four-inch diameter. An adapter was used to attach the 2-inch diameter PVC pipe on top of the roof to the 4-inch turbine opening. The connection was sealed with silicon. About three feet from the floor, a sampling port was installed for a 3/8 inch hollow brass fitting to attach to the Summa Canister used for sampling.

To allow sampling of the vapors from the soils screened in each point, a valve was installed above a sampling port to close off the flow to the atmosphere while sampling with a Summa Canister. The valve will be open most of the time to allow escape of vapors to the atmosphere as drawn up the riser by the wind turbine.

An estimate of the maximum potential loading of volatile organic compounds was made for the release to the air by the system. Based on the Summa Canister testing of March 25, 2013, the four volumes of reported VOCs for each of the extraction points (Table 1), resulting in a sum of 43,106 $\mu g/m^3$. The Summa Canister tests were run for about one hour each with the 6-liter canisters. A flow rate of 6 liters/hour is equivalent to about 6 gallons/hour and 0.8 cuft/hour. The calculation is shown on the attached calculation sheet (Figure 3) for VOC Atmospheric Loading. The estimate of the total emissions from the 4 sub-slab vapor extraction points is about 0.00003 pounds per hour or 3×10^{-6} pounds per hour. The emissions limit of 0.5 pounds/hour is about 100,000 times the estimated load.

4.2.7 SVE System Startup

The passive sub-slab soil vapor extraction system began working immediately after the wind-driven 4-inch turbines were installed on top of the risers about three feet above the roof (April 10, 2015). All four were spinning in the breeze after they were installed on top of the 2-inch schedule 80 PVC risers.

4.2.8 Deviation from Design

As mentioned above the one change made from the original design to final construction included use of 2-inch Schedule 80 PVC risers in place of Schedule 40. The other change involved using four separate risers from the sub-slab vapor extraction points making four locations above the roof where the turbines draw the vapors up the riser. The alternative would have been to duct all four together into one ring compresser where the vapor laiden air would be vented to the outside above the roof. The change from electric blower to wind-driven turbines was designed to work with a low permeability fill directly under the slab.

4.2.9 Sub-Slab Soil Vapor Monitoring Results (System Performance)

On Monday, November 28, 2016 samples were collected in Summa Canisters from the 4 sub-slab vapor extraction points which were installed in the March 2013. One canister was connected to each sampling port on each of the four risers constructed of schedule 80 2-inch PVC. The valve was closed in the PVC pipe to keep the soil vapor from going up the pipe and exiting above the roof. The pressures in the canister were recorded on the York Analytical Laboratory's Chain of Custody Form. The canisters were set up to collect vapors for one hour and the valves were closed and pressures recorded after one hour at each location. Following sample collection, the valves on the PVC risers were opened for the system to continue discharging soil vapors to the atmosphere.

The canisters were picked up by the lab on Tuesday, November 29, 2016. The resulting data is recorded on Table 1 showing a comparison of the original sampling of March 25, 2013 and that of November 28, 2016. The concentrations of Tetrachloroethylene declined by 39, 78, 94, and 73 percent respectively for the four extraction points originally labelled XP1, XP2, XP3, XP4. Trace amounts of some additional compounds were detected in the recent sampling event, possibly because higher concentrations of Tetrachloroethylene were masking them in the earlier event.

The total VOC concentrations of the **November 2016 end point sampling** is shown in Figure 4. Table 2 shows the VOCs detected in the soil gas sampling with Summa canisters on March 25, 2013 and November 11, 2016. The total VOCs have declined by 35, 72, 94, and 67 percent respectively in XP1 through XP4. Those declines in VOC concentrations have occurred between April 1, 2015 and November 29, 2016, a period of 19 months. If the rate of cleanup remains constant, the VOCs would decline to zero in 5 years. However, vapor decline is usually observed as asymptotic. The total vapor concentration gradually approaches a limit.

The lab report is included as Appendix 6. The B package has been obtained from the lab and was forwarded to the data evaluator. The Data Usability Summary Reports (DUSRs) are found in Appendix 7. Based on the DUSRs, all of the analyses are suitable for use in reporting sampling results to NYS DEC for regulatory compliance.

5.0 DESCRIPTION OF GROUNDWATER REMEDIAL MEASURE

5.1 REMEDIAL PROGRAM ELEMENTS

5.1.1 Site Preparation

- Marking the proposed injection locations on the ground with spray paint for first injection (nutrients) and metal stakes for second injection (microbes).
- Utility markout
- Order Materials from Regenesis for timely receipt
- Schedule Todd Syska, select equipment for mixing injection fluids, plan for two pumping alternatives and other Geoprobe® accessories for site work.
- Verify on-site water connection and electrical receptacles

5.1.2 General Site Controls

- The bioremediation activities occurred outdoors. Beginning in the backyard, gave us some isolation from the traffic and general public to perfect our movements and actions before working on the north side of the building and the front sidewalk with more traffic. Both automobiles and pedestrians were moving along the edge of project work zones.

Reflective Orange Traffic Cones and Yellow Hazard Zone Warning Tape were used to mark out the work area and warn traffic. Reflective vests were worn.

- Record keeping was accomplished by writing significant happenings and visitors in the field notebook.
- Equipment used for the bioremedial injection was not contaminated with a toxic or deleterious substance. All equipment was rinsed with water which was poured on the ground or into the storm drains on site. There was no waste requiring special handling or disposal.

5.1.3 Nuisance controls and CAMP recordings were not required

5.1.4 Reporting

Daily reports were not a regular activity since most of the project team were present for the field work. In the event that our NYS DEC project manager, Parag Amin. was not present for the day's activities, an email was sent that evening to keep him up to date on project progress.

The digital photo log required by the IRMWP is included in electronic format in Appendix 5 complete with informative captions.

5.2 REMEDIAL CONSTRUCTION: ENHANCED BIOREMEDIATION

5.2.1 Summary of Groundwater Contamination

Groundwater contamination at the site originated from spills on the ground surface near the dumpster from disposal of cartridges of spent Tetrachloroethylene (PCE). Two other spills occurred within the back of the building and probably contributed to groundwater contamination. The sandy soils of the site allowed the VOC to infiltrate down to the top of the water table at approximately 10 feet below ground surface. Groundwater contamination has been shown to be confined to the approximate interval from 10 to 25 feet. PCE was not detected in deeper samples. The PCE plume has been traced with groundwater direction to the west northwest with low concentrations of PCE at less than 20 µg/L at Lincoln Park Place. Groundwater flow is toward the Esopus Creek Floodplain west of Lincoln Park Place.

5.2.2 Groundwater Sampling for VOCs

Historical groundwater sampling was mapped in Figure 5-3 (Figure 5A in this report) of the Remedial Investigation Report (2009) showing a bifurcated plume with one section flowing northwest from the northern area and another sub-plume flowing west from the southern part of the site. The concentrations of PCE shown on that map are a compilation of groundwater sampling from Geoprobe® borings and monitoring wells from 2005 to 2009. The water table is about 10 feet below ground surface and its gradient is approximately -0.003 to the west-northwest.

More recent groundwater sampling has been accomplished over the past few years with installation of five monitoring wells on parcels directly across Ulster Avenue, and most recently by sampling groundwater at three locations with Geoprobe® on Lincoln Park Place, and on-site sampling of six monitoring wells (Figure 5B). As shown on that map, PCE concentrations in groundwater are from sampling on November 3 to 6, 2013. The 14 groundwater analyses by US EPA method SW 846 8260B for volatile organic compounds are reported by York Analytical Laboratories in Report No: 13K0219, 11/18/2013. Laboratory results for 14 samples, 1 duplicate sample, and two blanks are summarized in Table 4. By comparison of Figure 5A and Figure 5B, PCE concentrations show reduction both on-site and on parcels across the street.

The following **conclusions** were drawn from examination of historical and recent sampling events:

- On-site groundwater concentrations of PCE have diminished from 2007 to 2009 and to 2013, except at MW5 where concentrations have remained at approximately 50 µg/L.
- On the west side of Albany/Ulster Avenue, groundwater PCE concentrations are generally low, less than 50 µg/L, except at MW8 in front of the rear RCAL building where PCE was measured at 150 µg/L. Another analyte not previously detected at the site, 1,1,2-Trichloroethane was also detected in MW8 at a concentration of 5.1 µg/L. That compound may be from some source other than American Cleaners.
- On Lincoln Park Place, the highest PCE concentration of 47 µg/L was detected at 16 feet in sample LP1 between the driveways at #746 and #752.

The following **recommendations** were included in the ***SRAC*** (Dec. 2013):

● ***Additional Groundwater Wells or Borings:*** The stratigraphic levels that have been sampled for groundwater on-site and off-site are 11 to 16 feet and 20 to 25 feet below the nearly flat land surface. Farther from American Cleaners and beyond the homes on the west side of Lincoln Park Place, the ground surface drops off steeply to the floodplain level of the Esopus Creek, farther to the west. The strata which have been sampled are eroded away at the edge of the floodplain by higher waters of the Esopus Creek during periods of flooding. For that reason sampling farther to the west from the east side of Lincoln Park Place is not recommended. Because the measured PCE concentrations are representative of the migrating groundwater, sampling 200 or 300 feet farther downgradient between Lincoln Park Place and the drop-off is not likely to gain significant information. The next sampling event started on the west side of Ulster Avenue. The 5 wells showed lower concentrations of PCE compared to previous sampling events. However, those PCE concentrations exceeded the NYS DEC Class GA groundwater standard of 5µg/L. Such a decline in PCE values most likely demonstrate that the bioremediation is working, and downgradient locations are also going to clean up as the nutrients and microbes reach those points as the remediation products travel within the groundwater flow.

● ***Natural Attenuation and Degradation:*** Tetrachloroethylene concentrations at the American Cleaners site are declining. No other VOC was detected except 1,1,2-Trichloroethane at MW8. PCE concentrations are summarized as

4 locations ND

2 locations less than 10 µg/L

7 locations between 10 and 50 µg/L

1 location at 150 µg/L

Groundwater in this area is not used for potable water because the entire area is served by the City of Kingston Water Department and or the Town of Ulster Water Department.

5.2.3 Consideration of In-Situ Remediation of PCE in Groundwater

Because PCE concentrations are detected in monitoring wells, a remedial action must be selected and implemented for groundwater at the American Cleaners Kingston site. Two common methods of remediation were considered: (1) chemical oxidation or (2) bioremediation with or without bioaugmentation. Because current concentrations of PCE range from ND to 150 µg/L or parts per billion with an average of 25 µg/L, a method of treating such low

concentrations of PCE over a fairly large area was sought. Treatment of such low concentrations is considered "polishing" because it is usually employed after much higher concentrations of VOCs have been reduced by a rapid acting industrial strength chemical agent. The existing "Plume" is approximately 800 feet long and widening from a "point" source behind the AC building to a width of approximately 400 feet at Lincoln Park Place. The appropriate remedy is similar to finding a needle in a haystack and destroying it. The injected treatment fluid will have to find low concentrations of PCE molecules in a sandy water-bearing zone with a depth of approximately 10 feet over an area of 160,000 square feet, or a volume of 1,600,000 cubic feet of saturated groundwater. The reactivity of a chemical oxidation agent or virility of bacterial dechlorinating emulsion will have to be long-lived to move with natural groundwater flow from the on-site injection borings to off-site contaminated locations. Once the remedial agents reach the PCE-contaminants, the chemical oxidation or biological dechlorination will have to occur. Downgradient movement of the treatment products may take up to five years to travel from the site to locations across the street on to Lincoln Park Place, and on toward the Esopus Creek floodplain. For that reason, a long lasting remedy is needed to cleanup the low level plume. Chemical Oxidation was considered using a Regenesis product called PersulfOX. After serious consideration and working on a plan to inject that material into the ground at American Cleaners, that remedy was disqualified because in a webinar on April 20, 2014, two managers (Drew Baird and Scott Mullin) at Regenesis stated that chemical oxidation with PersulfOX or RegenOX is not appropriate to "polish" groundwater or rid groundwater of such low concentrations of VOCs detected at the American Cleaners site. Also PersulfOX is highly corrosive and caustic and requires special handling. The persistence of PersulfOX in the groundwater is of limited time and space and often requires more than one injection.

By comparison, bioremediation using Regenesis products have a high probability for effective cleanup of the low PCE concentrations both on-site and off-site over a period of five years.

5.2.4 Subsurface Injection of Bio-Nutrients into 15 points with Geoprobe®

The bioremediation and bioaugmentation was planned to inject the nutrients first and few months later inject the microbes. Regenesis products were chosen for the project.

Two Regenesis products were selected appropriate to treat the groundwater beneath the American Cleaners site and downgradient properties: 3-D Microemulsion and Bio-Dechlor Inoculum. The required quantities and water mixture proportions are shown in Table 5 for both products.

Regenesis recommends injection of the liquid bioremediation mixtures of emulsion and bacteria into the top five feet of the sandy aquifer using direct push equipment (Geoprobe®). The injection points were recommended to be placed 15 feet apart as shown in Figure 7. Fifteen injection points were arranged on the property to cover the original back yard source and the perimeter of the site where groundwater is migrating off-site to the north, northwest, and west. Each injection location consisted of two Geoprobe® borings, one for injection of the emulsion and a second for the injection of the bacteria.

3-D Microemulsion (3DMe™) is a factory emulsified electron-donor material used to facilitate anaerobic reductive dechlorination of chlorinated solvents by microbial action in groundwater. The product is a mixture of organic chemicals classified as HRC-PED (Hydrogen Release Compound – Partitioning Electron Donor). The mixture is made up of neutralized fatty acids, glycerol tripolylactate, and glycerol. 3-D Microemulsion is a liquid with a consistency similar to milk. The emulsion is characterized by three stages of active ingredients with three overlapping periods of time release for each electron donor material

(1) lactate, 0 to 1 year

(2) polylactate 0.3 to 2.2 years

(3) free fatty acids with fatty acid esters. 1 to 5 years

This characteristic is most cost effective because it will create an anaerobic reducing environment for a significant period of time while the material migrates downgradient with natural groundwater flow.

The 3-D Microemulsion product is mixed with water and injected into Geoprobe® borings. The material is generally innocuous with neutral pH and non-corrosive and non-caustic properties. The most hazardous characteristic of the product is that if it is spilled, it can be very slippery on surfaces; but it can be easily washed off with water. The material readily degrades

and hydrolyses within hours. The product is diluted with water before it is injected into the subsurface.

Regenesis recommended injection of 100 pounds (13 gallons) of 3DMe™ for each injection point (Table 5). Regenesis recommended dilution of the factory shipped product in the range of 1 percent to 10 percent. A dilution of approximately 2.5 percent has been calculated to fill the available pore space in a cylinder around the axis of the injection boring with a vertical length of 5 feet and a radius of 7.5 feet, assuming a porosity of 7 percent in the sandy water-bearing zone. The 2.5 percent dilution would be made by mixing 13 gallons of 3DMe™ with 507 gallons of water for a total of 520 gallons per injection point (Table 5). In an ideal aquifer, the entire pore space of the cylinder around the vertical injection interval would be filled to the perimeter of the adjacent injection points. In that manner, a front of bioremedial material will move down gradient similar to the movement of the PCE from former spills at the site. Pumping and slug testing has shown that the water table is very difficult to depress and the hydraulic conductivity is high. The slug testing shows very rapid recovery on the order of 2 to 4 seconds. Those tests suggest that the sandy aquifer can accept a high volume of low concentration emulsion. However, the actual capability of the formation to accept the water in a timely manner determines the dilution factor.

Hence, the actual percent of the 3DMe™ was determined empirically in the first injection wells. When the Geoprobe® assembly is in place, the vertical zone of 3DMe™ injection is the top 5 feet of the aquifer (approximately 10 to 15 feet below ground surface). The rate of injection was determined by the capability of the sandy aquifer to accept the rate of flow and the practicality of how much water could be mixed in our 200 gallon container and injected within an hour into the formation. Documentation of the injection mixtures is provided in Tables 6A and 6B.

3DMe^{TM} Injection Procedure

- The 3DMe^{TM} was delivered to the site in four 400 pound drums.
- Premix in 200 gallon tank, for each injection point, 13 gallons of 3DMe^{TM} was mixed with 162 to 182 gallons of water for a total of 175 to 195 gallons of mixture per injection point.
- Geoprobe® drills down to 15 feet below ground surface, approximately 5 feet into the top of the sand aquifer. Release the drive point and pull up the casing and drill string up from 15 to

10 feet during injection.

- Hydraulic high pressure GS2000 pump connected to the Geoprobe® drill string. Fill the 75 gallon tank while pumping the 3DMe mixture into the Geoprobe® boring until the entire 195 gallons is pumped into the subsurface. Pumping with the high pressure hydraulic pump tool about 40 to 50 minutes.
- Dispersion of the injection fluid in the formation was sometimes faster than other times. In that case, the high pressure pump was used for about 5 to 10 minutes and then an electric submersible pump was used to pump the fluid out of the 200 gallon mixture tank directly to the Geoprobe®. Using the two pumps, injection time was somewhat reduced.
- After completion of injection, the borings were filled with sand and capped with about 6 inches of sand and cement.

5.2.5 Subsurface Injection of Microbes in 15 points with Geoprobe®

Bio-Dechlor Inoculum (BDI Plus™) is a mixture of ***Dehalococcoides sp*** bacteria. Regenesis indicates that it "has been shown to stimulate rapid and complete dechlorination of compounds such as tetrachloroethylene (PCE), trichloroethene (TCE), dichloroethene (DCE), and vinyl chloride (VC)." Members of the genus ***Dehalococcoides*** are capable of driving the dechlorination chain of reactions of chloroethenes, such as PCE, to the end product of harmless ethane. At this time, it is not known exactly which dechlor species are associated with each sequential breakdown reaction, but the Regenesis inoculum consists of several species and is proven effective at promoting the entire breakdown of PCE to ethane.

The BDI Plus product is a murky, yellow to gray liquid with a musty odor. The live bacteria culture comes in a keg or canister pressurized to 10 to15 psi with nitrogen to maintain a reducing (non-oxygen) environment in the container. The container must be kept at 2° to 3°C until the material is injected into the ground. The culture is miscible with water, so it can be diluted to appropriate levels at the site. The water that the culture is mixed with is first aerated with nitrogen to remove the oxygen from the water to make sure the water will maintain the anaerobic conditions for the survival of the bacteria.

Regenesis recommends a ratio of BDI plus to water of 1 liter to 10 gallons, or for our specific site 0.75 liters to 7.5 gallons of water. The water for BDI plus™ must be aerated with nitrogen to assure that the water is oxygen free. Only 120 gallons of the nitrogen treated water

was needed for the 16 injection points. However, since it was recommended to fill the annular space with water to prevent air from reaching the bacteria, additional water aerated with nitrogen was used for that purpose. The water was aerated while the boring was advanced with the Geoprobe®. The inoculum solution was injected into the top of the aquifer through the Geoprobe® hollow rods.

The second phase of injection proceeded much the same as the first, except that the water had to be treated and the volume of mixture per injection boring was substantially less.

- Most of the spray paint marks were still visible on the ground except for the three behind the building which were also marked with magnetic stakes.
- A 55 gallon food grade drum was used for deoxidizing water. Water from the outdoor spigot was run via garden hose into the drum. To maintain a reducing environment for the bacteria, the oxygen had to be removed from the water. The oxygen was dispersed to the atmosphere by sparging nitrogen into the drum of water using a defusing device such as an aquarium aerator. The oxygen concentration was measured using a USI 550 Dissolved Oxygen Meter. The oxygen readings were all below 0.5 mg/L or 0.5 ppm.
- The BDI Plus^{TM} keg came with a measuring cylinder, so that pressure from the nitrogen tank could be used to drive the microbe mixture into the cylinder and after the correct amount was in the cylinder, it could be emptied into the clear plastic bottle with a mark on the side at 0.75 liters.
- First 7.5 gallons of deoxygenated water was placed in the hopper for the high pressure hydraulic pump GS2000. Next 0.75 liters of the BDI Plus^{TM} was added to the tank. The microbe material easily dispersed within the water in the hopper. The mixture was pumped in the Geoprobe® boring. Injection time was approximately 2.5 to 3 minutes per boring. A little additional nitrogenated water was used to flush the injection line before the Geoprobe® was raised from the boring.
- The temperature of the microbe keg had to be maintained fairly constant at 2 to 4ºC. Dry ice was placed in the cooler or the container bag when the keg was in use outside of the cooler. For connection to the nitrogen tank and use with the measuring the cylinder, the keg was out of the cooler. A special bag was provided to keep the keg and dry ice inside while in use out of the cooler.

5.2.6 Remedial Performance/ Documentation Sampling

Existing monitoring wells (6 on the east side of Ulster Avenue and 5 on the west side) were sampled November 30 through December 4, 2015. The low-flow sampling technique was used. The chemical of concern at the site is the dry cleaning compound tetrachloroethylene (PCE or Perc for short). Three 40 ml vials with a few drops of Hydrochloric Acid preservative were filled with groundwater samples from each well and sent to York Analytical Laboratories for analysis using US EPA method 8260B for a complete list of volatile organic compounds. For quality assurance, additional samples were also sent to the lab including duplicate of monitoring well MW3, 4 trip blanks (one for each day of sampling), one equipment blank, matrix spike, and matrix spike duplicate using water from MW3. The samples were sent to the laboratory in two batches to avoid exceeding holding time. Two days of rain delayed the sampling. The two lab reports are summarized in Table 5 and Figure 8.

The following conclusions reflect the laboratory data.

- All the concentrations have gone down since the last sampling in 2013, except MW6, the shallow well behind the back door of the building.
- One PCE breakdown product 1,2DCE at 11 ug/L has appeared in MW2 right by the street in front of the AC building. This occurrence may be the first finding of a breakdown product in the monitoring wells.
- PCE concentrations appear to be mostly in the shallow Upper Aquifer wells on both sides of Ulster Avenue. At one Geoprobe® sample boring on the east side of Lincoln Park Place (LP2 sampled in 2013) and a new monitoring well (L14 sampled in 2017), PCE is found in the Lower Aquifer 20 to 25 feet with PCE concentrations of 18 and 16 µg/L, respectively. Those two (LP2 and L14) sampling points are within 20 feet of each other. Based on that information the PCE plume is evidently sinking from the Upper Aquifer levels or 10 to feet to the Lower Aquifer levels as groundwater migrates westward toward the Esopus Creek floodplain. The two zones are not really separate aquifers, they were defined by early consultants for sampling groundwater at different depths below the ground surface. There are no confining beds between the sands although there are some finer stratigraphic lenses.

Field monitoring of groundwater parameters

As part of the groundwater sampling procedure, the following additional parameters are measured and recorded in the field: pH, conductivity, turbidity, dissolved oxygen, temperature,

salinity, ORP, and sulfate concentration. The Horiba instrument is used to measure pH, conductivity, turbidity, and temperature during the slow pumping phase to identify when the flow water exhibits stabilized properties. Stabilization of these parameters shows that the water is coming into the well by pumping from the formation beyond the well screen. Stabilization is achieved when 3 consecutive readings at 3 to 5 minute intervals are within the following limits: turbidity within 10 percent, specific conductance within 3 percent, temperature within 3 percent, and pH within 0.1 unit. Oxidation Reduction Potential (ORP) was measured with a new American Marine Pinpoint Monitor to stabilization within 10 millivolts.

Dissolved oxygen was measured with a YSI model 55 meter. Sulfate Concentration was measured with an HI96751 Sulfate Ion Selective Meter by Hanna Instruments, a colorimetry or refractometry meter with a silicon photocell narrow band interference filter at 466 nm and a resolution of 1 mg/L over a range of 0 to 150 mg/L.

Four parameters measured on-site relate to the presence of a reducing environment suitable for dechlorination of chlorinated solvents, in this case tetrachloroethylene.

- pH levels of 5 to 9 are desirable for dechlorination. All pH measurements of the monitoring well groundwater were in the range of 5.15 to 6.25.
- ORP reducing conditions are identified by negative values. All well show negative readings except MW9 and MW2. Values at those locations were less than 30 mV, which may be statistically close to negative, given that the calibration solution is +400 mV.
- Dissolved Oxygen (DO) should be less than 1 mg/L for anaerobic dechlorination to occur. The groundwater from 9 of the 11 monitoring wells ranged between 1.7 and 2.6 mg/L. Such readings are significantly less than 1 percent concentration because 1 mg/L is equal to 1 part per million (ppm).
- Sulfate is an alternate electron acceptor for microbial respiration. Depleted concentrations of sulfate relative to background indicate that the groundwater environment is sufficiently reducing to sustain sulfate reduction and for anaerobic dechlorination to occur. Sulfate levels of less than 20 mg/L are desirable but not required for anaerobic dechlorination to occur. Comparison of recent Sulfate concentrations with those measured in April indicate that Sulfate content is declining in the monitoring wells. Such decline may indicate that the injection of the Regenesis 3D Microeemulsion is reaching the monitoring wells across the street by transport with groundwater advection.

Chlorine is another indicator parameter. A colorimetry method may be used in the future to measure concentrations of the chloride ion. Such ions are the breakdown product of the anaerobic dechlorination process.

A table and figure summarizing all end-point sampling is included in Table 4 and Figure 5D, respectively, and all exceedances of SCOs are highlighted.

Data Usability Summary Reports (DUSRs) were prepared for all data generated in this remedial performance evaluation program. These DUSRs are included in Appendix 7, and associated raw data (laboratory reports) are provided in PDFs in Appendix 6. Data validation indicates that all of the data sets conform to the standards of data validity. Based on the DUSRs, all of the analyses are suitable for use in reporting sampling results to NYS DEC for regulatory compliance.

For the purpose of defining the end of the PCE plume, two well couplets were placed on the east side of Lincoln Park Place, near where groundwater samples were obtained in 2013 from Geoprobe® borings which had to be filled in because they were on the right-of-way for the street. Wells on the west side of Lincoln Park Place would have been better because they would be in the backyards of a couple of homes and would be much closer to the Esopus Floodplain. Cooperative homeowners could not be found, so locations were selected where the people would allow installation and sampling of monitoring wells. On Monday, July 17, 2017 two monitoring well couplets were installed at 740 and 752-762 Lincoln Park Place. The wells were developed on July 21 and 23. Sampling for VOCs occurred on July 25, 2017.

A survey of the wells was conducted to obtain the location coordinates and elevations of the monitoring wells. The survey data and a round of water level measurements are shown on Table 7 and Figure 5C. As generally established with previous work, the gradient of the water table (top of unconfined aquifer) slopes west northwest with about 1 foot of drop for 100 feet of horizontal run toward the Esopus Floodplain.

A summary of laboratory results is provided in Table 4 and spatial distribution of PCE concentrations for the 2017 sampling of all wells is shown on Figure 5D. Table 4 shows a constant decline in PCE concentrations in the monitoring wells and about half of them are ND

for PCE. Significant off-site PCE exceedances of the NYS DEC Class GA groundwater standard of 5 µg/L include

MW7	17 µg/L	Upper aquifer 10-15 feet
MW7 Duplicate	29	Upper Aquifer 10-15 feet
MW8	30	Upper Aquifer 10-15 feet
L14	16	Lower Aquifer 20-25 feet

The enhanced bioremediation fluids and microbes are probably active in the area of the Upper Aquifer exceedances, but may not have reached L14 at Lincoln Park Place in the Lower Aquifer. Given more time for groundwater, nutrient, and microbe migration, PCE will continue to be cleaned up in both aquifers.

6.0 CONTAMINATION REMAINING AT THE SITE

End-point sampling is described above in section 5.2.6 for groundwater and section 4.2.9. Summary Table 1 shows a significant decline in PCE concentrations in soil vapor samples between 2013 and 2016 also shown on Figure 2B. Summary Table 4 shows decline in PCE concentrations in groundwater from 2009 to 2017. Spatial distribution of PCE concentrations is shown in Figure 5A (prior to 2009), 5B (2013 & 2015) and Figure 5D (2017). Prior to and after the injection of enhanced bioremediation nutrients and microbes, the concentrations of PCE in groundwater have declined.

The Site Management Plan will be submitted to define future sampling of groundwater and soil vapor to demonstrate the function and operation of the remedial actions. Groundwater sampling is expected to continue to show a westward migration of the bioremediation fluids resulting in decline in PCE in on-site and off-site monitoring wells in the Upper Aquifer and Lower Aquifer. Soil vapor extraction sampling is expected to show continued decline in sub-slab PCE and other VOC concentrations.

7.0 ENGINEERING CONTROLS

This topic will be developed in the near future and documented in the Final Engineering Report.

8.0 INSTITUTIONAL CONTROLS

This topic will be developed in the near future and documented in the Final Engineering Report.

9.0 REFERENCES

FINAL DER-10 TECHNICAL GUIDANCE FOR SITE INVESTIGATION AND REMEDIATION, May 3, 2010, New York State Department of Environmental Conservation, Division of Environmental Remediation, 232 pages.

US EPA Low Stress (Low Flow) Purging and Sampling Procedure for Collection of Ground Water Samples from Monitoring Wells (US EPA Region 1, July 30, 1996, Revision)

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2A Location of Vacuum and Sub-Slab Vapor Extraction Points
2B Location of Sub-Slab Vapor Extraction Points and PCE Concentrations: 2013 & 2016
3 Construction Diagram for Sub-Slab Vapor Extraction System (XP1-XP4)
4 Calculation Sheet for Vapor Extraction System: Release of VOCs to Air
5A Isopleth Map and PCE Concentrations Detected in Groundwater prior to 2009
5B Tetrachloroethylene (PCE) Concentrations Detected in Goundwater 2007, 2009, 2012, 2013
5C Contour Map of Water Table Elevations (8/23/17)
5D Tetrachloroethylene (PCE) Concentrations Detected in Goundwater: 2017
6 Site Plan showing locations of Bioremediation Injection Points with 15-foot spacing

LIST OF APPENDICES (on CD-ROM)

1 Survey Map, Metes and Bounds - LATER
2 Digital Copy of IRM CCR
3 Environmental Easement - LATER
4 NYS Approvals of Substantive Technical Requirements: NYS DEC Letter of 07/24/2015
5 Project Photo Log
6 York Analytical Laboratory Reports

Report ID	Report Date	Type of Sampling
12A0661	1/26/12	Geoprobe ground-water across street
13C0810	4/2/13	Sub-slab soil from under bldg
13C0768	4/2/13	Summa Canisters sub-slab vapor
13I0388	10/2/13	Storm Drain Soil on site
13K0219	11/18/13	Groundwater on and off site
15L0069	12/9/15	Groundwater all Monitoring Wells
15L0243	13/14/15	Part 2
16K1174	12/7/16	Sub Slab Soil Vapor
17D0415	4/20/17	SACK-GW part 1
17D0839	5/2/17	SACK-GW part 2
17G0906	8/1/17	LPP

7 Data Usability Summary Reports for each of the Laboratory Reports listed above
8 EC As-Built Drawings, Documentation, Drawings, and comparable information is included in the IRM CCR text and Photo Log.

Appendix 3
Environmental Easement

Not Prepared Yet

American Cleaners Kingston
Ulster County, New York

Interim Remedial Measures Construction Completion Report:

Sub-Slab Vapor Extraction and
Bioremediation of Groundwater
NYSDEC Site Number: V-00601-3

August 29, 2019

Appendix 4
NYS Approvals of Substantive Technical Requirements:
NYS DEC Letter of 07/24/2015

American Cleaners Kingston
Ulster County, New York

Interim Remedial Measures Construction Completion Report:

Sub-Slab Vapor Extraction and
Bioremediation of Groundwater
NYSDEC Site Number: V-00601-3

August 29, 2019

New York State Department of Environmental Conservation
Division of Environmental Remediation
Remedial Bureau C, 11th Floor
625 Broadway, Albany, New York 12233-7014
Phone: (518) 402-9662 • **Fax:** (518) 402-9679
Website: www.dec.ny.gov

Joe Martens
Commissioner

Via E-mail and Certified Mail Return Receipt

July 24, 2014

Mr. Erez Halevah
c/o American Cleaners
Caldor Lloyds Plaza Inc.
Route 211E
Middleton, NY 10940

Ref: Voluntary Cleanup Program (VCP)
American Cleaners (AC) Kingston, Site No: V-00601-3
City of Kingston, Ulster County

Sub: Interim Remedial Measures (IRM) Work Plan, June 2014

Dear Mr. Halevah,

The New York State Department of Environmental Conservation (Department) in consultation with the New York State Department of Health (NYSDOH) has reviewed the IRM work plan dated June 2014 submitted by Jansen Engineering, PLLC. The Department has modified IRM work plan as stated below:

1. The title of the Work Plan is revised to "Interim Remedial Measures (IRM) Work Plan to remediate Ground Water and Sub-Slab Soil Vapor"
2. Section 2.0, Work Plan Objective and Rationale: In Remedial Action Objective number 3, the sentence that starts with "To date, on neighboring…" is removed. The NYSDOH does not have a standalone action guideline of 100 micrograms per cubic meter of PERC for indoor air.
3. Section 4.0, Remedial Action Plans and Specifications: In the second paragraph, remove the sentence that begins "The NYSDOH air guidance value…"
4. Section 4.1.1, Sub Slab Passive Vapor Venting Installation: First sentence of the second paragraph is replaced with: "Passive Soil Vapor Extraction (PSVE) system described in Appendices 5 will be installed at four extraction points shown in Figure 3 and vented through the roof. At each of the location, PSVE system will be enhanced by installing wind-powered turbine vacuum pumps and one way mechanical valve".
5. Section 4.1.2, System Monitoring: To be consistent with Section 6.1, the sentence, "Summa testing is recommended at two year intervals after an initial round of testing all four extraction points one year after installation of the BaroBall™ system." is replaced with "Concentrations of VOCs will be measured with Summa Canister testing for each of the four extraction points on a 15-month schedule beginning one year after installation of

the system. The 15-month schedule is designed to detect seasonal variation in concentrations."

6. Section 4.1.2, System Monitoring: The sentence "Bioremediation and augmentation injection points behind the building should have a positive impact on reducing sub-slab VOC contamination levels." is replaced with "The PSVE system will be converted to active SVE system, if requested by the Department, based on the summa canister sampling results".
7. Section 4.1.2, System Monitoring: The final sentence, "When PCE and TCE are detected..." is replaced with "Termination of system operations will occur with approval from the NYSDEC and NYSDOH."
8. Section 4.2.2, Bioremediation and Bioaugmentation by Subsurface Injection, first paragraph: After the sentence "...off-site to the north, northwest, and west." the following sentence is inserted: "Additional injections, as agreeable to the Department will be performed to remediate the higher tetrachloroethylene (PCE) concentrations in ground water observed off-site (e.g., in front of rear RACL building and north side of the Pauline's Restaurant)".
9. Section 4.2.3.2, Ground Water Sampling, first paragraph: The sentence "Groundwater sampling shall be on a 15-month schedule, which will allow for seasonal variation and allow time for migration of the remedial materials from the site of injection to down gradient monitoring wells to the west and northwest" is replaced with "First round of ground water sampling shall be performed within 30 days of the end of the initial injection. Subsequent sampling shall be performed at the frequency agreeable to the Department and the approved Site Management Plan" (refer to modification below).
10. Section 4.2.3.2, Ground Water Sampling, last paragraph: The sentence "If concentrations are within two standard deviations above the drinking water standard of 5 µg/L and the water quality parameters indicate the presence of the reducing environment, the groundwater will be considered remediated" is replaced with "Additional, injections and GW sampling will be performed as requested by the Department".
11. Section 6.0, Schedule: Following paragraph is inserted after Section 6.2, "Detailed and up-to-date IRM implementation schedule will be submitted to the Department at least 15 days prior to commencing the implementation of the work plan".
12. Section 7.0, Reporting: Last paragraph is replaced with "IRM Construction Completion Report will be prepared in accordance with DER-10, Section 5.8 as applicable. Along with the IRM Construction Completion report (IRM CCR), an Interim Site Management Plan (SMP) consisting Environmental Monitoring Plan (EMP) and Operation and Maintenance Plan (OMP) will be submitted to the Department for approval.
13. Appendices 12, Health and Safety Plan (HASP): A revised HASP, taking into account the two injection liquids mentioned in the work plan, will be submitted to the Department prior to commencing the implementation of the work plan.

Pursuant to Citizen Participation Policy for Voluntary Cleanup Program (DER-23), the Department considers IRM to be significant part of site remedy. As such, the IRM Work Plan and above modifications will be made available to the public for a 30 day comment period. The Department will issue Fact Sheet announcing the availability of the IRM Work Plan and other site related documents including this modification letter. The Department requires the volunteer to provide necessary assistance during the comment period, including placing site related

documents in the document repository. Upon the closing of the comment period, the Department will address any comments received from the public.

Issuance of the IRM Work Plan for public comment does not construed the Department's acceptance of the various conclusions/recommendations indicated in the work plan pertaining to the environmental data collected in connection with the site including but not limited to the need for further off-site delineation of the contaminated ground water.

If you have any questions, please do not hesitate to contact me at 518-402-9662.

Sincerely,

Parag Amin, P.E.
Project Manager
Remedial Section B

Ecc : J. Jansen, Jansen Engineering, PLLC
K. Beinkafner, Mid-Hudson Geosciences
K. Kulow, NYSDOH
M. Schuck, NYSDOH
D. Crosby, DER

Appendix 5
Photo Log of Remedial Project Activities

American Cleaners Kingston
Ulster County, New York

Interim Remedial Measures Construction Completion Report:

Sub-Slab Vapor Extraction and
Bioremediation of Groundwater
NYSDEC Site Number: V-00601-3

August 29, 2017



P1. Drilling through the slab, item 4 material, and into the natural red sandy soil with electric coring machine. 3/25/13



P2. Close-up of drill bit through the slab. 3/25/13



P3. Removing the coring tool from the hole through the slab and into the natural red soils below. 3/25/13



P4. Removing the core from the drill shaft for examination and sampling. 3/25/13



P5. Core examination, ground concrete at bottom of photo, above that itme 4 material, and the natural red sand closest to the geologist's hand. 3/25/13



P6. Preparing to measure VOC concentrations with Photoionization Detector. 3/25/13



P7. Collecting sand samples for laboratory analyses for the presence of volatile organic compounds. 3/25/13



P8. Hole for XP1 through slab. 3/25/13



P9. Schedule 40 PVC casing and slotting placed through slab and item 4 into the natural red sand. 3/25/13



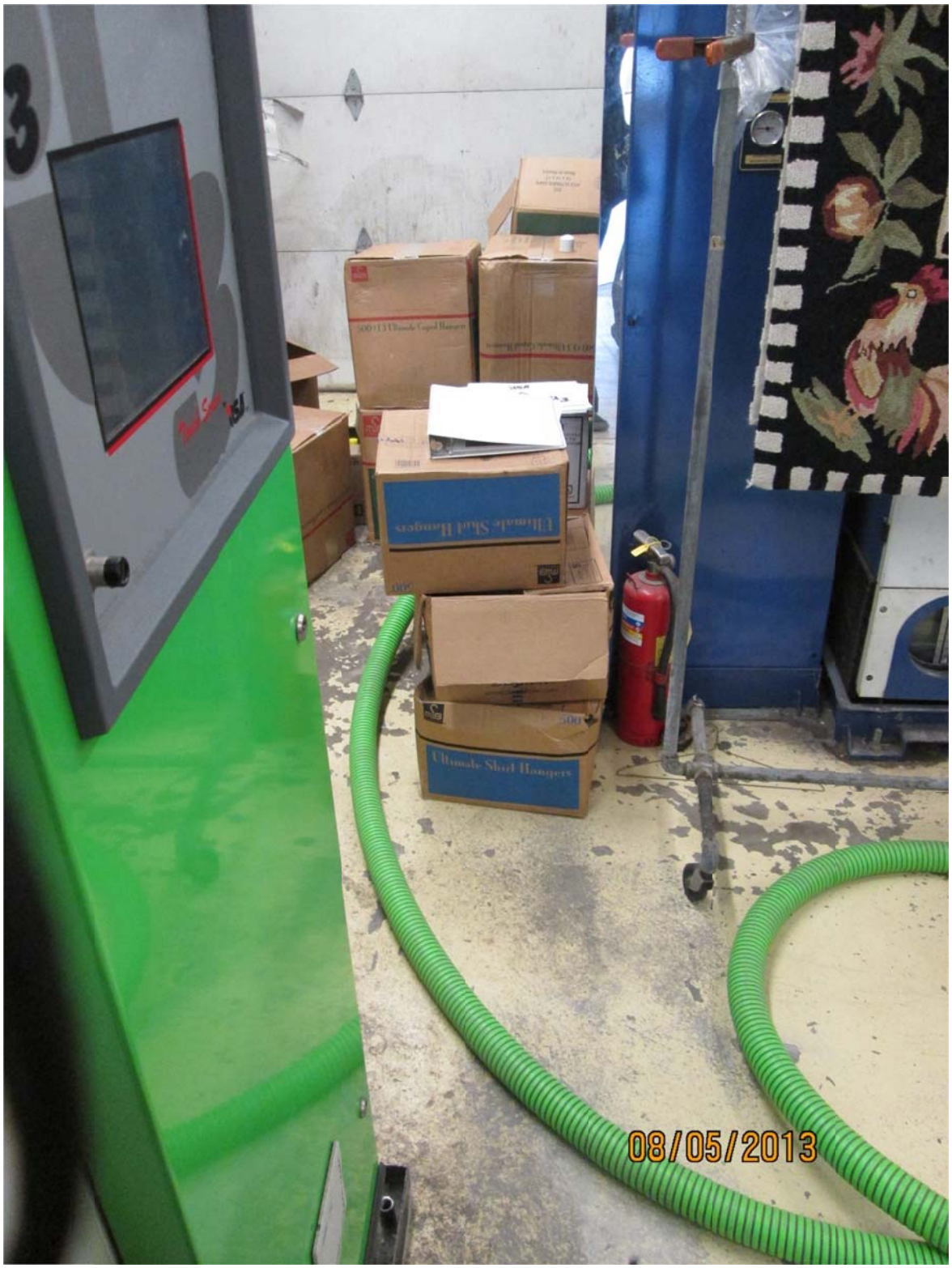
P10. Top of all 4 extraction points, XP1, XP2, XP3, XP4. 3/25/13



P11. Tests were conducting by applying a vacuum to each extraction point (XP1, XP2, XP3, XP4) and measuring any detectable vacuum at the other three XPs while the vacuum was applied to one. No positive results were detected. Hence, Vapor measuring points VP1 and VP2 were installed. 8/5/13



P12. Manometer measuring a vacuum of -0.07 inches of water at VP1 located 5 feet southwest of XP2 while vacuum is applied to XP2 using a 1 horsepower Fuji Blower. 8/5/13



P13. Green hose running from the blower outside the backdoor to XP1 applying a vacuum while VP2 is monitored with manometer. 8/5/13



P14. Measuring vacuum of -0.01 inches of water at VP2 86 inches from XP1 where vacuum is applied from blower. 8/5/13



P15. Vacuum applied to XP3. 8/5/13



XP16. Vacuum of -0.04 inches of water measured at VP2 105 inches from XP3 where vacuum was applied with blower. 8/5/13



P17. 2-inch schedule 80 PVC vertical shaft installed at XP1 with blue-handled on/off valve to close shaft from atmosphere during vapor testing with Summa Canister or Photoionization Detector. 4/10/15



P18. Complete schedule 40 2-inch PVC vertical shaft at XP2 with valve showing adapter on base of PVC. 4/10/15



P19. Vertical PVC shaft at XP3. 4/10/15



P20. Vertical PCV shaft at XP4. 4/10/12



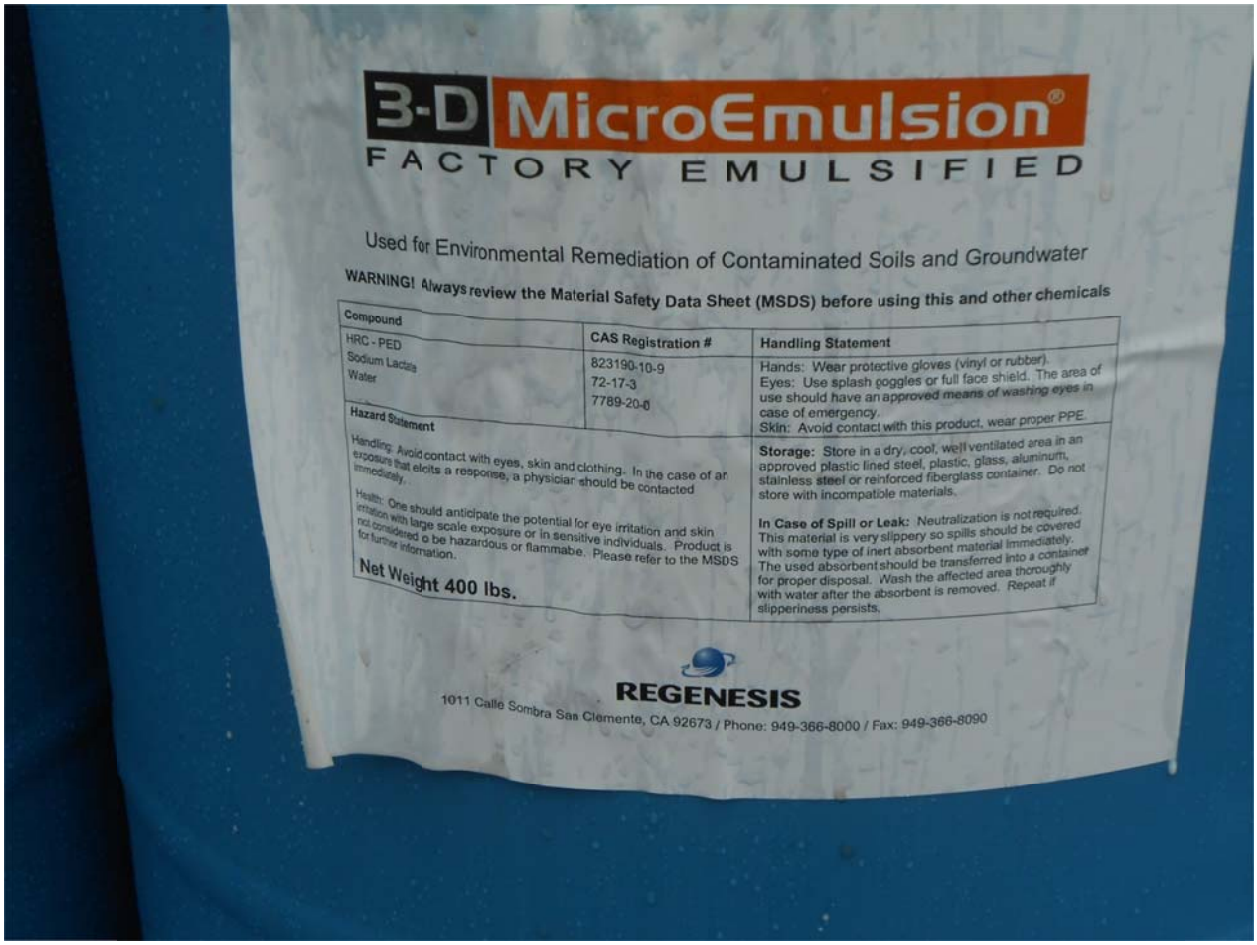
P21. Adapters for top of 2-inch PVC shaft above the roof to accommodate the 4-inch Stainless Turbines. For strength a glue had to be used to attach the components. 4/10/15



P22. Three of the turbines are seen from the back of the building. From left to right XP2, XP1, XP3. The turbine for XP4 can be seen from in front of the building. 4/10/15



P23. Four 400 pound drums of 3-D MicroEmulsion were delivered from Regenesis to provide injection of nutrients for microbes to be injects a few months later. 4/15



P24. Label of 3-D MicroEmulsion from Regensis. 4/15



P25. 3-D MicroEmulsion was mixed with water in the black tank and transferred to the tank on the back of the truck to moved to injection locations. 4/15



P26. Drill point attached to bottom of drill rod. When drill rod reaches target depth, the point is released and left in the ground. The fluid is pumped through the rod and into the formation at the bottom where the point was released. 4/15



P27. After the drill rod has been driven to target depth by geoprobe and the point released, the hose and valve is attached to the top of the drill rodto facilitate injection of the 3-D MicroEmulsion. 4/15



P28. Mixed 3-D MicroEmulsion is pumped or drained into the hopper of the high pressure injection pump. 4/15



P29. The entire injection setup can be seen here. The 3-D MicroEmulsion is pumped into the hopper of the high pressure pump which pumps it into the drill rod in the ground. 4/15



P30. The soils in some borings seem to be more permeable and did not require the high pressure pump. in that case a submersible pump in the tank on the truck was used to pump the fluid to the drill rod injection point. Injection was faster with this method. 4/15



P31. A bucket of clean waster was washed down the hopper and hose into the boring before the hoses were disconnected. 4/15



P32. Sand was place into the borehole. 4/15



P33. Concrete was placed at the surface to seal the injection borings. 4/15



P34. The final drum of 3-D MicroEmulsion was emptied into a bucket and placed in the black mixing tank. 4/15



P35. Injection was conducted first in the backyard, second along the north side of parking and sidewalk, and finally along the inside of the front sidewalk shown here. 4/15



P36. Drilling the borehole for injection of inoculum into MIP3 with Geoprobe. October 7, 2015.



P37. Nitrogen in the red tank sparging into water in the 55-gallon black drum to deoxygenate the waterto use with injection of the inoculum. Pressure meter (in PSI) and flow meter (in SCFM) used to control rate of sparging are shown to the right of the tank. October 7, 2015



P38. Red nitrogen tank and black deoxidizing drum. From the outdoor spigot, the water supply hose goes into the drum. A submersible pump in the tank pumps the water through the output hose to the GS2000 pump hopper. October 7, 2015



P39. The deoxygenated water in the beaker is tested to measure the concentration of dissolved oxygen with the YSI DO meter. The meter reads 0.34 mg/L at 20.1°C. Octpber 7, 2015



P40. The inoculum is stored in the keg which is inside the black plastic bag. Dry ice is used to maintain the temperature at 2-4°C inside the bag or inside the cooler, where ever the keg is stored. October 7, 2015



P41. Pumping the measured amount of deoxygenated water into the hopper of the GS2000 high pressure pump for mixture with inoculum and injection into subsurface injection point with the Geoprobe. October 8, 2015



P42. Preparing to 0.75 liters of inoculum into the calibrated 1 liter coke bottle. The calibrated sight glass to the right of the red nitrogen tank shows the volume of inoculum pumped out into the bottle using the nitrogen pressure from the tank. October 8, 2015



P43. Placing the measured 0.75 liter of inoculum into the 7.5 gallons of deoxygenated water in the hopper of the high pressure GS2000 pump. October 8, 2015



P44. Black hose from the GS2000 pump connects to the Geoprobe drill rods for injection. April 7, 2015



P45. GS2000 pump in the foreground showing the input hose from the pump to the Geoprobe drill rods. October 8, 2015



P46. Boring hole in the foreground is filled with sand and bentonite. October 8, 2015

Appendix 6
York Analytical Laboratory Reports

American Cleaners Kingston
Ulster County, New York

Interim Remedial Measures Construction Completion Report:

Sub-Slab Vapor Extraction and
Bioremediation of Groundwater
NYSDEC Site Number: V-00601-3

August 29, 2019

Table 10

Summary of Laboratory Reports for Sampling of Variouis Media for Data Validation

All Samples for American Cleaners, Kingston, NY

York Analytical Laboratories

Sampling Conducted by Jansen Engineering PLLC & Mid-Hudson Geosciences

Date of Sampling	Report ID	Report Date	Type of Sampling	No Samples	No Blanks	No MS/D	Method	ASP_B
Dec 14, 2009	120736	12/24/09	Groundwater on site Monitoring Wells	6 1 dup	1	1	8260 full	no
Jan 17, 2012	12A0661	1/26/12	Geoprobe ground-water across street	19	2	1	8260 full	yes
Mar 25, 2013	13C0810	4/2/13	Sub-slab soil from under bldg	4	2	0	8260 full	yes
Mar 25, 2013	13C0768	4/2/13	Summa Canisters sub-slab vapor	4	0	0	TO-15,TIC,He	yes
Sep 23, 2013	13I0388	10/2/13	Storm Drain Soil on site	8	2	0	8260 full	yes
Nov 26, 2013	13K0219	11/18/13	Groundwater on and off site	15	2	0	8260 full	yes
Nov 30-Dec 1, 2015	15L0069	12/9/15	Groundwater all Monitoring Wells	4	2	0	8260 full	yes
Dec 3-4, 2015	15L0243	13/14/15	Part 2	7 1 dup	2	1	8260 full	yes
11/29/16	16K1174	12/7/16	Sub Slab Soil Vapor	4 VES points	TB, EB	0	TO-15	yes
4/11/17	17D0415	4/20/17	SACK-GW part 1	4 wells, 1 dup	TB, EB	0	8260C	yes
4/19/17	17D0839	5/2/17	SACK-GW part 2	7 wells	TB, EB	0	8260C	yes
7/25/17	17G0906	8/1/17	LPP	4 wells, 1 dup	TB, EB	0	8260C	yes

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

Mid-Hudson Geosciences
1003 NY Route 44/55
P.O.Box 332
Clintondale, NY 12515-0332
Attention: Katherine Beinkafner

Report Date: 12/24/2009
Re: Client Project ID: AC Kingston
York Project No.: 09120736

CT License No. PH-0723 New Jersey License No. CT-005 New York License No. 10854 PA Reg. 68-04440

nelac nelap

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

Report Date: 12/24/2009
Client Project ID: AC Kingston
York Project No.: 09120736

Mid-Hudson Geosciences
1003 NY Route 44/55
P.O.Box 332
Clintondale, NY 12515-0332
Attention: Katherine Beinkafner

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 12/17/09. The project was identified as your project "AC Kingston".

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 NELAC acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All the analyses met the method and laboratory standard operating procedure requirements except as indicated under the Notes section of this report, or as indicated by any data flags, the meaning of which is explained in the attachment to this report, if applicable.

The results of the analyses, which are all reported on an as-received basis unless otherwise noted, are summarized in the following table(s).

Analysis Results

Client Sample ID			MW 3		
York Sample ID			09120736-01		
Matrix			WATER		
Parameter	Method	Units	Result	Qualifier	RL
Volatiles, 8260 List + MTBE	SW846-8260	ug/L	---	---	---
1,1,1,2-Tetrachloroethane			Not detected		5.0
1,1,1-Trichloroethane			Not detected		5.0
1,1,2,2-Tetrachloroethane			Not detected		5.0
1,1,2-Trichloroethane			Not detected		5.0
1,1-Dichloroethane			Not detected		5.0
1,1-Dichloroethylene			Not detected		5.0
1,1-Dichloropropylene			Not detected		5.0
1,2,3-Trichlorobenzene			Not detected		5.0
1,2,3-Trichloropropane			Not detected		5.0
1,2,4-Trichlorobenzene			Not detected		5.0
1,2,4-Trimethylbenzene			Not detected		5.0
1,2-Dibromo-3-chloropropane			Not detected		5.0
1,2-Dibromoethane			Not detected		5.0
1,2-Dichlorobenzene			Not detected		5.0

YORK

Client Sample ID			MW 3		
York Sample ID			09120736-01		
Matrix			WATER		
Parameter	Method	Units	Result	Qualifier	RL
1,2-Dichloroethane			Not detected		5.0
1,2-Dichloropropane			Not detected		5.0
1,3,5-Trimethylbenzene			Not detected		5.0
1,3-Dichlorobenzene			Not detected		5.0
1,3-Dichloropropane			Not detected		5.0
1,4-Dichlorobenzene			Not detected		5.0
2,2-Dichloropropane			Not detected		5.0
2-Chlorotoluene			Not detected		5.0
4-Chlorotoluene			Not detected		5.0
Benzene			Not detected		5.0
Bromobenzene			Not detected		5.0
Bromochloromethane			Not detected		5.0
Bromodichloromethane			Not detected		5.0
Bromoform			Not detected		5.0
Bromomethane			Not detected		5.0
Carbon tetrachloride			Not detected		5.0
Chlorobenzene			Not detected		5.0
Chloroethane			Not detected		5.0
Chloroform			Not detected		5.0
Chloromethane			Not detected		5.0
cis-1,2-Dichloroethylene			Not detected		5.0
cis-1,3-Dichloropropylene			Not detected		5.0
Dibromochloromethane			Not detected		5.0
Dibromomethane			Not detected		5.0
Dichlorodifluoromethane			Not detected		5.0
Ethylbenzene			Not detected		5.0
Hexachlorobutadiene			Not detected		5.0
Isopropylbenzene			Not detected		5.0
Methyl tert-butyl ether (MTBE)			Not detected		5.0
Methylene chloride			4	JB	10.0
Naphthalene			1	JB	5.0
n-Butylbenzene			Not detected		5.0
n-Propylbenzene			Not detected		5.0
o-Xylene			Not detected		5.0
p- & m-Xylenes			Not detected		5.0
p-Isopropyltoluene			Not detected		5.0
sec-Butylbenzene			Not detected		5.0
Styrene			Not detected		5.0
tert-Butylbenzene			Not detected		5.0
Tetrachloroethylene			Not detected		5.0
Toluene			Not detected		5.0
trans-1,2-Dichloroethylene			Not detected		5.0
trans-1,3-Dichloropropylene			Not detected		5.0
Trichloroethylene			Not detected		5.0
Trichlorofluoromethane			Not detected		5.0
Vinyl chloride			Not detected		5.0

YORK

Client Sample ID			MW 6		
York Sample ID			09120736-02		
Matrix			WATER		
Parameter	Method	Units	Result	Qualifier	RL
Volatiles, 8260 List + MTBE	SW846-8260	ug/L	---	---	---
1,1,1,2-Tetrachloroethane			Not detected		5.0
1,1,1-Trichloroethane			Not detected		5.0
1,1,2,2-Tetrachloroethane			Not detected		5.0
1,1,2-Trichloroethane			Not detected		5.0
1,1-Dichloroethane			Not detected		5.0
1,1-Dichloroethylene			Not detected		5.0
1,1-Dichloropropylene			Not detected		5.0
1,2,3-Trichlorobenzene			Not detected		5.0
1,2,3-Trichloropropane			Not detected		5.0
1,2,4-Trichlorobenzene			Not detected		5.0
1,2,4-Trimethylbenzene			Not detected		5.0
1,2-Dibromo-3-chloropropane			Not detected		5.0
1,2-Dibromoethane			Not detected		5.0
1,2-Dichlorobenzene			Not detected		5.0
1,2-Dichloroethane			Not detected		5.0
1,2-Dichloropropane			Not detected		5.0
1,3,5-Trimethylbenzene			Not detected		5.0
1,3-Dichlorobenzene			Not detected		5.0
1,3-Dichloropropane			Not detected		5.0
1,4-Dichlorobenzene			Not detected		5.0
2,2-Dichloropropane			Not detected		5.0
2-Chlorotoluene			Not detected		5.0
4-Chlorotoluene			Not detected		5.0
Benzene			Not detected		5.0
Bromobenzene			Not detected		5.0
Bromochloromethane			Not detected		5.0
Bromodichloromethane			Not detected		5.0
Bromoform			Not detected		5.0
Bromomethane			Not detected		5.0
Carbon tetrachloride			Not detected		5.0
Chlorobenzene			Not detected		5.0
Chloroethane			Not detected		5.0
Chloroform			Not detected		5.0
Chloromethane			Not detected		5.0
cis-1,2-Dichloroethylene			Not detected		5.0
cis-1,3-Dichloropropylene			Not detected		5.0
Dibromochloromethane			Not detected		5.0
Dibromomethane			Not detected		5.0
Dichlorodifluoromethane			Not detected		5.0
Ethylbenzene			Not detected		5.0
Hexachlorobutadiene			Not detected		5.0
Isopropylbenzene			Not detected		5.0
Methyl tert-butyl ether (MTBE)			Not detected		5.0
Methylene chloride			3	JB	10.0
Naphthalene			Not detected		5.0
n-Butylbenzene			Not detected		5.0
n-Propylbenzene			Not detected		5.0

YORK

Client Sample ID			MW 6		
York Sample ID			09120736-02		
Matrix			WATER		
Parameter	Method	Units	Result	Qualifier	RL
o-Xylene			Not detected		5.0
p- & m-Xylenes			Not detected		5.0
p-Isopropyltoluene			Not detected		5.0
sec-Butylbenzene			Not detected		5.0
Styrene			Not detected		5.0
tert-Butylbenzene			Not detected		5.0
Tetrachloroethylene			89		5.0
Toluene			Not detected		5.0
trans-1,2-Dichloroethylene			Not detected		5.0
trans-1,3-Dichloropropylene			Not detected		5.0
Trichloroethylene			Not detected		5.0
Trichlorofluoromethane			Not detected		5.0
Vinyl chloride			Not detected		5.0

Client Sample ID			MW 4		
York Sample ID			09120736-03		
Matrix			WATER		
Parameter	Method	Units	Result	Qualifier	RL
Volatiles, 8260 List + MTBE	SW846-8260	ug/L	---	---	---
1,1,1,2-Tetrachloroethane			Not detected		5.0
1,1,1-Trichloroethane			Not detected		5.0
1,1,2,2-Tetrachloroethane			Not detected		5.0
1,1,2-Trichloroethane			Not detected		5.0
1,1-Dichloroethane			Not detected		5.0
1,1-Dichloroethylene			Not detected		5.0
1,1-Dichloropropylene			Not detected		5.0
1,2,3-Trichlorobenzene			Not detected		5.0
1,2,3-Trichloropropane			Not detected		5.0
1,2,4-Trichlorobenzene			Not detected		5.0
1,2,4-Trimethylbenzene			Not detected		5.0
1,2-Dibromo-3-chloropropane			Not detected		5.0
1,2-Dibromoethane			Not detected		5.0
1,2-Dichlorobenzene			Not detected		5.0
1,2-Dichloroethane			Not detected		5.0
1,2-Dichloropropane			Not detected		5.0
1,3,5-Trimethylbenzene			Not detected		5.0
1,3-Dichlorobenzene			Not detected		5.0
1,3-Dichloropropane			Not detected		5.0
1,4-Dichlorobenzene			Not detected		5.0
2,2-Dichloropropane			Not detected		5.0
2-Chlorotoluene			Not detected		5.0
4-Chlorotoluene			Not detected		5.0
Benzene			Not detected		5.0
Bromobenzene			Not detected		5.0
Bromochloromethane			Not detected		5.0
Bromodichloromethane			Not detected		5.0
Bromoform			Not detected		5.0

YORK

Client Sample ID			MW 4		
York Sample ID			09120736-03		
Matrix			WATER		
Parameter	Method	Units	Result	Qualifier	RL
Bromomethane			Not detected		5.0
Carbon tetrachloride			Not detected		5.0
Chlorobenzene			Not detected		5.0
Chloroethane			Not detected		5.0
Chloroform			Not detected		5.0
Chloromethane			Not detected		5.0
cis-1,2-Dichloroethylene			Not detected		5.0
cis-1,3-Dichloropropylene			Not detected		5.0
Dibromochloromethane			Not detected		5.0
Dibromomethane			Not detected		5.0
Dichlorodifluoromethane			Not detected		5.0
Ethylbenzene			Not detected		5.0
Hexachlorobutadiene			Not detected		5.0
Isopropylbenzene			Not detected		5.0
Methyl tert-butyl ether (MTBE)			Not detected		5.0
Methylene chloride			3	JB	10.0
Naphthalene			Not detected		5.0
n-Butylbenzene			Not detected		5.0
n-Propylbenzene			Not detected		5.0
o-Xylene			Not detected		5.0
p- & m-Xylenes			Not detected		5.0
p-Isopropyltoluene			Not detected		5.0
sec-Butylbenzene			Not detected		5.0
Styrene			Not detected		5.0
tert-Butylbenzene			Not detected		5.0
Tetrachloroethylene			3	J	5.0
Toluene			Not detected		5.0
trans-1,2-Dichloroethylene			Not detected		5.0
trans-1,3-Dichloropropylene			Not detected		5.0
Trichloroethylene			Not detected		5.0
Trichlorofluoromethane			Not detected		5.0
Vinyl chloride			Not detected		5.0

Client Sample ID			MW 1		
York Sample ID			09120736-04		
Matrix			WATER		
Parameter	Method	Units	Result	Qualifier	RL
Volatiles, 8260 List + MTBE	SW846-8260	ug/L	---	---	---
1,1,1,2-Tetrachloroethane			Not detected		5.0
1,1,1-Trichloroethane			Not detected		5.0
1,1,2,2-Tetrachloroethane			Not detected		5.0
1,1,2-Trichloroethane			Not detected		5.0
1,1-Dichloroethane			Not detected		5.0
1,1-Dichloroethylene			Not detected		5.0
1,1-Dichloropropylene			Not detected		5.0
1,2,3-Trichlorobenzene			Not detected		5.0
1,2,3-Trichloropropane			Not detected		5.0

YORK

Client Sample ID			MW 1		
York Sample ID			09120736-04		
Matrix			WATER		
Parameter	Method	Units	Result	Qualifier	RL
1,2,4-Trichlorobenzene			Not detected		5.0
1,2,4-Trimethylbenzene			Not detected		5.0
1,2-Dibromo-3-chloropropane			Not detected		5.0
1,2-Dibromoethane			Not detected		5.0
1,2-Dichlorobenzene			Not detected		5.0
1,2-Dichloroethane			Not detected		5.0
1,2-Dichloropropane			Not detected		5.0
1,3,5-Trimethylbenzene			Not detected		5.0
1,3-Dichlorobenzene			Not detected		5.0
1,3-Dichloropropane			Not detected		5.0
1,4-Dichlorobenzene			Not detected		5.0
2,2-Dichloropropane			Not detected		5.0
2-Chlorotoluene			Not detected		5.0
4-Chlorotoluene			Not detected		5.0
Benzene			Not detected		5.0
Bromobenzene			Not detected		5.0
Bromochloromethane			Not detected		5.0
Bromodichloromethane			Not detected		5.0
Bromoform			Not detected		5.0
Bromomethane			Not detected		5.0
Carbon tetrachloride			Not detected		5.0
Chlorobenzene			Not detected		5.0
Chloroethane			Not detected		5.0
Chloroform			Not detected		5.0
Chloromethane			Not detected		5.0
cis-1,2-Dichloroethylene			Not detected		5.0
cis-1,3-Dichloropropylene			Not detected		5.0
Dibromochloromethane			Not detected		5.0
Dibromomethane			Not detected		5.0
Dichlorodifluoromethane			Not detected		5.0
Ethylbenzene			Not detected		5.0
Hexachlorobutadiene			Not detected		5.0
Isopropylbenzene			Not detected		5.0
Methyl tert-butyl ether (MTBE)			Not detected		5.0
Methylene chloride			3	JB	10.0
Naphthalene			Not detected		5.0
n-Butylbenzene			Not detected		5.0
n-Propylbenzene			Not detected		5.0
o-Xylene			Not detected		5.0
p- & m-Xylenes			Not detected		5.0
p-Isopropyltoluene			Not detected		5.0
sec-Butylbenzene			Not detected		5.0
Styrene			Not detected		5.0
tert-Butylbenzene			Not detected		5.0
Tetrachloroethylene			13		5.0
Toluene			Not detected		5.0
trans-1,2-Dichloroethylene			Not detected		5.0
trans-1,3-Dichloropropylene			Not detected		5.0

YORK

Client Sample ID			MW 1		
York Sample ID			09120736-04		
Matrix			WATER		
Parameter	Method	Units	Result	Qualifier	RL
Trichloroethylene			Not detected		5.0
Trichlorofluoromethane			Not detected		5.0
Vinyl chloride			Not detected		5.0

Client Sample ID			MW 5		
York Sample ID			09120736-05		
Matrix			WATER		
Parameter	Method	Units	Result	Qualifier	RL
Volatiles, 8260 List + MTBE	SW846-8260	ug/L	---	---	---
1,1,1,2-Tetrachloroethane			Not detected		5.0
1,1,1-Trichloroethane			Not detected		5.0
1,1,2,2-Tetrachloroethane			Not detected		5.0
1,1,2-Trichloroethane			Not detected		5.0
1,1-Dichloroethane			Not detected		5.0
1,1-Dichloroethylene			Not detected		5.0
1,1-Dichloropropylene			Not detected		5.0
1,2,3-Trichlorobenzene			Not detected		5.0
1,2,3-Trichloropropane			Not detected		5.0
1,2,4-Trichlorobenzene			Not detected		5.0
1,2,4-Trimethylbenzene			Not detected		5.0
1,2-Dibromo-3-chloropropane			Not detected		5.0
1,2-Dibromoethane			Not detected		5.0
1,2-Dichlorobenzene			Not detected		5.0
1,2-Dichloroethane			Not detected		5.0
1,2-Dichloropropane			Not detected		5.0
1,3,5-Trimethylbenzene			Not detected		5.0
1,3-Dichlorobenzene			Not detected		5.0
1,3-Dichloropropane			Not detected		5.0
1,4-Dichlorobenzene			Not detected		5.0
2,2-Dichloropropane			Not detected		5.0
2-Chlorotoluene			Not detected		5.0
4-Chlorotoluene			Not detected		5.0
Benzene			Not detected		5.0
Bromobenzene			Not detected		5.0
Bromochloromethane			Not detected		5.0
Bromodichloromethane			Not detected		5.0
Bromoform			Not detected		5.0
Bromomethane			Not detected		5.0
Carbon tetrachloride			Not detected		5.0
Chlorobenzene			Not detected		5.0
Chloroethane			Not detected		5.0
Chloroform			Not detected		5.0
Chloromethane			Not detected		5.0
cis-1,2-Dichloroethylene			Not detected		5.0
cis-1,3-Dichloropropylene			Not detected		5.0
Dibromochloromethane			Not detected		5.0
Dibromomethane			Not detected		5.0

Client Sample ID			MW 5		
York Sample ID			09120736-05		
Matrix			WATER		
Parameter	Method	Units	Result	Qualifier	RL
Dichlorodifluoromethane			Not detected		5.0
Ethylbenzene			Not detected		5.0
Hexachlorobutadiene			Not detected		5.0
Isopropylbenzene			Not detected		5.0
Methyl tert-butyl ether (MTBE)			Not detected		5.0
Methylene chloride			4	JB	10.0
Naphthalene			Not detected		5.0
n-Butylbenzene			Not detected		5.0
n-Propylbenzene			Not detected		5.0
o-Xylene			Not detected		5.0
p- & m-Xylenes			Not detected		5.0
p-Isopropyltoluene			Not detected		5.0
sec-Butylbenzene			Not detected		5.0
Styrene			Not detected		5.0
tert-Butylbenzene			Not detected		5.0
Tetrachloroethylene			55		5.0
Toluene			Not detected		5.0
trans-1,2-Dichloroethylene			Not detected		5.0
trans-1,3-Dichloropropylene			Not detected		5.0
Trichloroethylene			Not detected		5.0
Trichlorofluoromethane			Not detected		5.0
Vinyl chloride			Not detected		5.0

Client Sample ID			MW 2		
York Sample ID			09120736-06		
Matrix			WATER		
Parameter	Method	Units	Result	Qualifier	RL
Volatiles, 8260 List + MTBE	SW846-8260	ug/L	---	---	---
1,1,1,2-Tetrachloroethane			Not detected		5.0
1,1,1-Trichloroethane			Not detected		5.0
1,1,2,2-Tetrachloroethane			Not detected		5.0
1,1,2-Trichloroethane			Not detected		5.0
1,1-Dichloroethane			Not detected		5.0
1,1-Dichloroethylene			Not detected		5.0
1,1-Dichloropropylene			Not detected		5.0
1,2,3-Trichlorobenzene			Not detected		5.0
1,2,3-Trichloropropane			Not detected		5.0
1,2,4-Trichlorobenzene			Not detected		5.0
1,2,4-Trimethylbenzene			Not detected		5.0
1,2-Dibromo-3-chloropropane			Not detected		5.0
1,2-Dibromoethane			Not detected		5.0
1,2-Dichlorobenzene			Not detected		5.0
1,2-Dichloroethane			Not detected		5.0
1,2-Dichloropropane			Not detected		5.0
1,3,5-Trimethylbenzene			Not detected		5.0
1,3-Dichlorobenzene			Not detected		5.0
1,3-Dichloropropane			Not detected		5.0

YORK

Client Sample ID			MW 2		
York Sample ID			09120736-06		
Matrix			WATER		
Parameter	Method	Units	Result	Qualifier	RL
1,4-Dichlorobenzene			Not detected		5.0
2,2-Dichloropropane			Not detected		5.0
2-Chlorotoluene			Not detected		5.0
4-Chlorotoluene			Not detected		5.0
Benzene			Not detected		5.0
Bromobenzene			Not detected		5.0
Bromochloromethane			Not detected		5.0
Bromodichloromethane			Not detected		5.0
Bromoform			Not detected		5.0
Bromomethane			Not detected		5.0
Carbon tetrachloride			Not detected		5.0
Chlorobenzene			Not detected		5.0
Chloroethane			Not detected		5.0
Chloroform			Not detected		5.0
Chloromethane			Not detected		5.0
cis-1,2-Dichloroethylene			Not detected		5.0
cis-1,3-Dichloropropylene			Not detected		5.0
Dibromochloromethane			Not detected		5.0
Dibromomethane			Not detected		5.0
Dichlorodifluoromethane			Not detected		5.0
Ethylbenzene			Not detected		5.0
Hexachlorobutadiene			Not detected		5.0
Isopropylbenzene			Not detected		5.0
Methyl tert-butyl ether (MTBE)			Not detected		5.0
Methylene chloride			3	JB	10.0
Naphthalene			Not detected		5.0
n-Butylbenzene			Not detected		5.0
n-Propylbenzene			Not detected		5.0
o-Xylene			Not detected		5.0
p- & m-Xylenes			Not detected		5.0
p-Isopropyltoluene			Not detected		5.0
sec-Butylbenzene			Not detected		5.0
Styrene			Not detected		5.0
tert-Butylbenzene			Not detected		5.0
Tetrachloroethylene			13		5.0
Toluene			Not detected		5.0
trans-1,2-Dichloroethylene			Not detected		5.0
trans-1,3-Dichloropropylene			Not detected		5.0
Trichloroethylene			Not detected		5.0
Trichlorofluoromethane			Not detected		5.0
Vinyl chloride			Not detected		5.0

Client Sample ID			Field Blank		
York Sample ID			09120736-07		
Matrix			WATER		
Parameter	Method	Units	Result	Qualifier	RL
Volatiles, 8260 List + MTBE	SW846-8260	ug/L	---	---	---
1,1,1,2-Tetrachloroethane			Not detected		5.0
1,1,1-Trichloroethane			Not detected		5.0
1,1,2,2-Tetrachloroethane			Not detected		5.0
1,1,2-Trichloroethane			Not detected		5.0
1,1-Dichloroethane			Not detected		5.0
1,1-Dichloroethylene			Not detected		5.0
1,1-Dichloropropylene			Not detected		5.0
1,2,3-Trichlorobenzene			Not detected		5.0
1,2,3-Trichloropropane			Not detected		5.0
1,2,4-Trichlorobenzene			Not detected		5.0
1,2,4-Trimethylbenzene			Not detected		5.0
1,2-Dibromo-3-chloropropane			Not detected		5.0
1,2-Dibromoethane			Not detected		5.0
1,2-Dichlorobenzene			Not detected		5.0
1,2-Dichloroethane			Not detected		5.0
1,2-Dichloropropane			Not detected		5.0
1,3,5-Trimethylbenzene			Not detected		5.0
1,3-Dichlorobenzene			Not detected		5.0
1,3-Dichloropropane			Not detected		5.0
1,4-Dichlorobenzene			Not detected		5.0
2,2-Dichloropropane			Not detected		5.0
2-Chlorotoluene			Not detected		5.0
4-Chlorotoluene			Not detected		5.0
Benzene			Not detected		5.0
Bromobenzene			Not detected		5.0
Bromochloromethane			Not detected		5.0
Bromodichloromethane			Not detected		5.0
Bromoform			Not detected		5.0
Bromomethane			Not detected		5.0
Carbon tetrachloride			Not detected		5.0
Chlorobenzene			Not detected		5.0
Chloroethane			Not detected		5.0
Chloroform			Not detected		5.0
Chloromethane			Not detected		5.0
cis-1,2-Dichloroethylene			Not detected		5.0
cis-1,3-Dichloropropylene			Not detected		5.0
Dibromochloromethane			Not detected		5.0
Dibromomethane			Not detected		5.0
Dichlorodifluoromethane			Not detected		5.0
Ethylbenzene			Not detected		5.0
Hexachlorobutadiene			Not detected		5.0
Isopropylbenzene			Not detected		5.0
Methyl tert-butyl ether (MTBE)			Not detected		5.0
Methylene chloride			3	JB	10.0
Naphthalene			Not detected		5.0
n-Butylbenzene			Not detected		5.0
n-Propylbenzene			Not detected		5.0

YORK

YORK

Client Sample ID			Field Blank		
York Sample ID			09120736-07		
Matrix			WATER		
Parameter	Method	Units	Result	Qualifier	RL
o-Xylene			Not detected		5.0
p- & m-Xylenes			Not detected		5.0
p-Isopropyltoluene			Not detected		5.0
sec-Butylbenzene			Not detected		5.0
Styrene			Not detected		5.0
tert-Butylbenzene			Not detected		5.0
Tetrachloroethylene			Not detected		5.0
Toluene			Not detected		5.0
trans-1,2-Dichloroethylene			Not detected		5.0
trans-1,3-Dichloropropylene			Not detected		5.0
Trichloroethylene			Not detected		5.0
Trichlorofluoromethane			Not detected		5.0
Vinyl chloride			Not detected		5.0

Client Sample ID			Duplicate Sample		
York Sample ID			09120736-08		
Matrix			WATER		
Parameter	Method	Units	Result	Qualifier	RL
Volatiles, 8260 List + MTBE	SW846-8260	ug/L	---	---	---
1,1,1,2-Tetrachloroethane			Not detected		5.0
1,1,1-Trichloroethane			Not detected		5.0
1,1,2,2-Tetrachloroethane			Not detected		5.0
1,1,2-Trichloroethane			Not detected		5.0
1,1-Dichloroethane			Not detected		5.0
1,1-Dichloroethylene			Not detected		5.0
1,1-Dichloropropylene			Not detected		5.0
1,2,3-Trichlorobenzene			Not detected		5.0
1,2,3-Trichloropropane			Not detected		5.0
1,2,4-Trichlorobenzene			Not detected		5.0
1,2,4-Trimethylbenzene			Not detected		5.0
1,2-Dibromo-3-chloropropane			Not detected		5.0
1,2-Dibromoethane			Not detected		5.0
1,2-Dichlorobenzene			Not detected		5.0
1,2-Dichloroethane			Not detected		5.0
1,2-Dichloropropane			Not detected		5.0
1,3,5-Trimethylbenzene			Not detected		5.0
1,3-Dichlorobenzene			Not detected		5.0
1,3-Dichloropropane			Not detected		5.0
1,4-Dichlorobenzene			Not detected		5.0
2,2-Dichloropropane			Not detected		5.0
2-Chlorotoluene			Not detected		5.0
4-Chlorotoluene			Not detected		5.0
Benzene			Not detected		5.0
Bromobenzene			Not detected		5.0
Bromochloromethane			Not detected		5.0
Bromodichloromethane			Not detected		5.0
Bromoform			Not detected		5.0

YORK

Client Sample ID			Duplicate Sample		
York Sample ID			09120736-08		
Matrix			WATER		
Parameter	Method	Units	Result	Qualifier	RL
Bromomethane			Not detected		5.0
Carbon tetrachloride			Not detected		5.0
Chlorobenzene			Not detected		5.0
Chloroethane			Not detected		5.0
Chloroform			Not detected		5.0
Chloromethane			Not detected		5.0
cis-1,2-Dichloroethylene			Not detected		5.0
cis-1,3-Dichloropropylene			Not detected		5.0
Dibromochloromethane			Not detected		5.0
Dibromomethane			Not detected		5.0
Dichlorodifluoromethane			Not detected		5.0
Ethylbenzene			Not detected		5.0
Hexachlorobutadiene			Not detected		5.0
Isopropylbenzene			Not detected		5.0
Methyl tert-butyl ether (MTBE)			Not detected		5.0
Methylene chloride			Not detected		10.0
Naphthalene			Not detected		5.0
n-Butylbenzene			Not detected		5.0
n-Propylbenzene			Not detected		5.0
o-Xylene			Not detected		5.0
p- & m-Xylenes			Not detected		5.0
p-Isopropyltoluene			Not detected		5.0
sec-Butylbenzene			Not detected		5.0
Styrene			Not detected		5.0
tert-Butylbenzene			Not detected		5.0
Tetrachloroethylene			42		5.0
Toluene			Not detected		5.0
trans-1,2-Dichloroethylene			Not detected		5.0
trans-1,3-Dichloropropylene			Not detected		5.0
Trichloroethylene			Not detected		5.0
Trichlorofluoromethane			Not detected		5.0
Vinyl chloride			Not detected		5.0

Client Sample ID			Trip Blank		
York Sample ID			09120736-09		
Matrix			WATER		
Parameter	Method	Units	Result	Qualifier	RL
Volatiles, 8260 List + MTBE	SW846-8260	ug/L	---	---	---
1,1,1,2-Tetrachloroethane			Not detected		5.0
1,1,1-Trichloroethane			Not detected		5.0
1,1,2,2-Tetrachloroethane			Not detected		5.0
1,1,2-Trichloroethane			Not detected		5.0
1,1-Dichloroethane			Not detected		5.0
1,1-Dichloroethylene			Not detected		5.0
1,1-Dichloropropylene			Not detected		5.0
1,2,3-Trichlorobenzene			Not detected		5.0
1,2,3-Trichloropropane			Not detected		5.0

YORK

Client Sample ID			Trip Blank		
York Sample ID			09120736-09		
Matrix			WATER		
Parameter	Method	Units	Result	Qualifier	RL
1,2,4-Trichlorobenzene			Not detected		5.0
1,2,4-Trimethylbenzene			Not detected		5.0
1,2-Dibromo-3-chloropropane			Not detected		5.0
1,2-Dibromoethane			Not detected		5.0
1,2-Dichlorobenzene			Not detected		5.0
1,2-Dichloroethane			Not detected		5.0
1,2-Dichloropropane			Not detected		5.0
1,3,5-Trimethylbenzene			Not detected		5.0
1,3-Dichlorobenzene			Not detected		5.0
1,3-Dichloropropane			Not detected		5.0
1,4-Dichlorobenzene			Not detected		5.0
2,2-Dichloropropane			Not detected		5.0
2-Chlorotoluene			Not detected		5.0
4-Chlorotoluene			Not detected		5.0
Benzene			Not detected		5.0
Bromobenzene			Not detected		5.0
Bromochloromethane			Not detected		5.0
Bromodichloromethane			Not detected		5.0
Bromoform			Not detected		5.0
Bromomethane			Not detected		5.0
Carbon tetrachloride			Not detected		5.0
Chlorobenzene			Not detected		5.0
Chloroethane			Not detected		5.0
Chloroform			Not detected		5.0
Chloromethane			Not detected		5.0
cis-1,2-Dichloroethylene			Not detected		5.0
cis-1,3-Dichloropropylene			Not detected		5.0
Dibromochloromethane			Not detected		5.0
Dibromomethane			Not detected		5.0
Dichlorodifluoromethane			Not detected		5.0
Ethylbenzene			Not detected		5.0
Hexachlorobutadiene			Not detected		5.0
Isopropylbenzene			Not detected		5.0
Methyl tert-butyl ether (MTBE)			Not detected		5.0
Methylene chloride			3	JB	10.0
Naphthalene			Not detected		5.0
n-Butylbenzene			Not detected		5.0
n-Propylbenzene			Not detected		5.0
o-Xylene			Not detected		5.0
p- & m-Xylenes			Not detected		5.0
p-Isopropyltoluene			Not detected		5.0
sec-Butylbenzene			Not detected		5.0
Styrene			Not detected		5.0
tert-Butylbenzene			Not detected		5.0
Tetrachloroethylene			Not detected		5.0
Toluene			Not detected		5.0
trans-1,2-Dichloroethylene			Not detected		5.0
trans-1,3-Dichloropropylene			Not detected		5.0

Client Sample ID			Trip Blank		
York Sample ID			09120736-09		
Matrix			WATER		
Parameter	Method	Units	Result	Qualifier	RL
Trichloroethylene			Not detected		5.0
Trichlorofluoromethane			Not detected		5.0
Vinyl chloride			Not detected		5.0

Units Key: For Waters/Liquids: mg/L = ppm ; ug/L = ppb For Soils/Solids: mg/kg = ppm ; ug/kg = ppb

Notes for York Project No. 09120736

1. The "RL" is the REPORTING LIMIT and is adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. This REPORTING LIMIT is based upon the lowest standard utilized for 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.
6. All analyses conducted met method or Laboratory SOP requirements.
7. It is noted that no analyses reported herein were subcontracted to another laboratory.
8. Other attachments to this report, including Chain-of-custody documentation and Case narratives are hereby made a part of this report.

Approved By: Robert Q. Bradley
Managing Director

Date: 12/24/2009

YORK

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

Field Chain-of-Custody Record

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

York Project No. 09120736

Client Information	Report To:	Invoice To:	Client Project ID	Turn-Around Time	Report Type/Deliverbles
Company: Mid-Hudson Geosciences	Company:	Company: American Cleaners	AC Kingston	24 hr	Summary ✓ QA/QC Summary
Address: 1003 Rt 44/55	Address: PO Box 332	Address: 360 Rt. 211 E	10940	48 hr	Results Only NY
Clintondale, NY 12515	B Packet	Middletown, NY	Purchase Order No.	72 hr	RCP Package ASP B Pkg ✓
Phone No: (845) 883-5866	Phone No.	Phone No: (845) 343-0111 → x102	N/A	5 Day	ASP A Pkg Excel format ✓ - data tables
Contact Person: Kathie BeinKafner	Attention:	Attention: Erez Halevah		Standard ✓	EDD OTHER PDF
E-Mail Address: rockdoctor@optonline.net	E-Mail Address:	E-Mail Address: erez190@aol.com	Samples from NY		

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.

Katherine J BeinKafner
Samples Collected/Authorized By (Signature)

Katherine J. BeinKafner
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	Miscellaneous Parameters		
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity	Nitrate	Color
624	Site Spec.	STARS	8081Pest	PP13	TPH DRO	TCL Organics	Reactivity	Nitrite	Phenols
STARS	SPLP or TCLP	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability	TKN	Cyanide-T
BTEX	Benzene	Acids Only	CT RCP	CT15	NY 310-13	Full TCLP	Flash Point	Tot Nitrogen	Cyanide-A
MTBE	Nassau Co.	PAH	App. IX	Total	TPH 418.1	Full App. IX	Sieve Anal.	Ammonia-N	BOD5
TCL list	Suffolk Co.	TAGM	Site Spec.	Dissolved	Air TO14A	Part 360-Routine	Heterotrophs	Chloride	CBOD5
TAGM	Ketones	CT RCP	SPLP or TCLP	SPLP or TCLP	Air TO15	Part 360-Baseline	TOX	Phosphate	BOD28
CT RCP	Oxygenates	TCL list	TCLP Pest	Indiv. Metals	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.	Tot. Phos.	COD
Arom.	TCLP list	TICs	TCLP Herb	Hg, Pb, As, Cd	Air VPH	Part 360-Expanded Full List	Aquatic Tox.	Oil&Grease	TSS
Halog.	524.2	App. IX	Chlordane	Cr, Ni, Be, Fe,	Air TICs	NYCDEP Sewer	TOC	F.O.G.	Total Solids
App.IX	502.2	SPLP or TCLP	608 Pest	Se, Tl, Sb, Cu,	Methane	NYSDEC Sewer	Asbestos	pH	TDS
8021B list	5035	TCLP BNA	608 PCB	Na, Mn, Ag, etc.	Helium	TAGM	Silica	MBAS	TPH - IR

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
MW 3	12/14/09	groundwater	8260 full + MTBE	3-40ml ✓
MW 6	12/14/09	groundwater	8260 full + MTBE	3-40 ml ✓
MW 4	12/14/09	groundwater	8260 full + MTBE	3-40ml ✓
MW 1	12/14/09	groundwater	8260 full + MTBE	3-40 ml ✓
MW 5	12/15/09	groundwater	8260 full + MTBE	3-40ml ✓
MW 2	12/15/09	groundwater	8260 full + MTBE	3-40ml ✓
Matrix Spike	12/14/09	groundwater	8260 full + MTBE	3-40ml ✓
Matrix Spike Duplicate	12/14/09	groundwater	8260 full + MTBE	3-40ml ✓
Field Blank	12/14/09	distilled water	8260 full + MTBE	3-40ml ✓

Preservation (Check those Applicable): 4°C ___ Frozen ___ HCl ✓ MeOH ___ | 4°C ___ | 4°C ___ | HNO_3 ___ 4°C ___ | 4°C ___ H_2SO_4 ___ Other ___ | 4°C ___ ZnAc ___ Ascorbic ___ H_2SO_4 ___ NaOH ___ Other ___

Comments
Chemical of Concern - Tetrachloroethene and breakdown products

Katherine J BeinKafner 12/16/09 930 AM
Samples Relinquished By Date/Time

Samples Relinquished By Date/Time

Chris C 12-17-09 13:55
Samples Received By Date/Time

PGrace 12/17/09 1650
Samples Received in LAB by Date/Time

Temperature on Receipt 3.7° °C

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

Field Chain-of-Custody Record

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

York Project No. 09120736

Client Information	Report To:	Invoice To:	Client Project ID	Turn-Around Time	Report Type/Deliverbles
Company: Mid-Hudson Geosciences	Company:	Company: American Cleaners	AC Kingston	24 hr	see page 1 of 2
Address:	Address:	Address:		48 hr	Summary Results Only / QA/QC Summary
Phone No.	Phone No.	Phone No.	Purchase Order No.	72 hr	RCP Package / ASP B Pkg
Contact Person: Kathie BeinKafner	Attention:	Attention: Erez Halevah		5 Day	ASP A Pkg / Excel format
E-Mail Address:	E-Mail Address:	E-Mail Address:		Standard ✓	EDD / OTHER

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.

Katherine J BeinKafner
Samples Collected/Authorized By (Signature)

Katherine J. BeinKafner
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	Miscellaneous Parameters		
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity	Nitrate	Color
624	Site Spec.	STARS	8081Pest	PP13	TPH DRO	TCL Organics	Reactivity	Nitrite	Phenols
STARS	SPLP or TCLP	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability	TKN	Cyanide-T
BTEX	Benzene	Acids Only	CT RCP	CT15	NY 310-13	Full TCLP	Flash Point	Tot. Nitrogen	Cyanide-A
MTBE	Nassau Co.	PAH	App. IX	Total	TPH 418.1	Full App. IX	Sieve Anal.	Ammonia-N	BOD5
TCL list	Suffolk Co.	TAGM	Site Spec.	Dissolved	Air TO14A	Part 360-Routine	Heterotrophs	Chloride	CBOD5
TAGM	Ketones	CT RCP	SPLP or TCLP	SPLP or TCLP	Air TO15	Part 360-Baseline	TOX	Phosphate	BOD28
CT RCP	Oxygenates	TCL list	TCLP Pest	Indiv. Metals	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.	Tot. Phos.	COD
Arom.	TCLP list	TICs	TCLP Herb	Hg, Pb, As, Cd	Air VPH	Part 360-Expanded Full List	Aquatic Tox.	Oil&Grease	TSS
Halog.	524.2	App. IX	Chlordane	Cr, Ni, Be, Fe,	Air TICs	NYCDEP Sewer	TOC	F.O.G.	Total Solids
App.IX	502.2	SPLP or TCLP	608 Pest	Se, Tl, Sb, Cu,	Methane	NYSDEC Sewer	Asbestos	pH	TDS
8021B list	5035	TCLP BNA	608 PCB	Na, Mn, Ag, etc.	Helium	TAGM	Silica	MBAS	TPH - IR

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
Duplicate Sample	12/15/09	groundwater	8260 full + MTBE	3-40ml V
Trip Blank	12/15/09	distilled water	8260 full + MTBE	2-40ml V

Preservation Check those Applicable

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

Comments
Chemical of concern - Tetracholorethene and breakdown products

Katherine J BeinKafner 11/16/09 930 AM
Samples Relinquished By Date/Time

Samples Relinquished By Date/Time

Chris C 12-18-09 13:55
Samples Received By Date/Time

P Grace 12/17/09 @ 1655
Samples Received in LAB by Date/Time

Temperature on Receipt 3.7 °C

YORK
ANALYTICAL LABORATORIES, INC.
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Field Chain-of-Custody Record

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York Project No. 09120736

Client Information	Report To:	Invoice To:	Client Project ID	Turn-Around Time	Report Type/Deliverbles
Company: Mid-Hudson Geosciences	Company: Summary	Company: American Cleaners	AC Kingston	24 hr	Summary ✓ QA/QC Summary
Address: 1003 Rt 44/55 PO Box 332	Address:	Address: 360 Rt 211 E	10940	48 hr	Results Only NY
Clintondale, NY 12515	B Packet	Middletown, NY	Purchase Order No.	72 hr	RCP Package ASP B Pkg ✓
Phone No: (845) 883-5866	Phone No:	Phone No: (845) 343-0111 x102	N/A	5 Day	ASP A Pkg Excel format ✓ - data table
Contact Person: Kathie BeinKafner	Attention:	Attention: Erez Halevah		Standard ✓	EDD OTHER PDF
E-Mail Address: rockdoctor@optonline.net	E-Mail Address:	E-Mail Address: erez19@aol.com	Samples from NY		

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.

Katherine J BeinKafner
Samples Collected/Authorized By (Signature)

Katherine J. BeinKafner
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 List	Miscellaneous Parameters		
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH-GRO	Pri.Poll.	Corrosivity	Nitrate	Color
624	Site Spec.	STARS	8081Pest	PP13	TPH-DRO	TCL Organics	Reactivity	Nitrite	Phenols
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MTBE	Nassau Co.	PAH	App. IX	Total	TPH 418.1	Full App. IX	Sieve Anal.	Ammonia-N	BOD5
TCL list	Suffolk Co.	TAGM	Site Spec.	Dissolved	Air TO14A	Part 360-Routine	Heterotrophs	Chloride	CBOD5
TAGM	Ketones	CT RCP	SPLP or TCLP	SPLP or TCLP	Air TO15	Part 360-Baseline	TOX	Phosphate	BOD28
CT RCP	Oxygenates	TCL list	TCLP Pest	Indiv. Metals	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.	Tot. Phos.	COD
Arom.	TCLP list	TICs	TCLP Herb	Hg, Pb, As, Cd	Air VPH	Part 360-Expanded Full List	Aquatic Tox.	Oil&Grease	TSS
Halog.	524.2	App. IX	Chlordane	Cr, Ni, Be, Fe,	Air TICs	NYCDEP Sewer	TOC	F.O.G.	Total Solids
App.IX	502.2	SPLP or TCLP	608 Pest	Se, Tl, Sb, Cu,	Methane	NYSDEC Sewer	Asbestos	pH	TDS
8021B list	5035	TCLP BNA	608 PCB	Na, Mn, Ag, etc.	Helium	TAGM	Silica	MBAS	TPH-IR

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
* MW 3	12/14/09	groundwater	8260 full + MTBE	3-40ml ✓
MW 6	12/14/09	groundwater	8260 full + MTBE	3-40ml ✓
MW 4	12/14/09	groundwater	8260 full + MTBE	3-40ml ✓
MW 1	12/14/09	groundwater	8260 full + MTBE	3-40ml ✓
MW 5	12/15/09	groundwater	8260 full + MTBE	3-40ml ✓
MW 2	12/15/09	groundwater	8260 full + MTBE	3-40ml ✓
Matrix Spike	12/14/09	groundwater	8260 full + MTBE S — sampled on MW-3	3-40ml ✓
Matrix Spike Duplicate	12/14/09	groundwater	8260 full + MTBE S — as per Kathie BeinKafner	3-40ml ✓
Field Blank	12/14/09	distilled water	8260 full + MTBE — 12/18/09	3-40ml ✓

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

Comments
Chemical of Concern - Tetrachloroethene and breakdown products

Katherine J BeinKafner 12/16/09 930 AM
Samples Relinquished By Date/Time

Samples Relinquished By Date/Time

Chris C 12-17-09 13:55
Samples Received By Date/Time

PGrace 12/17/09 1655
Samples Received in LAB by Date/Time

Temperature on Receipt 3.7° °C

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

Mid-Hudson Geosciences
1003 NY Route 44/55, P.O.Box 332
Clintondale NY, 12515-0332
Attention: Katherine Beinkafner

Report Date: 04/04/2013
Client Project ID: American Cleaners Kingston Sub-Slab
York Project (SDG) No.: 13C0768

Report Date: 04/04/2013
Client Project ID: American Cleaners Kingston Sub-Slab
York Project (SDG) No.: 13C0768

Mid-Hudson Geosciences
1003 NY Route 44/55, P.O.Box 332
Clintondale NY, 12515-0332
Attention: Katherine Beinkafner

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 March 27, 2013 and listed below. The project was identified as your project: **American Cleaners Kingston Sub-Slab**.

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
13C0768-01	XP1 SC# 06	Soil Vapor	03/25/2013	03/27/2013
13C0768-02	XP2 SC# 011	Soil Vapor	03/25/2013	03/27/2013
13C0768-03	XP3 SC# S24	Soil Vapor	03/25/2013	03/27/2013
13C0768-04	XP4 SC# 64	Soil Vapor	03/25/2013	03/27/2013

General Notes for York Project (SDG) No.: 13C0768

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: 04/04/2013

Robert Q. Bradley
Laboratory Director

YORK

Sample Information

Client Sample ID: XP1 SC# 06 **York Sample ID:** 13C0768-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0768	American Cleaners Kingston Sub-Slab	Soil Vapor	March 25, 2013 3:00 pm	03/27/2013

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	4.9	4.9	19.02	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:10	TD
108-05-4	Vinyl acetate	ND		ug/m³	6.8	6.8	19.02	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:10	TD
79-01-6	Trichloroethylene	ND		ug/m³	5.2	5.2	19.02	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:10	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	8.8	8.8	19.02	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:10	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	7.7	7.7	19.02	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:10	TD
108-88-3	Toluene	ND		ug/m³	7.3	7.3	19.02	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:10	TD
109-99-9	Tetrahydrofuran	ND		ug/m³	5.7	5.7	19.02	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:10	TD
127-18-4	Tetrachloroethylene	**2300**		ug/m³	33	33	47.55	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 21:20	TD
100-42-5	Styrene	ND		ug/m³	8.2	8.2	19.02	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:10	TD
115-07-01	Propylene	ND		ug/m³	3.3	3.3	19.02	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:10	TD
622-96-8	p-Ethyltoluene	ND		ug/m³	48	48	19.02	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:10	TD
179601-23-1	p- & m- Xylenes	ND		ug/m³	8.4	8.4	19.02	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:10	TD
95-47-6	o-Xylene	ND		ug/m³	8.4	8.4	19.02	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:10	TD
110-54-3	n-Hexane	ND		ug/m³	6.8	6.8	19.02	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:10	TD
142-82-5	n-Heptane	ND		ug/m³	7.9	7.9	19.02	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:10	TD
75-09-2	Methylene chloride	ND		ug/m³	6.7	6.7	19.02	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:10	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	7.0	7.0	19.02	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:10	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	7.9	7.9	19.02	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:10	TD
67-63-0	Isopropanol	ND		ug/m³	4.8	4.8	19.02	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:10	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	21	21	19.02	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:10	TD
100-41-4	Ethyl Benzene	ND		ug/m³	8.4	8.4	19.02	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:10	TD
141-78-6	Ethyl acetate	ND		ug/m³	7.0	7.0	19.02	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:10	TD
110-82-7	Cyclohexane	ND		ug/m³	6.7	6.7	19.02	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:10	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	8.8	8.8	19.02	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:10	TD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	7.7	7.7	19.02	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:10	TD
74-87-3	Chloromethane	ND		ug/m³	4.0	4.0	19.02	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:10	TD
67-66-3	Chloroform	ND		ug/m³	9.4	9.4	19.02	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:10	TD
75-00-3	Chloroethane	ND		ug/m³	5.1	5.1	19.02	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:10	TD
56-23-5	Carbon tetrachloride	ND		ug/m³	6.1	6.1	19.02	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:10	TD
75-15-0	Carbon disulfide	ND		ug/m³	6.0	6.0	19.02	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:10	TD
74-83-9	Bromomethane	ND		ug/m³	7.5	7.5	19.02	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:10	TD
75-25-2	Bromoform	ND		ug/m³	20	20	19.02	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:10	TD
75-27-4	Bromodichloromethane	ND		ug/m³	12	12	19.02	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:10	TD

Sample Information

Client Sample ID: XP1 SC# 06 **York Sample ID:** 13C0768-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0768	American Cleaners Kingston Sub-Slab	Soil Vapor	March 25, 2013 3:00 pm	03/27/2013

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-44-7	Benzyl chloride	ND		ug/m³	10	10	19.02	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:10	TD
71-43-2	Benzene	ND		ug/m³	6.2	6.2	19.02	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:10	TD
67-64-1	Acetone	ND		ug/m³	4.6	4.6	19.02	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:10	TD
591-78-6	2-Hexanone	ND		ug/m³	7.9	7.9	19.02	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:10	TD
78-93-3	2-Butanone	ND		ug/m³	5.7	5.7	19.02	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:10	TD
123-91-1	1,4-Dioxane	ND		ug/m³	7.0	7.0	19.02	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:10	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	12	12	19.02	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:10	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	12	12	19.02	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:10	TD
106-99-0	1,3-Butadiene	ND		ug/m³	8.4	8.4	19.02	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:10	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	9.5	9.5	19.02	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:10	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	14	14	19.02	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:10	TD
78-87-5	1,2-Dichloropropane	ND		ug/m³	8.9	8.9	19.02	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:10	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	7.8	7.8	19.02	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:10	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	12	12	19.02	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:10	TD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	9.5	9.5	19.02	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:10	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	14	14	19.02	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:10	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	7.7	7.7	19.02	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:10	TD
75-34-3	1,1-Dichloroethane	ND		ug/m³	7.8	7.8	19.02	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:10	TD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	11	11	19.02	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:10	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	11	11	19.02	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:10	TD
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/m³	15	15	19.02	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:10	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	13	13	19.02	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:10	TD
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	11	11	19.02	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:10	TD
75-71-8	Dichlorodifluoromethane	ND		ug/m³	9.6	9.6	19.02	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:10	TD
106-93-4	1,2-Dibromoethane	ND		ug/m³	15	15	19.02	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:10	TD
124-48-1	Dibromochloromethane	ND		ug/m³	16	16	19.02	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:10	TD
80-62-6	Methyl Methacrylate	ND		ug/m³	7.9	7.9	19.02	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:10	TD
108-90-7	Chlorobenzene	ND		ug/m³	8.9	8.9	19.02	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:10	TD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*112 %*	*70-130*

Sample Information

Client Sample ID: XP1 SC# 06 **York Sample ID:** 13C0768-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0768	American Cleaners Kingston Sub-Slab	Soil Vapor	March 25, 2013 3:00 pm	03/27/2013

Volatile Organics, AIR Tent. Identified Cmpds. **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0	JN-A	ug/m³			1	EPA Compendium TO15	04/04/2013 14:38	04/04/2013 14:39	SR

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

Sample Prepared by Method: PREP for GASES by GC

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-59-7	Helium	ND		%	0.95	0.95	1.902	GC/TCD	04/04/2013 10:54	04/04/2013 10:54	JW

Sample Information

Client Sample ID: XP2 SC# 011 **York Sample ID:** 13C0768-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0768	American Cleaners Kingston Sub-Slab	Soil Vapor	March 25, 2013 3:00 pm	03/27/2013

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	4.8	4.8	18.6	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:55	TD
108-05-4	Vinyl acetate	ND		ug/m³	6.7	6.7	18.6	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:55	TD
79-01-6	Trichloroethylene	**150**		ug/m³	5.1	5.1	18.6	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:55	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	8.6	8.6	18.6	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:55	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	7.5	7.5	18.6	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:55	TD
108-88-3	Toluene	ND		ug/m³	7.1	7.1	18.6	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:55	TD
109-99-9	Tetrahydrofuran	ND		ug/m³	5.6	5.6	18.6	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:55	TD
127-18-4	Tetrachloroethylene	**22000**		ug/m³	320	320	465	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 22:05	TD
100-42-5	Styrene	ND		ug/m³	8.1	8.1	18.6	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:55	TD
115-07-01	Propylene	ND		ug/m³	3.3	3.3	18.6	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:55	TD
622-96-8	p-Ethyltoluene	ND		ug/m³	46	46	18.6	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:55	TD
179601-23-1	p- & m- Xylenes	ND		ug/m³	8.2	8.2	18.6	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:55	TD
95-47-6	o-Xylene	ND		ug/m³	8.2	8.2	18.6	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:55	TD
110-54-3	n-Hexane	ND		ug/m³	6.7	6.7	18.6	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:55	TD
142-82-5	n-Heptane	ND		ug/m³	7.8	7.8	18.6	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:55	TD
75-09-2	Methylene chloride	ND		ug/m³	6.6	6.6	18.6	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:55	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	6.8	6.8	18.6	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:55	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	7.7	7.7	18.6	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:55	TD
67-63-0	Isopropanol	ND		ug/m³	4.6	4.6	18.6	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:55	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	20	20	18.6	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:55	TD

Sample Information

Client Sample ID: XP2 SC# 011 **York Sample ID:** 13C0768-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0768	American Cleaners Kingston Sub-Slab	Soil Vapor	March 25, 2013 3:00 pm	03/27/2013

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/m³	8.2	8.2	18.6	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:55	TD
141-78-6	Ethyl acetate	ND		ug/m³	6.8	6.8	18.6	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:55	TD
110-82-7	Cyclohexane	ND		ug/m³	6.5	6.5	18.6	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:55	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	8.6	8.6	18.6	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:55	TD
156-59-2	cis-1,2-Dichloroethylene	**29**		ug/m³	7.5	7.5	18.6	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:55	TD
74-87-3	Chloromethane	ND		ug/m³	3.9	3.9	18.6	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:55	TD
67-66-3	Chloroform	**27**		ug/m³	9.2	9.2	18.6	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:55	TD
75-00-3	Chloroethane	ND		ug/m³	5.0	5.0	18.6	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:55	TD
56-23-5	Carbon tetrachloride	ND		ug/m³	6.0	6.0	18.6	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:55	TD
75-15-0	Carbon disulfide	ND		ug/m³	5.9	5.9	18.6	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:55	TD
74-83-9	Bromomethane	ND		ug/m³	7.3	7.3	18.6	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:55	TD
75-25-2	Bromoform	ND		ug/m³	20	20	18.6	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:55	TD
75-27-4	Bromodichloromethane	ND		ug/m³	12	12	18.6	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:55	TD
100-44-7	Benzyl chloride	ND		ug/m³	9.8	9.8	18.6	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:55	TD
71-43-2	Benzene	ND		ug/m³	6.0	6.0	18.6	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:55	TD
67-64-1	Acetone	**14**		ug/m³	4.5	4.5	18.6	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:55	TD
591-78-6	2-Hexanone	ND		ug/m³	7.7	7.7	18.6	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:55	TD
78-93-3	2-Butanone	ND		ug/m³	5.6	5.6	18.6	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:55	TD
123-91-1	1,4-Dioxane	ND		ug/m³	6.8	6.8	18.6	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:55	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	11	11	18.6	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:55	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	11	11	18.6	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:55	TD
106-99-0	1,3-Butadiene	ND		ug/m³	8.2	8.2	18.6	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:55	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	9.3	9.3	18.6	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:55	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	13	13	18.6	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:55	TD
78-87-5	1,2-Dichloropropane	ND		ug/m³	8.7	8.7	18.6	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:55	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	7.7	7.7	18.6	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:55	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	11	11	18.6	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:55	TD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	9.3	9.3	18.6	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:55	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	14	14	18.6	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:55	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	7.5	7.5	18.6	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:55	TD
75-34-3	1,1-Dichloroethane	ND		ug/m³	7.7	7.7	18.6	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:55	TD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	11	11	18.6	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:55	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	10	10	18.6	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:55	TD
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/m³	14	14	18.6	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:55	TD

Sample Information

Client Sample ID: XP2 SC# 011 **York Sample ID:** 13C0768-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0768	American Cleaners Kingston Sub-Slab	Soil Vapor	March 25, 2013 3:00 pm	03/27/2013

Volatile Organics, EPA TO15 Full List

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	13	13	18.6	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:55	TD
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	10	10	18.6	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:55	TD
75-71-8	Dichlorodifluoromethane	ND		ug/m³	9.4	9.4	18.6	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:55	TD
106-93-4	1,2-Dibromoethane	ND		ug/m³	15	15	18.6	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:55	TD
124-48-1	Dibromochloromethane	ND		ug/m³	15	15	18.6	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:55	TD
80-62-6	Methyl Methacrylate	ND		ug/m³	7.7	7.7	18.6	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:55	TD
108-90-7	Chlorobenzene	ND		ug/m³	8.7	8.7	18.6	EPA Compendium TO-15	04/01/2013 12:54	04/01/2013 23:55	TD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*114 %*	*70-130*

Volatile Organics, AIR Tent. Identified Cmpds.

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0	JN-A	ug/m³			1	EPA Compendium TO15	04/04/2013 14:38	04/04/2013 14:39	SR

Helium

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

Sample Prepared by Method: PREP for GASES by GC

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-59-7	Helium	ND		%	0.93	0.93	1.86	GC/TCD	04/04/2013 10:54	04/04/2013 10:54	JW

Sample Information

Client Sample ID: XP3 SC# S24 **York Sample ID:** 13C0768-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0768	American Cleaners Kingston Sub-Slab	Soil Vapor	March 25, 2013 3:00 pm	03/27/2013

Volatile Organics, EPA TO15 Full List

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	4.4	4.4	16.8	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 00:40	TD
108-05-4	Vinyl acetate	ND		ug/m³	6.0	6.0	16.8	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 00:40	TD
79-01-6	Trichloroethylene	**49**		ug/m³	4.6	4.6	16.8	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 00:40	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	7.8	7.8	16.8	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 00:40	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	6.8	6.8	16.8	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 00:40	TD
108-88-3	Toluene	ND		ug/m³	6.4	6.4	16.8	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 00:40	TD
109-99-9	Tetrahydrofuran	ND		ug/m³	5.0	5.0	16.8	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 00:40	TD
127-18-4	Tetrachloroethylene	**17000**		ug/m³	290	290	420	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 22:49	TD

Sample Information

Client Sample ID: XP3 SC# S24 **York Sample ID:** 13C0768-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0768	American Cleaners Kingston Sub-Slab	Soil Vapor	March 25, 2013 3:00 pm	03/27/2013

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/m³	7.3	7.3	16.8	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 00:40	TD
115-07-01	Propylene	ND		ug/m³	2.9	2.9	16.8	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 00:40	TD
622-96-8	p-Ethyltoluene	ND		ug/m³	42	42	16.8	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 00:40	TD
179601-23-1	p- & m- Xylenes	ND		ug/m³	7.4	7.4	16.8	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 00:40	TD
95-47-6	o-Xylene	ND		ug/m³	7.4	7.4	16.8	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 00:40	TD
110-54-3	n-Hexane	ND		ug/m³	6.0	6.0	16.8	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 00:40	TD
142-82-5	n-Heptane	ND		ug/m³	7.0	7.0	16.8	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 00:40	TD
75-09-2	Methylene chloride	ND		ug/m³	5.9	5.9	16.8	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 00:40	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	6.1	6.1	16.8	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 00:40	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	7.0	7.0	16.8	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 00:40	TD
67-63-0	Isopropanol	ND		ug/m³	4.2	4.2	16.8	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 00:40	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	18	18	16.8	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 00:40	TD
100-41-4	Ethyl Benzene	ND		ug/m³	7.4	7.4	16.8	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 00:40	TD
141-78-6	Ethyl acetate	ND		ug/m³	6.2	6.2	16.8	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 00:40	TD
110-82-7	Cyclohexane	ND		ug/m³	5.9	5.9	16.8	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 00:40	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	7.8	7.8	16.8	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 00:40	TD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	6.8	6.8	16.8	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 00:40	TD
74-87-3	Chloromethane	ND		ug/m³	3.5	3.5	16.8	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 00:40	TD
67-66-3	Chloroform	ND		ug/m³	8.3	8.3	16.8	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 00:40	TD
75-00-3	Chloroethane	ND		ug/m³	4.5	4.5	16.8	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 00:40	TD
56-23-5	Carbon tetrachloride	ND		ug/m³	5.4	5.4	16.8	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 00:40	TD
75-15-0	Carbon disulfide	ND		ug/m³	5.3	5.3	16.8	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 00:40	TD
74-83-9	Bromomethane	ND		ug/m³	6.6	6.6	16.8	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 00:40	TD
75-25-2	Bromoform	ND		ug/m³	18	18	16.8	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 00:40	TD
75-27-4	Bromodichloromethane	ND		ug/m³	11	11	16.8	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 00:40	TD
100-44-7	Benzyl chloride	ND		ug/m³	8.8	8.8	16.8	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 00:40	TD
71-43-2	Benzene	ND		ug/m³	5.5	5.5	16.8	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 00:40	TD
67-64-1	Acetone	**69**		ug/m³	4.1	4.1	16.8	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 00:40	TD
591-78-6	2-Hexanone	ND		ug/m³	7.0	7.0	16.8	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 00:40	TD
78-93-3	2-Butanone	ND		ug/m³	5.0	5.0	16.8	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 00:40	TD
123-91-1	1,4-Dioxane	ND		ug/m³	6.2	6.2	16.8	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 00:40	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	10	10	16.8	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 00:40	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	10	10	16.8	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 00:40	TD
106-99-0	1,3-Butadiene	ND		ug/m³	7.4	7.4	16.8	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 00:40	TD

Sample Information

Client Sample ID: XP3 SC# S24 **York Sample ID:** 13C0768-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0768	American Cleaners Kingston Sub-Slab	Soil Vapor	March 25, 2013 3:00 pm	03/27/2013

Volatile Organics, EPA TO15 Full List

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	8.4	8.4	16.8	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 00:40	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	12	12	16.8	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 00:40	TD
78-87-5	1,2-Dichloropropane	ND		ug/m³	7.9	7.9	16.8	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 00:40	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	6.9	6.9	16.8	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 00:40	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	10	10	16.8	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 00:40	TD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	8.4	8.4	16.8	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 00:40	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	13	13	16.8	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 00:40	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	6.8	6.8	16.8	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 00:40	TD
75-34-3	1,1-Dichloroethane	ND		ug/m³	6.9	6.9	16.8	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 00:40	TD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	9.6	9.6	16.8	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 00:40	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	9.3	9.3	16.8	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 00:40	TD
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/m³	13	13	16.8	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 00:40	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	12	12	16.8	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 00:40	TD
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	9.3	9.3	16.8	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 00:40	TD
75-71-8	Dichlorodifluoromethane	ND		ug/m³	8.4	8.4	16.8	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 00:40	TD
106-93-4	1,2-Dibromoethane	ND		ug/m³	13	13	16.8	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 00:40	TD
124-48-1	Dibromochloromethane	ND		ug/m³	14	14	16.8	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 00:40	TD
80-62-6	Methyl Methacrylate	ND		ug/m³	7.0	7.0	16.8	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 00:40	TD
108-90-7	Chlorobenzene	ND		ug/m³	7.9	7.9	16.8	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 00:40	TD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*118 %*	*70-130*

Volatile Organics, AIR Tent. Identified Cmpds.

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0	JN-A	ug/m³			1	EPA Compendium TO15	04/04/2013 14:38	04/04/2013 14:39	SR

Helium

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

Sample Prepared by Method: PREP for GASES by GC

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-59-7	Helium	ND		%	0.84	0.84	1.68	GC/TCD	04/04/2013 10:54	04/04/2013 10:54	JW

Sample Information

Client Sample ID: XP4 SC# 64 **York Sample ID:** 13C0768-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0768	American Cleaners Kingston Sub-Slab	Soil Vapor	March 25, 2013 3:00 pm	03/27/2013

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	4.5	4.5	17.5	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 01:25	TD
108-05-4	Vinyl acetate	ND		ug/m³	6.3	6.3	17.5	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 01:25	TD
79-01-6	Trichloroethylene	ND		ug/m³	4.8	4.8	17.5	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 01:25	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	8.1	8.1	17.5	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 01:25	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	7.1	7.1	17.5	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 01:25	TD
108-88-3	Toluene	ND		ug/m³	6.7	6.7	17.5	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 01:25	TD
109-99-9	Tetrahydrofuran	ND		ug/m³	5.2	5.2	17.5	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 01:25	TD
127-18-4	Tetrachloroethylene	**1300**		ug/m³	12	12	17.5	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 01:25	TD
100-42-5	Styrene	ND		ug/m³	7.6	7.6	17.5	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 01:25	TD
115-07-01	Propylene	ND		ug/m³	3.1	3.1	17.5	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 01:25	TD
622-96-8	p-Ethyltoluene	ND		ug/m³	44	44	17.5	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 01:25	TD
179601-23-1	p- & m- Xylenes	ND		ug/m³	7.7	7.7	17.5	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 01:25	TD
95-47-6	o-Xylene	ND		ug/m³	7.7	7.7	17.5	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 01:25	TD
110-54-3	n-Hexane	ND		ug/m³	6.3	6.3	17.5	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 01:25	TD
142-82-5	n-Heptane	ND		ug/m³	7.3	7.3	17.5	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 01:25	TD
75-09-2	Methylene chloride	ND		ug/m³	6.2	6.2	17.5	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 01:25	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	6.4	6.4	17.5	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 01:25	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	7.3	7.3	17.5	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 01:25	TD
67-63-0	Isopropanol	ND		ug/m³	4.4	4.4	17.5	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 01:25	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	19	19	17.5	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 01:25	TD
100-41-4	Ethyl Benzene	ND		ug/m³	7.7	7.7	17.5	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 01:25	TD
141-78-6	Ethyl acetate	ND		ug/m³	6.4	6.4	17.5	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 01:25	TD
110-82-7	Cyclohexane	ND		ug/m³	6.1	6.1	17.5	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 01:25	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	8.1	8.1	17.5	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 01:25	TD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	7.1	7.1	17.5	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 01:25	TD
74-87-3	Chloromethane	ND		ug/m³	3.7	3.7	17.5	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 01:25	TD
67-66-3	Chloroform	ND		ug/m³	8.7	8.7	17.5	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 01:25	TD
75-00-3	Chloroethane	ND		ug/m³	4.7	4.7	17.5	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 01:25	TD
56-23-5	Carbon tetrachloride	ND		ug/m³	5.6	5.6	17.5	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 01:25	TD
75-15-0	Carbon disulfide	ND		ug/m³	5.5	5.5	17.5	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 01:25	TD
74-83-9	Bromomethane	ND		ug/m³	6.9	6.9	17.5	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 01:25	TD
75-25-2	Bromoform	ND		ug/m³	18	18	17.5	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 01:25	TD
75-27-4	Bromodichloromethane	ND		ug/m³	11	11	17.5	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 01:25	TD
100-44-7	Benzyl chloride	ND		ug/m³	9.2	9.2	17.5	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 01:25	TD

Sample Information

Client Sample ID: XP4 SC# 64 **York Sample ID:** 13C0768-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0768	American Cleaners Kingston Sub-Slab	Soil Vapor	March 25, 2013 3:00 pm	03/27/2013

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/m³	5.7	5.7	17.5	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 01:25	TD
67-64-1	Acetone	**84**		ug/m³	4.2	4.2	17.5	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 01:25	TD
591-78-6	2-Hexanone	ND		ug/m³	7.3	7.3	17.5	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 01:25	TD
78-93-3	2-Butanone	ND		ug/m³	5.2	5.2	17.5	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 01:25	TD
123-91-1	1,4-Dioxane	ND		ug/m³	6.4	6.4	17.5	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 01:25	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	11	11	17.5	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 01:25	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	11	11	17.5	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 01:25	TD
106-99-0	1,3-Butadiene	ND		ug/m³	7.7	7.7	17.5	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 01:25	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	8.8	8.8	17.5	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 01:25	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	12	12	17.5	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 01:25	TD
78-87-5	1,2-Dichloropropane	ND		ug/m³	8.2	8.2	17.5	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 01:25	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	7.2	7.2	17.5	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 01:25	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	11	11	17.5	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 01:25	TD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	8.8	8.8	17.5	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 01:25	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	13	13	17.5	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 01:25	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	7.1	7.1	17.5	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 01:25	TD
75-34-3	1,1-Dichloroethane	ND		ug/m³	7.2	7.2	17.5	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 01:25	TD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	10	10	17.5	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 01:25	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	9.7	9.7	17.5	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 01:25	TD
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/m³	14	14	17.5	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 01:25	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	12	12	17.5	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 01:25	TD
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	9.7	9.7	17.5	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 01:25	TD
75-71-8	Dichlorodifluoromethane	**21**		ug/m³	8.8	8.8	17.5	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 01:25	TD
106-93-4	1,2-Dibromoethane	ND		ug/m³	14	14	17.5	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 01:25	TD
124-48-1	Dibromochloromethane	ND		ug/m³	14	14	17.5	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 01:25	TD
80-62-6	Methyl Methacrylate	ND		ug/m³	7.3	7.3	17.5	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 01:25	TD
108-90-7	Chlorobenzene	ND		ug/m³	8.2	8.2	17.5	EPA Compendium TO-15	04/01/2013 12:54	04/02/2013 01:25	TD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*113 %*	*70-130*

Sample Information

Client Sample ID: XP4 SC# 64 **York Sample ID:** 13C0768-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0768	American Cleaners Kingston Sub-Slab	Soil Vapor	March 25, 2013 3:00 pm	03/27/2013

Volatile Organics, AIR Tent. Identified Cmpds.

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0	JN-A	ug/m³			1	EPA Compendium TO15	04/04/2013 14:38	04/04/2013 14:39	SR

Helium

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

Sample Prepared by Method: PREP for GASES by GC

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-59-7	Helium	ND		%	0.88	0.88	1.75	GC/TCD	04/04/2013 10:54	04/04/2013 10:54	JW

Analytical Batch Summary

Batch ID: BD30162 **Preparation Method:** EPA TO15 PREP **Prepared By:** SR

YORK Sample ID	Client Sample ID	Preparation Date
13C0768-01	XP1 SC# 06	04/01/13
13C0768-02	XP2 SC# 011	04/01/13
13C0768-03	XP3 SC# S24	04/01/13
13C0768-04	XP4 SC# 64	04/01/13
BD30162-BLK1	Blank	04/01/13
BD30162-BS1	LCS	04/01/13

Batch ID: BD30189 **Preparation Method:** PREP for GASES by GC **Prepared By:** JW

YORK Sample ID	Client Sample ID	Preparation Date
13C0768-01	XP1 SC# 06	04/04/13
13C0768-02	XP2 SC# 011	04/04/13
13C0768-03	XP3 SC# S24	04/04/13
13C0768-04	XP4 SC# 64	04/04/13
BD30189-BLK1	Blank	04/04/13
BD30189-DUP1	Duplicate	04/04/13

Batch ID: BD30231 **Preparation Method:** EPA TO15 PREP **Prepared By:** SR

YORK Sample ID	Client Sample ID	Preparation Date
13C0768-01	XP1 SC# 06	04/04/13
13C0768-02	XP2 SC# 011	04/04/13
13C0768-03	XP3 SC# S24	04/04/13
13C0768-04	XP4 SC# 64	04/04/13

Volatile Organic Compounds by EPA Compendium TO14A/TO15 - 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 BD30162 - EPA TO15 PREP

Blank (BD30162-BLK1) Prepared & Analyzed: 04/01/2013

Vinyl Chloride	ND	0.26	ug/m³								
Vinyl acetate	ND	0.36	"								
Trichloroethylene	ND	0.27	"								
trans-1,3-Dichloropropylene	ND	0.46	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
Toluene	ND	0.38	"								
Tetrahydrofuran	ND	0.30	"								
Tetrachloroethylene	ND	0.69	"								
Styrene	ND	0.43	"								
Propylene	ND	0.18	"								
p-Ethyltoluene	ND	2.5	"								
p- & m- Xylenes	ND	0.44	"								
o-Xylene	ND	0.44	"								
n-Hexane	ND	0.36	"								
n-Heptane	ND	0.42	"								
Methylene chloride	ND	0.35	"								
Methyl tert-butyl ether (MTBE)	ND	0.37	"								
4-Methyl-2-pentanone	ND	0.42	"								
Isopropanol	ND	0.25	"								
Hexachlorobutadiene	ND	1.1	"								
Ethyl Benzene	ND	0.44	"								
Ethyl acetate	ND	0.37	"								
Cyclohexane	ND	0.35	"								
cis-1,3-Dichloropropylene	ND	0.46	"								
cis-1,2-Dichloroethylene	ND	0.40	"								
Chloromethane	ND	0.21	"								
Chloroform	ND	0.50	"								
Chloroethane	ND	0.27	"								
Carbon tetrachloride	ND	0.32	"								
Carbon disulfide	ND	0.32	"								
Bromomethane	ND	0.39	"								
Bromoform	ND	1.1	"								
Bromodichloromethane	ND	0.63	"								
Benzyl chloride	ND	0.53	"								
Benzene	ND	0.32	"								
Acetone	ND	0.24	"								
2-Hexanone	ND	0.42	"								
2-Butanone	ND	0.30	"								
1,4-Dioxane	ND	0.37	"								
1,4-Dichlorobenzene	ND	0.61	"								
1,3-Dichlorobenzene	ND	0.61	"								
1,3-Butadiene	ND	0.44	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,2-Dichlorotetrafluoroethane	ND	0.71	"								
1,2-Dichloropropane	ND	0.47	"								
1,2-Dichloroethane	ND	0.41	"								
1,2-Dichlorobenzene	ND	0.61	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.75	"								
1,1-Dichloroethylene	ND	0.40	"								
1,1-Dichloroethane	ND	0.41	"								
Trichlorofluoromethane (Freon 11)	ND	0.57	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.78	"								

Volatile Organic Compounds by EPA Compendium TO14A/TO15 - 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 BD30162 - EPA TO15 PREP											
Blank (BD30162-BLK1)								Prepared & Analyzed: 04/01/2013			
1,1,2,2-Tetrachloroethane	ND	0.70	ug/m³								
1,1,1-Trichloroethane	ND	0.55	"								
Dichlorodifluoromethane	ND	0.50	"								
1,2-Dibromoethane	ND	0.78	"								
Dibromochloromethane	ND	0.82	"								
Methyl Methacrylate	ND	0.42	"								
Chlorobenzene	ND	0.47	"								
Surrogate: p-Bromofluorobenzene	*8.68*		*ppbv*	*10.0*		*86.8*	*70-130*				
LCS (BD30162-BS1)								Prepared & Analyzed: 04/01/2013			
Vinyl Chloride	12.8		ppbv	10.5		122	70-130				
Vinyl acetate	13.8		"	10.4		133	58.1-135				
Trichloroethylene	10.5		"	10.6		98.8	70-130				
trans-1,3-Dichloropropylene	14.2		"	11.5		123	62-135				
trans-1,2-Dichloroethylene	10.5		"	10.3		102	58.3-130				
Toluene	12.4		"	11.0		113	64.9-126				
Tetrahydrofuran	14.7		"	10.8		136	44.6-146				
Tetrachloroethylene	11.2		"	10.8		103	70-130				
Styrene	13.6		"	10.9		125	66.4-132				
Propylene	15.2		"	11.5		132	62.4-150				
p-Ethyltoluene	15.3		"	10.4		147	73.8-146	High Bias			
p- & m- Xylenes	26.4		"	21.8		121	56.6-136				
o-Xylene	14.5		"	11.0		132	67.8-133				
n-Hexane	12.9		"	10.9		119	59.7-130				
n-Heptane	13.5		"	10.9		124	62.3-134				
Methylene chloride	8.67		"	9.70		89.4	62.6-130				
Methyl tert-butyl ether (MTBE)	11.7		"	10.3		114	60.7-139				
4-Methyl-2-pentanone	13.2		"	10.6		124	64.5-158				
Isopropanol	9.22		"	10.9		84.6	60-150				
Hexachlorobutadiene	14.2		"	10.2		139	61.2-150				
Ethyl Benzene	13.2		"	11.0		120	68.4-125				
Ethyl acetate	14.7		"	11.0		134	40.6-150				
Cyclohexane	12.6		"	10.8		117	60.4-127				
cis-1,3-Dichloropropylene	12.8		"	10.9		117	65.5-129				
cis-1,2-Dichloroethylene	11.1		"	10.8		103	51.3-118				
Chloromethane	11.8		"	10.3		115	64.9-130				
Chloroform	10.6		"	11.0		96.5	65.1-130				
Chloroethane	11.9		"	10.3		115	52.1-131				
Carbon tetrachloride	10.2		"	10.5		97.6	70-130				
Carbon disulfide	10.5		"	10.5		100	61.8-111				
Bromomethane	11.4		"	10.5		109	60.1-140				
Bromoform	13.3		"	10.9		122	58.7-150				
Bromodichloromethane	9.97		"	10.6		94.1	65.3-127				
Benzyl chloride	15.5		"	10.8		143	62.5-150				
Benzene	11.0		"	10.8		102	69.5-130				
Acetone	11.9		"	11.0		109	55.3-133				
2-Hexanone	14.5		"	10.9		133	52-150				
2-Butanone	14.3		"	10.9		131	28.5-154				
1,4-Dioxane	14.2		"	10.6		134	50-150				
1,4-Dichlorobenzene	14.0		"	10.9		129	62.5-139				
1,3-Dichlorobenzene	13.9		"	10.8		129	71.9-153				
1,3-Butadiene	13.7		"	10.9		126	66.7-127				
1,3,5-Trimethylbenzene	14.6		"	11.0		133	65-152				
1,2-Dichlorotetrafluoroethane	11.4		"	10.5		108	63.3-129				

Volatile Organic Compounds by EPA Compendium TO14A/TO15 - 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 BD30162 - EPA TO15 PREP											
LCS (BD30162-BS1)								Prepared & Analyzed: 04/01/2013			
1,2-Dichloropropane	11.4		ppbv	11.0		104	21.3-152				
1,2-Dichloroethane	10.9		"	10.7		102	51.2-124				
1,2-Dichlorobenzene	13.9		"	10.7		130	63.7-148				
1,2,4-Trimethylbenzene	15.0		"	11.0		137	67.9-152				
1,2,4-Trichlorobenzene	16.1		"	10.0		161	58-147	High Bias			
1,1-Dichloroethylene	10.1		"	9.60		105	58.1-130				
1,1-Dichloroethane	10.2		"	10.3		98.9	63.3-130				
Trichlorofluoromethane (Freon 11)	10.1		"	11.0		92.1	56-132				
1,1,2-Trichloroethane	11.4		"	11.0		103	66-127				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.72		"	9.20		94.8	60.2-125				
1,1,2,2-Tetrachloroethane	12.9		"	11.0		117	63.7-132				
1,1,1-Trichloroethane	10.3		"	10.5		97.7	58.2-126				
Dichlorodifluoromethane	10.9		"	10.2		107	62.8-133				
1,2-Dibromoethane	12.0		"	11.0		109	70-130				
Dibromochloromethane	11.1		"	10.7		104	70-130				
Methyl Methacrylate	1.85		"	10.7		17.3	70-130	Low Bias			
Chlorobenzene	11.2		"	11.0		101	67.6-122				
Surrogate: p-Bromofluorobenzene	*11.4*		*"*	*10.0*		*114*	*70-130*				

Gas Chromatography/Thermal Conductivity Determination - 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 BD30189 - PREP for GASES by GC											
Blank (BD30189-BLK1)								Prepared & Analyzed: 04/04/2013			
Helium	ND	0.50	%								
Duplicate (BD30189-DUP1)	*Source sample: 13C0768-01 (XP1 SC# 06)							Prepared & Analyzed: 04/04/2013			
Helium	ND	0.95	%		ND					20	

Notes and Definitions

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.

JN-A The Tentatively Identified Compound reported indicates the presence of an possible analyte or class of analyte that has been 'tentatively identified' and is an estimated concentration. NOTE: No value for ug/m3 can be reported for TICs.

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, 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. 13C0768

YOUR Information
MID-HUDSON GEOSCIENCES
1003 N.Y. ROUTE 44/55
P.O. BOX 332
CLINTONDALE, NY 12515-0332
Phone No 845 883 5866
Cont Katherine J. Beinkafner, Ph.D.
E-Mail Address: rockdoctor67@optonline.net

Report To:
Company:
Address:
Phone No.
Attention: Erez H19@gmail.com
E-Mail Address:

Invoice To:
Company: American Cleaners
Address: 360 Route 211 East Middletown, NY 10940
Phone No 8453430111 x102
Attention: MC Erez Italevah
E-Mail Address:

YOUR Project ID
American Cleaners Kingston Sub-Slab

Purchase Order No.

Samples from: CT ___ NY ✓ 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/Deliverables
Summary Report ✓
Summary w/ QA Summary
CT RCP Package
NY ASP A Package
NY ASP B/CLP Pkg ✓
NJDEP Reduced
Electronic Deliverables: NYS DEC
EDD (Specify Type) EQUIS ✓
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.

Katherine J Beinkafner
Samples Collected/Authorized By (Signature)

Katherine J. Beinkafner
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
≤ 1 ug/m³ ✓
NYSDEC VI Limits (VI =vapor intrusion)
NJDEP low level
Routine Survey
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
XP1 SC# 06	3/25/13	AS	-30	-3.5	TO-15, TIC, Helium	6 Liter Summa canister ✓ / Tedlar Bag
XP2 SC# 011	3/25/13	AS	-32	-5	TO-15, TIC, Helium	6 Liter Summa canister ✓ / Tedlar Bag
XP3 SC# 524	3/25/13	AS	-30	-1.5	TO-15, TIC, Helium	6 Liter Summa canister ✓ / Tedlar Bag
XP4 SC# 64	3/25/13	AS	-30	-2	TO-15, TIC, Helium	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 PCE is chemical of concern
PID < 20 ppm, except XP1 not measured before test

Katherine J Beinkafner 3/27/13 9AM
Samples Relinquished By Date/Time

Samples Relinquished By Date/Time

Chris C 3-27-13 11.52
Samples Received By Date/Time

J. Zelu 3/27/13 - 1540
Samples Received in LAB by Date/Time

OSIG

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

Mid-Hudson Geosciences
1003 NY Route 44/55, P.O.Box 332
Clintondale NY, 12515-0332
Attention: Katherine Beinkafner

Report Date: 04/02/2013
Client Project ID: American Cleaners Kingston Sub-Slab
York Project (SDG) No.: 13C0810

Report Date: 04/02/2013
Client Project ID: American Cleaners Kingston Sub-Slab
York Project (SDG) No.: 13C0810

Mid-Hudson Geosciences
1003 NY Route 44/55, P.O.Box 332
Clintondale NY, 12515-0332
Attention: Katherine Beinkafner

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 March 27, 2013 and listed below. The project was identified as your project: **American Cleaners Kingston Sub-Slab**.

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
13C0810-01	XP1 0.5-3.0'	Soil	03/25/2013	03/27/2013
13C0810-02	XP2 0.5-3.0'	Soil	03/25/2013	03/27/2013
13C0810-03	XP3 0.5-3.0'	Soil	03/25/2013	03/27/2013
13C0810-04	XP4 0.5-2.5'	Soil	03/25/2013	03/27/2013
13C0810-05	Trip Blank	Water	03/25/2013	03/27/2013
13C0810-06	Field Blank	Water	03/25/2013	03/27/2013

General Notes for York Project (SDG) No.: 13C0810

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: 04/02/2013

Robert Q. Bradley
Laboratory Director

YORK

Sample Information

Client Sample ID: XP1 0.5-3.0' **York Sample ID:** 13C0810-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0810	American Cleaners Kingston Sub-Slab	Soil	March 25, 2013 3:00 pm	03/27/2013

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	5.4	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 01:57	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	5.4	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 01:57	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.4	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 01:57	BK
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/kg dry	5.4	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 01:57	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	5.4	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 01:57	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	5.4	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 01:57	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	5.4	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 01:57	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	5.4	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 01:57	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	5.4	22	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 01:57	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	5.4	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 01:57	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	5.4	22	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 01:57	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	5.4	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 01:57	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.4	22	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 01:57	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	5.4	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 01:57	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	5.4	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 01:57	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	5.4	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 01:57	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	5.4	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 01:57	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	5.4	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 01:57	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	5.4	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 01:57	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	5.4	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 01:57	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	5.4	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 01:57	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	28	110	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 01:57	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	5.4	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 01:57	BK
78-93-3	2-Butanone	ND		ug/kg dry	5.4	22	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 01:57	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	5.4	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 01:57	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	5.4	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 01:57	BK
67-64-1	Acetone	**11**	J, B	ug/kg dry	5.4	22	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 01:57	BK
71-43-2	Benzene	ND		ug/kg dry	5.4	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 01:57	BK
108-86-1	Bromobenzene	ND		ug/kg dry	5.4	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 01:57	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	5.4	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 01:57	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	5.4	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 01:57	BK
75-25-2	Bromoform	ND		ug/kg dry	5.4	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 01:57	BK
74-83-9	Bromomethane	ND		ug/kg dry	5.4	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 01:57	BK

Sample Information

Client Sample ID: XP1 0.5-3.0'

York Sample ID: 13C0810-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0810	American Cleaners Kingston Sub-Slab	Soil	March 25, 2013 3:00 pm	03/27/2013

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
56-23-5	Carbon tetrachloride	ND		ug/kg dry	5.4	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 01:57	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	5.4	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 01:57	BK
75-00-3	Chloroethane	ND		ug/kg dry	5.4	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 01:57	BK
67-66-3	Chloroform	ND		ug/kg dry	5.4	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 01:57	BK
74-87-3	Chloromethane	ND		ug/kg dry	5.4	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 01:57	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	5.4	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 01:57	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	5.4	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 01:57	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	5.4	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 01:57	BK
74-95-3	Dibromomethane	ND		ug/kg dry	5.4	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 01:57	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	5.4	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 01:57	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	5.4	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 01:57	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	5.4	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 01:57	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	5.4	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 01:57	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.4	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 01:57	BK
75-09-2	Methylene chloride	ND		ug/kg dry	5.4	22	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 01:57	BK
91-20-3	Naphthalene	ND		ug/kg dry	5.4	22	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 01:57	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	5.4	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 01:57	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	5.4	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 01:57	BK
95-47-6	o-Xylene	ND		ug/kg dry	5.4	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 01:57	BK
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	5.4	22	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 01:57	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	5.4	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 01:57	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	5.4	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 01:57	BK
100-42-5	Styrene	ND		ug/kg dry	5.4	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 01:57	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	5.4	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 01:57	BK
127-18-4	Tetrachloroethylene	**7.2**	J	ug/kg dry	5.4	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 01:57	BK
108-88-3	Toluene	ND		ug/kg dry	5.4	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 01:57	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	5.4	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 01:57	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	5.4	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 01:57	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	5.4	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 01:57	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	5.4	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 01:57	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	5.4	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 01:57	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	5.4	32	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 01:57	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	5.4	22	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 01:57	BK

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: XP1 0.5-3.0' **York Sample ID:** 13C0810-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0810	American Cleaners Kingston Sub-Slab	Soil	March 25, 2013 3:00 pm	03/27/2013

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
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*105 %*			*73-130*						
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.2 %*			*72-127*						
2037-26-5	*Surrogate: Toluene-d8*	*107 %*			*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	**92.8**		%	0.100	0.100	1	SM 2540G	04/02/2013 14:08	04/02/2013 14:08	AMC

Sample Information

Client Sample ID: XP2 0.5-3.0' **York Sample ID:** 13C0810-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0810	American Cleaners Kingston Sub-Slab	Soil	March 25, 2013 3:00 pm	03/27/2013

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	04/01/2013 15:45	04/02/2013 02:38	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 02:38	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 02:38	BK
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 02:38	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 02:38	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 02:38	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 02:38	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 02:38	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	5.3	21	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 02:38	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 02:38	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	5.3	21	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 02:38	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 02:38	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.3	21	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 02:38	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 02:38	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 02:38	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 02:38	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 02:38	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 02:38	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 02:38	BK

Sample Information

Client Sample ID: XP2 0.5-3.0'

York Sample ID: 13C0810-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0810	American Cleaners Kingston Sub-Slab	Soil	March 25, 2013 3:00 pm	03/27/2013

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
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 02:38	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 02:38	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	28	110	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 02:38	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 02:38	BK
78-93-3	2-Butanone	ND		ug/kg dry	5.3	21	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 02:38	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 02:38	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 02:38	BK
67-64-1	Acetone	**14**	J, B	ug/kg dry	5.3	21	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 02:38	BK
71-43-2	Benzene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 02:38	BK
108-86-1	Bromobenzene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 02:38	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 02:38	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 02:38	BK
75-25-2	Bromoform	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 02:38	BK
74-83-9	Bromomethane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 02:38	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 02:38	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 02:38	BK
75-00-3	Chloroethane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 02:38	BK
67-66-3	Chloroform	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 02:38	BK
74-87-3	Chloromethane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 02:38	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 02:38	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 02:38	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 02:38	BK
74-95-3	Dibromomethane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 02:38	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 02:38	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 02:38	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 02:38	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 02:38	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 02:38	BK
75-09-2	Methylene chloride	ND		ug/kg dry	5.3	21	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 02:38	BK
91-20-3	Naphthalene	ND		ug/kg dry	5.3	21	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 02:38	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 02:38	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 02:38	BK
95-47-6	o-Xylene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 02:38	BK
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	5.3	21	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 02:38	BK

Sample Information

Client Sample ID: XP2 0.5-3.0' **York Sample ID:** 13C0810-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0810	American Cleaners Kingston Sub-Slab	Soil	March 25, 2013 3:00 pm	03/27/2013

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
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 02:38	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 02:38	BK
100-42-5	Styrene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 02:38	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 02:38	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 02:38	BK
108-88-3	Toluene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 02:38	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 02:38	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 02:38	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 02:38	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 02:38	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 02:38	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	5.3	32	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 02:38	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	5.3	21	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 02:38	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*105 %*	*73-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.1 %*	*72-127*
2037-26-5	*Surrogate: Toluene-d8*	*106 %*	*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	**95.3**		%	0.100	0.100	1	SM 2540G	04/02/2013 14:08	04/02/2013 14:08	AMC

Sample Information

Client Sample ID: XP3 0.5-3.0' **York Sample ID:** 13C0810-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0810	American Cleaners Kingston Sub-Slab	Soil	March 25, 2013 3:00 pm	03/27/2013

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	04/01/2013 15:45	04/02/2013 03:19	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 03:19	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 03:19	BK
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 03:19	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 03:19	BK

Sample Information

Client Sample ID: XP3 0.5-3.0' **York Sample ID:** 13C0810-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0810	American Cleaners Kingston Sub-Slab	Soil	March 25, 2013 3:00 pm	03/27/2013

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
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 03:19	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 03:19	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 03:19	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	5.3	21	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 03:19	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 03:19	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	5.3	21	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 03:19	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 03:19	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.3	21	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 03:19	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 03:19	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 03:19	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 03:19	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 03:19	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 03:19	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 03:19	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 03:19	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 03:19	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	28	110	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 03:19	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 03:19	BK
78-93-3	2-Butanone	ND		ug/kg dry	5.3	21	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 03:19	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 03:19	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 03:19	BK
67-64-1	Acetone	**13**	J, B	ug/kg dry	5.3	21	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 03:19	BK
71-43-2	Benzene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 03:19	BK
108-86-1	Bromobenzene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 03:19	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 03:19	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 03:19	BK
75-25-2	Bromoform	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 03:19	BK
74-83-9	Bromomethane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 03:19	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 03:19	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 03:19	BK
75-00-3	Chloroethane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 03:19	BK
67-66-3	Chloroform	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 03:19	BK
74-87-3	Chloromethane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 03:19	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 03:19	BK

Sample Information

Client Sample ID: XP3 0.5-3.0' **York Sample ID:** 13C0810-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0810	American Cleaners Kingston Sub-Slab	Soil	March 25, 2013 3:00 pm	03/27/2013

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
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 03:19	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 03:19	BK
74-95-3	Dibromomethane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 03:19	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 03:19	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 03:19	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 03:19	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 03:19	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 03:19	BK
75-09-2	Methylene chloride	ND		ug/kg dry	5.3	21	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 03:19	BK
91-20-3	Naphthalene	ND		ug/kg dry	5.3	21	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 03:19	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 03:19	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 03:19	BK
95-47-6	o-Xylene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 03:19	BK
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	5.3	21	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 03:19	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 03:19	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 03:19	BK
100-42-5	Styrene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 03:19	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 03:19	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 03:19	BK
108-88-3	Toluene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 03:19	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 03:19	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 03:19	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 03:19	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 03:19	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 03:19	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	5.3	32	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 03:19	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	5.3	21	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 03:19	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*102 %*	*73-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*98.3 %*	*72-127*
2037-26-5	*Surrogate: Toluene-d8*	*106 %*	*84-117*

Sample Information

Client Sample ID: XP3 0.5-3.0' **York Sample ID:** 13C0810-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0810	American Cleaners Kingston Sub-Slab	Soil	March 25, 2013 3:00 pm	03/27/2013

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	**93.7**		%	0.100	0.100	1	SM 2540G	04/02/2013 14:08	04/02/2013 14:08	AMC

Sample Information

Client Sample ID: XP4 0.5-2.5' **York Sample ID:** 13C0810-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0810	American Cleaners Kingston Sub-Slab	Soil	March 25, 2013 3:00 pm	03/27/2013

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	5.7	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 04:00	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 04:00	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 04:00	BK
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 04:00	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 04:00	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 04:00	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 04:00	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 04:00	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	5.7	23	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 04:00	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 04:00	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	5.7	23	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 04:00	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 04:00	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.7	23	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 04:00	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 04:00	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 04:00	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 04:00	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 04:00	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 04:00	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 04:00	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 04:00	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 04:00	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	30	110	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 04:00	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 04:00	BK
78-93-3	2-Butanone	ND		ug/kg dry	5.7	23	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 04:00	BK

Sample Information

Client Sample ID: XP4 0.5-2.5' **York Sample ID:** 13C0810-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0810	American Cleaners Kingston Sub-Slab	Soil	March 25, 2013 3:00 pm	03/27/2013

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
95-49-8	2-Chlorotoluene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 04:00	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 04:00	BK
67-64-1	Acetone	**24**	B	ug/kg dry	5.7	23	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 04:00	BK
71-43-2	Benzene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 04:00	BK
108-86-1	Bromobenzene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 04:00	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 04:00	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 04:00	BK
75-25-2	Bromoform	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 04:00	BK
74-83-9	Bromomethane	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 04:00	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 04:00	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 04:00	BK
75-00-3	Chloroethane	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 04:00	BK
67-66-3	Chloroform	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 04:00	BK
74-87-3	Chloromethane	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 04:00	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 04:00	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 04:00	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 04:00	BK
74-95-3	Dibromomethane	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 04:00	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 04:00	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 04:00	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 04:00	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 04:00	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 04:00	BK
75-09-2	Methylene chloride	ND		ug/kg dry	5.7	23	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 04:00	BK
91-20-3	Naphthalene	ND		ug/kg dry	5.7	23	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 04:00	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 04:00	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 04:00	BK
95-47-6	o-Xylene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 04:00	BK
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	5.7	23	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 04:00	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 04:00	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 04:00	BK
100-42-5	Styrene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 04:00	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 04:00	BK
127-18-4	Tetrachloroethylene	**9.9**	J	ug/kg dry	5.7	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 04:00	BK

Sample Information

Client Sample ID: XP4 0.5-2.5' **York Sample ID:** 13C0810-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0810	American Cleaners Kingston Sub-Slab	Soil	March 25, 2013 3:00 pm	03/27/2013

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
108-88-3	Toluene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 04:00	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 04:00	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 04:00	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 04:00	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 04:00	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 04:00	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	5.7	34	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 04:00	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	5.7	23	1	EPA SW846-8260B	04/01/2013 15:45	04/02/2013 04:00	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*105 %*	*73-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.5 %*	*72-127*
2037-26-5	*Surrogate: Toluene-d8*	*108 %*	*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	**87.0**		%	0.100	0.100	1	SM 2540G	04/02/2013 14:08	04/02/2013 14:08	AMC

Sample Information

Client Sample ID: Trip Blank **York Sample ID:** 13C0810-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0810	American Cleaners Kingston Sub-Slab	Water	March 25, 2013 3:00 pm	03/27/2013

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	0.32	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 15:39	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.23	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 15:39	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.59	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 15:39	BK
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.34	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 15:39	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 15:39	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.42	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 15:39	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 15:39	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.26	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 15:39	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.99	10	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 15:39	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.73	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 15:39	BK

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **13C0810-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0810	American Cleaners Kingston Sub-Slab	Water	March 25, 2013 3:00 pm	03/27/2013

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
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.91	10	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 15:39	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 15:39	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.98	10	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 15:39	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.44	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 15:39	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.40	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 15:39	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.36	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 15:39	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.23	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 15:39	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.48	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 15:39	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.47	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 15:39	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.55	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 15:39	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.62	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 15:39	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.42	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 15:39	BK
78-93-3	2-Butanone	ND		ug/L	1.5	10	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 15:39	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 15:39	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.31	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 15:39	BK
67-64-1	Acetone	ND		ug/L	6.1	10	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 15:39	BK
71-43-2	Benzene	ND		ug/L	0.30	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 15:39	BK
108-86-1	Bromobenzene	ND		ug/L	1.0	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 15:39	BK
74-97-5	Bromochloromethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 15:39	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.41	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 15:39	BK
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 15:39	BK
74-83-9	Bromomethane	ND		ug/L	2.0	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 15:39	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.56	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 15:39	BK
108-90-7	Chlorobenzene	ND		ug/L	0.38	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 15:39	BK
75-00-3	Chloroethane	ND		ug/L	2.8	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 15:39	BK
67-66-3	Chloroform	ND		ug/L	0.42	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 15:39	BK
74-87-3	Chloromethane	ND		ug/L	0.41	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 15:39	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 15:39	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 15:39	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.39	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 15:39	BK
74-95-3	Dibromomethane	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 15:39	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 15:39	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.25	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 15:39	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 15:39	BK

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **13C0810-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0810	American Cleaners Kingston Sub-Slab	Water	March 25, 2013 3:00 pm	03/27/2013

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
98-82-8	Isopropylbenzene	ND		ug/L	0.63	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 15:39	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.53	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 15:39	BK
75-09-2	Methylene chloride	ND		ug/L	2.4	10	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 15:39	BK
91-20-3	Naphthalene	**1.3**	J	ug/L	1.2	10	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 15:39	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.30	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 15:39	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 15:39	BK
95-47-6	o-Xylene	ND		ug/L	0.21	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 15:39	BK
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.53	10	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 15:39	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.34	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 15:39	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 15:39	BK
100-42-5	Styrene	ND		ug/L	0.22	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 15:39	BK
98-06-6	tert-Butylbenzene	ND		ug/L	1.4	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 15:39	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 15:39	BK
108-88-3	Toluene	ND		ug/L	0.17	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 15:39	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 15:39	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.67	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 15:39	BK
79-01-6	Trichloroethylene	ND		ug/L	0.16	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 15:39	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 15:39	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 15:39	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.55	15	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 15:39	BK
108-05-4	Vinyl acetate	ND		ug/L	0.73	10	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 15:39	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*95.2 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*102 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*108 %*	*81.2-127*

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **13C0810-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0810	American Cleaners Kingston Sub-Slab	Water	March 25, 2013 3:00 pm	03/27/2013

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	0.32	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 16:20	BK

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **13C0810-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0810	American Cleaners Kingston Sub-Slab	Water	March 25, 2013 3:00 pm	03/27/2013

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
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.23	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 16:20	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.59	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 16:20	BK
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.34	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 16:20	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 16:20	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.42	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 16:20	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 16:20	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.26	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 16:20	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.99	10	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 16:20	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.73	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 16:20	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.91	10	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 16:20	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 16:20	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.98	10	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 16:20	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.44	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 16:20	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.40	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 16:20	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.36	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 16:20	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.23	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 16:20	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.48	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 16:20	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.47	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 16:20	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.55	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 16:20	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.62	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 16:20	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.42	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 16:20	BK
78-93-3	2-Butanone	ND		ug/L	1.5	10	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 16:20	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 16:20	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.31	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 16:20	BK
67-64-1	Acetone	ND		ug/L	6.1	10	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 16:20	BK
71-43-2	Benzene	ND		ug/L	0.30	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 16:20	BK
108-86-1	Bromobenzene	ND		ug/L	1.0	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 16:20	BK
74-97-5	Bromochloromethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 16:20	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.41	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 16:20	BK
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 16:20	BK
74-83-9	Bromomethane	ND		ug/L	2.0	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 16:20	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.56	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 16:20	BK
108-90-7	Chlorobenzene	ND		ug/L	0.38	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 16:20	BK
75-00-3	Chloroethane	ND		ug/L	2.8	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 16:20	BK

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **13C0810-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0810	American Cleaners Kingston Sub-Slab	Water	March 25, 2013 3:00 pm	03/27/2013

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
67-66-3	Chloroform	ND		ug/L	0.42	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 16:20	BK
74-87-3	Chloromethane	ND		ug/L	0.41	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 16:20	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 16:20	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 16:20	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.39	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 16:20	BK
74-95-3	Dibromomethane	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 16:20	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 16:20	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.25	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 16:20	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 16:20	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.63	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 16:20	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.53	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 16:20	BK
75-09-2	Methylene chloride	ND		ug/L	2.4	10	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 16:20	BK
91-20-3	Naphthalene	ND		ug/L	1.2	10	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 16:20	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.30	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 16:20	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 16:20	BK
95-47-6	o-Xylene	ND		ug/L	0.21	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 16:20	BK
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.53	10	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 16:20	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.34	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 16:20	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 16:20	BK
100-42-5	Styrene	ND		ug/L	0.22	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 16:20	BK
98-06-6	tert-Butylbenzene	ND		ug/L	1.4	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 16:20	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 16:20	BK
108-88-3	Toluene	ND		ug/L	0.17	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 16:20	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 16:20	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.67	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 16:20	BK
79-01-6	Trichloroethylene	ND		ug/L	0.16	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 16:20	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 16:20	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 16:20	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.55	15	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 16:20	BK
108-05-4	Vinyl acetate	ND		ug/L	0.73	10	1	EPA SW846-8260B	04/01/2013 08:20	04/01/2013 16:20	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*103 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*101 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*107 %*	*81.2-127*

Analytical Batch Summary

Batch ID: BD30026 **Preparation Method:** EPA 5030B **Prepared By:** EKM

YORK Sample ID	Client Sample ID	Preparation Date
13C0810-05	Trip Blank	04/01/13
13C0810-06	Field Blank	04/01/13
BD30026-BLK1	Blank	04/01/13
BD30026-BS1	LCS	04/01/13
BD30026-BSD1	LCS Dup	04/01/13

Batch ID: BD30029 **Preparation Method:** % Solids Prep **Prepared By:** AMC

YORK Sample ID	Client Sample ID	Preparation Date
13C0810-01	XP1 0.5-3.0'	04/02/13
13C0810-02	XP2 0.5-3.0'	04/02/13
13C0810-03	XP3 0.5-3.0'	04/02/13
13C0810-04	XP4 0.5-2.5'	04/02/13

Batch ID: BD30042 **Preparation Method:** EPA 5035A **Prepared By:** BK

YORK Sample ID	Client Sample ID	Preparation Date
13C0810-01	XP1 0.5-3.0'	04/01/13
13C0810-02	XP2 0.5-3.0'	04/01/13
13C0810-03	XP3 0.5-3.0'	04/01/13
13C0810-04	XP4 0.5-2.5'	04/01/13
BD30042-BLK1	Blank	04/01/13
BD30042-BS1	LCS	04/01/13
BD30042-BSD1	LCS Dup	04/01/13
BD30042-MS1	Matrix Spike	04/01/13

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 BD30026 - EPA 5030B											
Blank (BD30026-BLK1)											Prepared & Analyzed: 04/01/2013
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	10	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	10	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	10	"								
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	10	"								
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	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	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 BD30026 - EPA 5030B											
Blank (BD30026-BLK1)								Prepared & Analyzed: 04/01/2013			
Styrene	ND	5.0	ug/L								
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	10	"								
Surrogate: 1,2-Dichloroethane-d4	*50.7*		*"*	*50.0*		*101*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*49.2*		*"*	*50.0*		*98.3*	*63.5-145*				
Surrogate: Toluene-d8	*52.4*		*"*	*50.0*		*105*	*81.2-127*				
LCS (BD30026-BS1)								Prepared & Analyzed: 04/01/2013			
1,1,1,2-Tetrachloroethane	49		ug/L	50.0		98.0	82.3-130				
1,1,1-Trichloroethane	55		"	50.0		110	75.6-137				
1,1,2,2-Tetrachloroethane	44		"	50.0		88.3	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	51		"	50.0		102	71.1-129				
1,1,2-Trichloroethane	47		"	50.0		93.1	74.5-129				
1,1-Dichloroethane	52		"	50.0		103	79.6-132				
1,1-Dichloroethylene	51		"	50.0		102	80.2-146				
1,1-Dichloropropylene	51		"	50.0		101	75-136				
1,2,3-Trichlorobenzene	49		"	50.0		97.1	66.1-136				
1,2,3-Trichloropropane	42		"	50.0		84.7	63-131				
1,2,4-Trichlorobenzene	48		"	50.0		96.0	70.6-136				
1,2,4-Trimethylbenzene	43		"	50.0		85.6	75.3-135				
1,2-Dibromo-3-chloropropane	44		"	50.0		87.8	58.9-140				
1,2-Dibromoethane	47		"	50.0		93.9	79-130				
1,2-Dichlorobenzene	45		"	50.0		90.0	76.1-122				
1,2-Dichloroethane	57		"	50.0		113	74.6-132				
1,2-Dichloropropane	45		"	50.0		90.3	76.9-129				
1,3,5-Trimethylbenzene	43		"	50.0		85.9	70.6-127				
1,3-Dichlorobenzene	44		"	50.0		88.9	77-124				
1,3-Dichloropropane	45		"	50.0		90.6	75.8-126				
1,4-Dichlorobenzene	44		"	50.0		88.1	76.6-125				
2,2-Dichloropropane	54		"	50.0		108	69-133				
2-Butanone	49		"	50.0		97.6	70-130				
2-Chlorotoluene	43		"	50.0		86.6	66.3-119				
4-Chlorotoluene	45		"	50.0		89.3	69.2-127				
Acetone	34		"	50.0		67.4	70-130	Low Bias			
Benzene	52		"	50.0		104	76.2-129				
Bromobenzene	43		"	50.0		85.9	71.3-123				
Bromochloromethane	52		"	50.0		105	70.8-137				
Bromodichloromethane	49		"	50.0		97.7	79.7-134				
Bromoform	47		"	50.0		93.8	70.5-141				
Bromomethane	49		"	50.0		97.4	43.9-147				
Carbon tetrachloride	55		"	50.0		111	78.1-138				
Chlorobenzene	47		"	50.0		94.2	80.4-125				
Chloroethane	51		"	50.0		103	55.8-140				
Chloroform	54		"	50.0		108	76.6-133				
Chloromethane	47		"	50.0		93.5	48.8-115				
cis-1,2-Dichloroethylene	53		"	50.0		106	75.1-128				

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 BD30026 - EPA 5030B											
LCS (BD30026-BS1)							Prepared & Analyzed: 04/01/2013				
cis-1,3-Dichloropropylene	49		ug/L	50.0		98.4	74.5-128				
Dibromochloromethane	50		"	50.0		100	79.8-134				
Dibromomethane	47		"	50.0		94.6	79-130				
Dichlorodifluoromethane	47		"	50.0		93.3	47.1-101				
Ethyl Benzene	48		"	50.0		95.2	80.8-128				
Hexachlorobutadiene	48		"	50.0		95.9	64.8-128				
Isopropylbenzene	43		"	50.0		85.3	75.5-135				
Methyl tert-butyl ether (MTBE)	56		"	50.0		111	65.1-140				
Methylene chloride	49		"	50.0		97.7	61.3-120				
Naphthalene	48		"	50.0		96.2	62.3-148				
n-Butylbenzene	43		"	50.0		86.9	67.2-123				
n-Propylbenzene	43		"	50.0		86.0	70.5-127				
o-Xylene	46		"	50.0		92.1	75.9-122				
p- & m- Xylenes	95		"	100		94.7	77.7-127				
p-Isopropyltoluene	44		"	50.0		88.6	75.6-129				
sec-Butylbenzene	43		"	50.0		86.9	71.5-125				
Styrene	48		"	50.0		95.4	77.8-123				
tert-Butylbenzene	44		"	50.0		87.4	75.9-151				
Tetrachloroethylene	45		"	50.0		90.6	63.6-167				
Toluene	45		"	50.0		90.4	77-123				
trans-1,2-Dichloroethylene	50		"	50.0		101	76.3-139				
trans-1,3-Dichloropropylene	48		"	50.0		95.8	72.5-137				
Trichloroethylene	47		"	50.0		93.5	77.9-130				
Trichlorofluoromethane	56		"	50.0		113	57.4-133				
Vinyl Chloride	47		"	50.0		94.0	54.9-124				
Vinyl acetate	41		"	50.0		81.0	70-130				
Surrogate: 1,2-Dichloroethane-d4	*53.6*		*"*	*50.0*		*107*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*49.7*		*"*	*50.0*		*99.4*	*63.5-145*				
Surrogate: Toluene-d8	*46.2*		*"*	*50.0*		*92.5*	*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 BD30026 - EPA 5030B											
LCS Dup (BD30026-BSD1)							Prepared & Analyzed: 04/01/2013				
1,1,1,2-Tetrachloroethane	51		ug/L	50.0		103	82.3-130		4.80	21.1	
1,1,1-Trichloroethane	44		"	50.0		88.3	75.6-137		22.0	19.7	Non-dir.
1,1,2,2-Tetrachloroethane	49		"	50.0		98.0	71.3-131		10.4	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	41		"	50.0		81.8	71.1-129		22.3	21.7	Non-dir.
1,1,2-Trichloroethane	48		"	50.0		95.6	74.5-129		2.59	20.3	
1,1-Dichloroethane	42		"	50.0		83.7	79.6-132		21.1	20.6	Non-dir.
1,1-Dichloroethylene	40		"	50.0		80.7	80.2-146		23.2	20	Non-dir.
1,1-Dichloropropylene	40		"	50.0		80.7	75-136		22.5	19.3	Non-dir.
1,2,3-Trichlorobenzene	52		"	50.0		104	66.1-136		6.90	21.6	
1,2,3-Trichloropropane	48		"	50.0		97.0	63-131		13.5	23.9	
1,2,4-Trichlorobenzene	52		"	50.0		104	70.6-136		7.70	21.7	
1,2,4-Trimethylbenzene	50		"	50.0		99.5	75.3-135		15.0	18.8	
1,2-Dibromo-3-chloropropane	50		"	50.0		100	58.9-140		13.0	27.7	
1,2-Dibromoethane	48		"	50.0		96.1	79-130		2.29	23	
1,2-Dichlorobenzene	51		"	50.0		102	76.1-122		12.8	19.8	
1,2-Dichloroethane	43		"	50.0		87.0	74.6-132		26.1	20.2	Non-dir.
1,2-Dichloropropane	48		"	50.0		95.6	76.9-129		5.79	20.7	
1,3,5-Trimethylbenzene	50		"	50.0		99.8	70.6-127		15.0	18.9	
1,3-Dichlorobenzene	50		"	50.0		101	77-124		12.5	19.2	
1,3-Dichloropropane	47		"	50.0		94.6	75.8-126		4.28	22.1	
1,4-Dichlorobenzene	51		"	50.0		102	76.6-125		15.0	18.6	
2,2-Dichloropropane	41		"	50.0		81.5	69-133		27.6	19.8	Non-dir.
2-Butanone	33		"	50.0		65.5	70-130	Low Bias	39.5	30	Non-dir.
2-Chlorotoluene	50		"	50.0		101	66.3-119		15.0	21.6	
4-Chlorotoluene	52		"	50.0		103	69.2-127		14.3	19	
Acetone	27		"	50.0		53.9	70-130	Low Bias	22.2	30	
Benzene	42		"	50.0		83.5	76.2-129		22.3	19	Non-dir.
Bromobenzene	49		"	50.0		97.5	71.3-123		12.6	20.3	
Bromochloromethane	40		"	50.0		79.9	70.8-137		26.8	23.9	Non-dir.
Bromodichloromethane	51		"	50.0		102	79.7-134		4.31	21	
Bromoform	51		"	50.0		103	70.5-141		9.14	21.8	
Bromomethane	37		"	50.0		74.9	43.9-147		26.2	28.4	
Carbon tetrachloride	44		"	50.0		88.5	78.1-138		22.3	20.1	Non-dir.
Chlorobenzene	50		"	50.0		99.7	80.4-125		5.71	19.9	
Chloroethane	41		"	50.0		82.0	55.8-140		22.4	23.3	
Chloroform	43		"	50.0		85.4	76.6-133		23.5	20.3	Non-dir.
Chloromethane	37		"	50.0		74.6	48.8-115		22.6	24.5	
cis-1,2-Dichloroethylene	41		"	50.0		82.5	75.1-128		24.8	20.5	Non-dir.
cis-1,3-Dichloropropylene	49		"	50.0		99.0	74.5-128		0.547	19.9	
Dibromochloromethane	51		"	50.0		102	79.8-134		1.43	21.3	
Dibromomethane	47		"	50.0		94.9	79-130		0.338	22.4	
Dichlorodifluoromethane	36		"	50.0		71.9	47.1-101		25.9	23.9	Non-dir.
Ethyl Benzene	51		"	50.0		102	80.8-128		6.82	19.2	
Hexachlorobutadiene	57		"	50.0		113	64.8-128		16.5	20.6	
Isopropylbenzene	50		"	50.0		99.5	75.5-135		15.3	20	
Methyl tert-butyl ether (MTBE)	41		"	50.0		81.2	65.1-140		31.3	23.6	Non-dir.
Methylene chloride	38		"	50.0		76.2	61.3-120		24.7	20.4	Non-dir.
Naphthalene	50		"	50.0		100	62.3-148		4.29	27.1	
n-Butylbenzene	50		"	50.0		100	67.2-123		14.0	19.1	
n-Propylbenzene	50		"	50.0		99.5	70.5-127		14.5	23.4	
o-Xylene	49		"	50.0		98.3	75.9-122		6.49	19.3	
p- & m- Xylenes	100		"	100		100	77.7-127		5.67	18.6	
p-Isopropyltoluene	52		"	50.0		105	75.6-129		16.4	19.1	
sec-Butylbenzene	51		"	50.0		103	71.5-125		16.6	18.9	

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 BD30026 - EPA 5030B											
LCS Dup (BD30026-BSD1)								Prepared & Analyzed: 04/01/2013			
Styrene	51		ug/L	50.0		101	77.8-123		5.98	20.9	
tert-Butylbenzene	51		"	50.0		102	75.9-151		15.7	20.9	
Tetrachloroethylene	52		"	50.0		104	63.6-167		13.7	27.7	
Toluene	49		"	50.0		97.5	77-123		7.60	18.7	
trans-1,2-Dichloroethylene	40		"	50.0		80.3	76.3-139		22.6	19.5	Non-dir.
trans-1,3-Dichloropropylene	47		"	50.0		94.9	72.5-137		0.943	19.3	
Trichloroethylene	50		"	50.0		99.1	77.9-130		5.88	20.5	
Trichlorofluoromethane	45		"	50.0		90.7	57.4-133		21.7	21.4	Non-dir.
Vinyl Chloride	37		"	50.0		74.1	54.9-124		23.8	22.3	Non-dir.
Vinyl acetate	28		"	50.0		56.6	70-130	Low Bias	35.5	30	Non-dir.
Surrogate: 1,2-Dichloroethane-d4	*50.6*		*"*	*50.0*		*101*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*51.0*		*"*	*50.0*		*102*	*63.5-145*				
Surrogate: Toluene-d8	*53.3*		*"*	*50.0*		*107*	*81.2-127*				
Batch BD30042 - EPA 5035A											
Blank (BD30042-BLK1)								Prepared & Analyzed: 04/01/2013			
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	10	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	10	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	10	"								
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	50	"								
2,2-Dichloropropane	ND	5.0	"								
2-Butanone	ND	10	"								
2-Chlorotoluene	ND	5.0	"								
4-Chlorotoluene	ND	5.0	"								
Acetone	4.6	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	"								

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 BD30042 - EPA 5035A											
Blank (BD30042-BLK1)									Prepared & Analyzed: 04/01/2013		
Chloromethane	ND	5.0	ug/kg wet								
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	"								
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	10	"								
Surrogate: 1,2-Dichloroethane-d4	*50.2*		*ug/L*	*50.0*		*100*	*73-130*				
Surrogate: p-Bromofluorobenzene	*49.6*		*"*	*50.0*		*99.1*	*72-127*				
Surrogate: Toluene-d8	*53.8*		*"*	*50.0*		*108*	*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 BD30042 - EPA 5035A											
LCS (BD30042-BS1)							Prepared & Analyzed: 04/01/2013				
1,1,1,2-Tetrachloroethane	52		ug/L	50.0		104	72-132				
1,1,1-Trichloroethane	47		"	50.0		93.5	77-131				
1,1,2,2-Tetrachloroethane	49		"	50.0		98.3	68-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	43		"	50.0		86.0	75-143				
1,1,2-Trichloroethane	48		"	50.0		96.8	72-128				
1,1-Dichloroethane	43		"	50.0		85.5	78-133				
1,1-Dichloroethylene	42		"	50.0		84.0	71-142				
1,1-Dichloropropylene	42		"	50.0		85.0	77-124				
1,2,3-Trichlorobenzene	53		"	50.0		106	65-134				
1,2,3-Trichloropropane	50		"	50.0		99.7	65-127				
1,2,4-Trichlorobenzene	51		"	50.0		101	59-133				
1,2,4-Trimethylbenzene	49		"	50.0		97.5	68-128				
1,2-Dibromo-3-chloropropane	51		"	50.0		103	58-145				
1,2-Dibromoethane	51		"	50.0		101	73-128				
1,2-Dichlorobenzene	50		"	50.0		101	69-126				
1,2-Dichloroethane	45		"	50.0		90.5	78-131				
1,2-Dichloropropane	48		"	50.0		96.3	72-129				
1,3,5-Trimethylbenzene	50		"	50.0		99.9	67-125				
1,3-Dichlorobenzene	49		"	50.0		98.8	67-125				
1,3-Dichloropropane	50		"	50.0		100	73-126				
1,4-Dichlorobenzene	50		"	50.0		99.1	67-127				
1,4-Dioxane	90		"	50.0		179	10-265				
2,2-Dichloropropane	42		"	50.0		83.4	68-133				
2-Butanone	39		"	50.0		78.5	49-138				
2-Chlorotoluene	49		"	50.0		99.0	61-121				
4-Chlorotoluene	50		"	50.0		101	65-126				
Acetone	27		"	50.0		53.2	21-131				
Benzene	43		"	50.0		85.7	81-125				
Bromobenzene	48		"	50.0		96.0	65-125				
Bromochloromethane	41		"	50.0		82.3	78-127				
Bromodichloromethane	53		"	50.0		105	73-131				
Bromoform	52		"	50.0		105	66-137				
Bromomethane	40		"	50.0		80.4	55-144				
Carbon tetrachloride	46		"	50.0		92.8	74-137				
Chlorobenzene	51		"	50.0		102	75-127				
Chloroethane	42		"	50.0		84.6	65-138				
Chloroform	45		"	50.0		90.2	82-128				
Chloromethane	37		"	50.0		74.1	51-138				
cis-1,2-Dichloroethylene	43		"	50.0		86.1	77-130				
cis-1,3-Dichloropropylene	51		"	50.0		101	68-123				
Dibromochloromethane	53		"	50.0		106	73-136				
Dibromomethane	51		"	50.0		102	75-131				
Dichlorodifluoromethane	37		"	50.0		73.4	10-183				
Ethyl Benzene	52		"	50.0		104	75-130				
Hexachlorobutadiene	56		"	50.0		111	59-130				
Isopropylbenzene	50		"	50.0		99.8	68-135				
Methyl tert-butyl ether (MTBE)	43		"	50.0		86.9	76-136				
Methylene chloride	39		"	50.0		78.1	55-143				
Naphthalene	55		"	50.0		111	65-140				
n-Butylbenzene	50		"	50.0		99.9	63-123				
n-Propylbenzene	50		"	50.0		100	65-127				
o-Xylene	50		"	50.0		100	71-123				
p- & m- Xylenes	100		"	100		103	72-127				
p-Isopropyltoluene	52		"	50.0		104	69-128				

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 BD30042 - EPA 5035A											
LCS (BD30042-BS1)								Prepared & Analyzed: 04/01/2013			
sec-Butylbenzene	51		ug/L	50.0		102	69-125				
Styrene	51		"	50.0		102	74-127				
tert-Butylbenzene	43		"	50.0		86.0	59-164				
Tetrachloroethylene	67		"	50.0		133	65-151				
Toluene	50		"	50.0		99.3	72-127				
trans-1,2-Dichloroethylene	41		"	50.0		82.6	73-137				
trans-1,3-Dichloropropylene	48		"	50.0		96.8	67-131				
Trichloroethylene	52		"	50.0		104	73-129				
Trichlorofluoromethane	47		"	50.0		94.7	69-136				
Vinyl Chloride	38		"	50.0		77.0	58-132				
Vinyl acetate	28		"	50.0		55.7	10-84				
Surrogate: 1,2-Dichloroethane-d4	*52.8*		*"*	*50.0*		*106*	*73-130*				
Surrogate: p-Bromofluorobenzene	*48.2*		*"*	*50.0*		*96.4*	*72-127*				
Surrogate: Toluene-d8	*53.1*		*"*	*50.0*		*106*	*84-117*				
LCS Dup (BD30042-BSD1)								Prepared & Analyzed: 04/01/2013			
1,1,1,2-Tetrachloroethane	54		ug/L	50.0		107	72-132		3.43	30	
1,1,1-Trichloroethane	46		"	50.0		91.4	77-131		2.23	30	
1,1,2,2-Tetrachloroethane	50		"	50.0		99.9	68-129		1.68	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	42		"	50.0		84.9	75-143		1.29	30	
1,1,2-Trichloroethane	50		"	50.0		99.4	72-128		2.67	30	
1,1-Dichloroethane	42		"	50.0		84.2	78-133		1.53	30	
1,1-Dichloroethylene	42		"	50.0		83.1	71-142		1.10	30	
1,1-Dichloropropylene	42		"	50.0		85.0	77-124		0.0471	30	
1,2,3-Trichlorobenzene	52		"	50.0		104	65-134		2.82	30	
1,2,3-Trichloropropane	53		"	50.0		106	65-127		5.76	30	
1,2,4-Trichlorobenzene	50		"	50.0		99.1	59-133		2.16	30	
1,2,4-Trimethylbenzene	49		"	50.0		98.6	68-128		1.14	30	
1,2-Dibromo-3-chloropropane	55		"	50.0		111	58-145		7.91	30	
1,2-Dibromoethane	51		"	50.0		103	73-128		1.30	30	
1,2-Dichlorobenzene	50		"	50.0		101	69-126		0.0397	30	
1,2-Dichloroethane	44		"	50.0		88.9	78-131		1.74	30	
1,2-Dichloropropane	50		"	50.0		99.3	72-129		3.07	30	
1,3,5-Trimethylbenzene	51		"	50.0		102	67-125		1.69	30	
1,3-Dichlorobenzene	49		"	50.0		98.7	67-125		0.0810	30	
1,3-Dichloropropane	51		"	50.0		102	73-126		1.88	30	
1,4-Dichlorobenzene	49		"	50.0		98.8	67-127		0.323	30	
1,4-Dioxane	63		"	50.0		127	10-265		34.1	30	Non-dir.
2,2-Dichloropropane	41		"	50.0		82.2	68-133		1.45	30	
2-Butanone	40		"	50.0		79.2	49-138		0.837	30	
2-Chlorotoluene	50		"	50.0		100	61-121		1.19	30	
4-Chlorotoluene	51		"	50.0		102	65-126		1.60	30	
Acetone	28		"	50.0		55.9	21-131		4.80	30	
Benzene	42		"	50.0		84.3	81-125		1.65	30	
Bromobenzene	48		"	50.0		96.8	65-125		0.892	30	
Bromochloromethane	41		"	50.0		82.5	78-127		0.243	30	
Bromodichloromethane	53		"	50.0		106	73-131		0.437	30	
Bromoform	55		"	50.0		110	66-137		4.62	30	
Bromomethane	40		"	50.0		79.7	55-144		0.924	30	
Carbon tetrachloride	47		"	50.0		93.2	74-137		0.366	30	
Chlorobenzene	51		"	50.0		102	75-127		0.628	30	
Chloroethane	42		"	50.0		83.2	65-138		1.62	30	
Chloroform	44		"	50.0		88.5	82-128		1.90	30	
Chloromethane	36		"	50.0		71.5	51-138		3.54	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 BD30042 - EPA 5035A											
LCS Dup (BD30042-BSD1)								Prepared & Analyzed: 04/01/2013			
cis-1,2-Dichloroethylene	42		ug/L	50.0		83.4	77-130		3.19	30	
cis-1,3-Dichloropropylene	51		"	50.0		101	68-123		0.0989	30	
Dibromochloromethane	53		"	50.0		106	73-136		0.698	30	
Dibromomethane	52		"	50.0		104	75-131		1.38	30	
Dichlorodifluoromethane	36		"	50.0		71.4	10-183		2.76	30	
Ethyl Benzene	53		"	50.0		105	75-130		1.17	30	
Hexachlorobutadiene	57		"	50.0		114	59-130		2.15	30	
Isopropylbenzene	51		"	50.0		101	68-135		1.59	30	
Methyl tert-butyl ether (MTBE)	42		"	50.0		84.2	76-136		3.16	30	
Methylene chloride	38		"	50.0		75.8	55-143		2.99	30	
Naphthalene	54		"	50.0		108	65-140		2.05	30	
n-Butylbenzene	50		"	50.0		101	63-123		0.658	30	
n-Propylbenzene	51		"	50.0		101	65-127		1.31	30	
o-Xylene	50		"	50.0		100	71-123		0.439	30	
p- & m- Xylenes	100		"	100		103	72-127		0.340	30	
p-Isopropyltoluene	53		"	50.0		105	69-128		1.42	30	
sec-Butylbenzene	53		"	50.0		105	69-125		3.52	30	
Styrene	51		"	50.0		102	74-127		0.313	30	
tert-Butylbenzene	43		"	50.0		86.5	59-164		0.533	30	
Tetrachloroethylene	72		"	50.0		145	65-151		8.13	30	
Toluene	50		"	50.0		101	72-127		1.60	30	
trans-1,2-Dichloroethylene	41		"	50.0		82.2	73-137		0.461	30	
trans-1,3-Dichloropropylene	50		"	50.0		99.6	67-131		2.89	30	
Trichloroethylene	53		"	50.0		106	73-129		2.33	30	
Trichlorofluoromethane	47		"	50.0		93.3	69-136		1.45	30	
Vinyl Chloride	38		"	50.0		75.1	58-132		2.50	30	
Vinyl acetate	26		"	50.0		52.0	10-84		6.80	30	
Surrogate: 1,2-Dichloroethane-d4	*49.8*		*"*	*50.0*		*99.6*	*73-130*				
Surrogate: p-Bromofluorobenzene	*49.1*		*"*	*50.0*		*98.1*	*72-127*				
Surrogate: Toluene-d8	*52.8*		*"*	*50.0*		*106*	*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 BD30042 - EPA 5035A											
Matrix Spike (BD30042-MS1)	*Source sample: 13C0810-01 (XP1 0.5-3.0')								Prepared: 04/01/2013 Analyzed: 04/02/2013		
1,1,1,2-Tetrachloroethane	48		ug/L	50.0	ND	96.6	48-129				
1,1,1-Trichloroethane	41		"	50.0	ND	82.7	60-128				
1,1,2,2-Tetrachloroethane	43		"	50.0	ND	85.8	20-143				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	35		"	50.0	ND	69.9	52-129				
1,1,2-Trichloroethane	43		"	50.0	ND	86.8	53-126				
1,1-Dichloroethane	39		"	50.0	ND	77.5	62-129				
1,1-Dichloroethylene	37		"	50.0	ND	74.0	50-138				
1,1-Dichloropropylene	36		"	50.0	ND	71.6	49-120				
1,2,3-Trichlorobenzene	30		"	50.0	ND	60.9	10-120				
1,2,3-Trichloropropane	44		"	50.0	ND	87.3	42-132				
1,2,4-Trichlorobenzene	28		"	50.0	ND	56.6	10-113				
1,2,4-Trimethylbenzene	41		"	50.0	ND	81.4	10-173				
1,2-Dibromo-3-chloropropane	40		"	50.0	ND	79.9	16-151				
1,2-Dibromoethane	43		"	50.0	ND	85.8	37-134				
1,2-Dichlorobenzene	38		"	50.0	ND	76.5	12-121				
1,2-Dichloroethane	39		"	50.0	ND	77.5	53-133				
1,2-Dichloropropane	46		"	50.0	ND	92.0	58-126				
1,3,5-Trimethylbenzene	42		"	50.0	ND	84.5	10-155				
1,3-Dichlorobenzene	38		"	50.0	ND	75.1	12-116				
1,3-Dichloropropane	44		"	50.0	ND	88.0	50-127				
1,4-Dichlorobenzene	36		"	50.0	ND	72.4	9-118				
1,4-Dioxane	54		"	50.0	ND	109	10-249				
2,2-Dichloropropane	35		"	50.0	ND	70.7	47-119				
2-Butanone	30		"	50.0	ND	60.7	13-140				
2-Chlorotoluene	42		"	50.0	ND	85.0	24-115				
4-Chlorotoluene	41		"	50.0	ND	81.1	22-115				
Acetone	26		"	50.0	5.2	41.2	10-130				
Benzene	39		"	50.0	ND	77.4	52-127				
Bromobenzene	40		"	50.0	ND	81.0	27-119				
Bromochloromethane	36		"	50.0	ND	72.3	52-129				
Bromodichloromethane	48		"	50.0	ND	97.0	50-132				
Bromoform	45		"	50.0	ND	90.4	31-138				
Bromomethane	34		"	50.0	ND	67.9	20-141				
Carbon tetrachloride	41		"	50.0	ND	81.6	52-131				
Chlorobenzene	43		"	50.0	ND	86.5	36-125				
Chloroethane	37		"	50.0	ND	74.9	35-143				
Chloroform	40		"	50.0	ND	80.0	62-127				
Chloromethane	33		"	50.0	ND	65.3	36-128				
cis-1,2-Dichloroethylene	38		"	50.0	ND	76.8	51-128				
cis-1,3-Dichloropropylene	43		"	50.0	ND	86.2	27-126				
Dibromochloromethane	45		"	50.0	ND	90.7	42-137				
Dibromomethane	43		"	50.0	ND	87.0	47-136				
Dichlorodifluoromethane	27		"	50.0	ND	53.1	10-143				
Ethyl Benzene	45		"	50.0	ND	90.8	32-131				
Hexachlorobutadiene	39		"	50.0	ND	77.6	10-109				
Isopropylbenzene	45		"	50.0	ND	89.2	21-143				
Methyl tert-butyl ether (MTBE)	37		"	50.0	ND	73.2	55-144				
Methylene chloride	35		"	50.0	ND	69.4	17-147				
Naphthalene	32		"	50.0	ND	63.8	10-142				
n-Butylbenzene	37		"	50.0	ND	74.8	10-116				
n-Propylbenzene	42		"	50.0	ND	84.7	70-130				
o-Xylene	44		"	50.0	ND	88.6	70-130				
p- & m- Xylenes	88		"	100	ND	87.8	70-130				
p-Isopropyltoluene	42		"	50.0	ND	84.6	70-130				

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 BD30042 - EPA 5035A											
Matrix Spike (BD30042-MS1)	*Source sample: 13C0810-01 (XP1 0.5-3.0')								Prepared: 04/01/2013 Analyzed: 04/02/2013		
sec-Butylbenzene	43		ug/L	50.0	ND	86.4	12-129				
Styrene	42		"	50.0	ND	84.7	13-130				
tert-Butylbenzene	45		"	50.0	ND	89.5	20-149				
Tetrachloroethylene	53		"	50.0	3.3	100	26-179				
Toluene	45		"	50.0	ND	90.3	30-138				
trans-1,2-Dichloroethylene	36		"	50.0	ND	71.4	46-132				
trans-1,3-Dichloropropylene	40		"	50.0	ND	79.3	20-132				
Trichloroethylene	46		"	50.0	ND	92.3	31-152				
Trichlorofluoromethane	40		"	50.0	ND	79.4	50-129				
Vinyl Chloride	33		"	50.0	ND	65.8	41-124				
Vinyl acetate	10		"	50.0	ND	20.3	10-62				
Surrogate: 1,2-Dichloroethane-d4	*49.7*		*"*	*50.0*		*99.4*	*73-130*				
Surrogate: p-Bromofluorobenzene	*50.6*		*"*	*50.0*		*101*	*72-127*				
Surrogate: Toluene-d8	*53.6*		*"*	*50.0*		*107*	*84-117*				

YORK
ANALYTICAL LABORATORIES, INC.

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
13C0810-01	XP1 0.5-3.0'	2 oz. WM Clear Glass Cool to 4° C
13C0810-02	XP2 0.5-3.0'	2 oz. WM Clear Glass Cool to 4° C
13C0810-03	XP3 0.5-3.0'	2 oz. WM Clear Glass Cool to 4° C
13C0810-04	XP4 0.5-2.5'	2 oz. WM Clear Glass Cool to 4° C
13C0810-05	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13C0810-06	Field Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

VOA-CONT NON-COMPLIANT- the container(s) provided by the client for soil volatiles do not meet the requirements of EPA SW846-5035A or NYSDOH ELAP. Results reported below 200 ug/kg may be biased low due to samples not being collected according to EPA SW846 5035A.

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); 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, 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. 13C0810

YOUR Information
MID-HUDSON GEOSCIENCES
1003 N.Y. ROUTE 44/55
P.O. BOX 332
CLINTONDALE, NY 12515-0332
Phone No. 845 883 5866
Con Katherine J. Beinkafner, Ph.D.
E-Mail Address: rockdoctor@optonline.net

Report To:
Company:
Address:
Phone No.
Attention:
E-Mail Address:

Invoice To:
Company: American Cleaners
Address: 360 Route 211 East Middletown, NY 10940
Phone No: (845) 343-8111 x102
Attention: Mr. Erez Halevah
E-Mail Address: ErezH19@gmail.com

YOUR Project ID
American Cleaners Kingston Sub-Slab

Purchase Order No.

Samples from: CT ___ NY ✓ 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.

Katherine J Beinkafner
Samples Collected/Authorized By (Signature)
Katherine J. Beinkafner
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 Re-Disposal Forms	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 Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
XP1 0.5-3.0'	3/25/13	Soil	First 8260 full; If PCE is >1300ug/kg then TCLP	1-2oz glass jar screw lid
XP2 0.5-3.0'	3/25/13	Soil	8260 full; TCLP	1-2oz glass jar screw lid
XP3 0.5-3.0'	3/25/13	Soil	8260 full; TCLP	1-2oz glass jar screw lid
XP4 0.5-2.5'	3/25/13	Soil	8260 full; TCLP	1-2oz glass jar screw lid
Trip Blank	3/25/13	distilled water	8260 full	
Field Blank	3/25/12	distilled water	8260 full	

Comments: Chemical of concern PCE: PID < 1 ppm

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 ☐

Katherine J Beinkafner 3/27/13 9AM
Samples Relinquished By — Date/Time

Samples Relinquished By — Date/Time

Chris 3-27-13 1150
Samples Received By — Date/Time

Grace 3-27-13 1530
Samples Received in LAB by — Date/Time

Temperature on Receipt 3.5 °C

orig

Technical Report

prepared for:

Mid-Hudson Geosciences
1003 NY Route 44/55, P.O.Box 332
Clintondale NY, 12515-0332
Attention: Katherine Beinkafner

Report Date: 10/02/2013
Client Project ID: American Cleaners Kingston Storm Drain Samples
York Project (SDG) No.: 13I0888

Report Date: 10/02/2013
Client Project ID: American Cleaners Kingston Storm Drain Samples
York Project (SDG) No.: 13I0888

Mid-Hudson Geosciences
1003 NY Route 44/55, P.O.Box 332
Clintondale NY, 12515-0332
Attention: Katherine Beinkafner

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 25, 2013 and listed below. The project was identified as your project: **American Cleaners Kingston Storm Drain Samples**.

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
13I0888-01	S1 0.5-1.0 ft	Soil	09/23/2013	09/25/2013
13I0888-02	S2 3.0-3.75 ft	Soil	09/23/2013	09/25/2013
13I0888-03	S3 5.0-6.0 ft	Soil	09/23/2013	09/25/2013
13I0888-04	S4 9.5-10.5 ft	Soil	09/23/2013	09/25/2013
13I0888-05	N1 1.0-1.5 ft	Soil	09/23/2013	09/25/2013
13I0888-06	N2 5.5-6.5 ft	Soil	09/23/2013	09/25/2013
13I0888-07	N3 9.0-10.0 ft	Soil	09/23/2013	09/25/2013
13I0888-08	Field Blank	Water	09/23/2013	09/25/2013
13I0888-09	Trip Blank	Water	09/23/2013	09/25/2013

General Notes for York Project (SDG) No.: 13I0888

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: 10/02/2013

Benjamin Gulizia
Laboratory Director

YORK

Sample Information

Client Sample ID: S1 0.5-1.0 ft

York Sample ID: 13I0888-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0888	American Cleaners Kingston Storm Drain Samples	Soil	September 23, 2013 3:00 pm	09/25/2013

Volatile Organics, 8260 List

Log-in Notes: VOA-CONT

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	5.6	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 00:40	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 00:40	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 00:40	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	5.6	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 00:40	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 00:40	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 00:40	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	5.6	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 00:40	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	5.6	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 00:40	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 00:40	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	5.6	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 00:40	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 00:40	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 00:40	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.6	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 00:40	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 00:40	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 00:40	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 00:40	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	5.6	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 00:40	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 00:40	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 00:40	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	5.6	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 00:40	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 00:40	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	110	220	1	EPA 8260C	09/27/2013 12:45	09/28/2013 00:40	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	5.6	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 00:40	SS
78-93-3	2-Butanone	ND		ug/kg dry	5.6	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 00:40	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	5.6	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 00:40	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	5.6	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 00:40	SS
67-64-1	Acetone	ND		ug/kg dry	5.6	22	1	EPA 8260C	09/27/2013 12:45	09/28/2013 00:40	SS
71-43-2	Benzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 00:40	SS
108-86-1	Bromobenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 00:40	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 00:40	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 00:40	SS
75-25-2	Bromoform	ND		ug/kg dry	5.6	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 00:40	SS

Sample Information

Client Sample ID: **S1 0.5-1.0 ft** **York Sample ID:** **13I0888-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0888	American Cleaners Kingston Storm Drain Samples	Soil	September 23, 2013 3:00 pm	09/25/2013

Volatile Organics, 8260 List **Log-in Notes:** **VOA-CONT** **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	5.6	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 00:40	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	5.6	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 00:40	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 00:40	SS
75-00-3	Chloroethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 00:40	SS
67-66-3	Chloroform	ND		ug/kg dry	5.6	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 00:40	SS
74-87-3	Chloromethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 00:40	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	5.6	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 00:40	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	5.6	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 00:40	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 00:40	SS
74-95-3	Dibromomethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 00:40	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 00:40	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 00:40	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	5.6	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 00:40	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 00:40	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.6	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 00:40	SS
75-09-2	**Methylene chloride**	**17**	J, B	ug/kg dry	5.6	22	1	EPA 8260C	09/27/2013 12:45	09/28/2013 00:40	SS
91-20-3	Naphthalene	ND		ug/kg dry	5.6	22	1	EPA 8260C	09/27/2013 12:45	09/28/2013 00:40	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 00:40	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 00:40	SS
95-47-6	o-Xylene	ND		ug/kg dry	5.6	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 00:40	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	11	22	1	EPA 8260C	09/27/2013 12:45	09/28/2013 00:40	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	5.6	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 00:40	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 00:40	SS
100-42-5	Styrene	ND		ug/kg dry	5.6	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 00:40	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 00:40	SS
127-18-4	**Tetrachloroethylene**	**1100**	CCV-E	ug/kg dry	28	56	5	EPA 8260C	09/27/2013 12:45	10/01/2013 12:43	SS
108-88-3	Toluene	ND		ug/kg dry	5.6	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 00:40	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	5.6	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 00:40	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	5.6	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 00:40	SS
79-01-6	**Trichloroethylene**	**15**		ug/kg dry	5.6	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 00:40	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 00:40	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	5.6	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 00:40	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	5.6	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 00:40	SS

Sample Information

Client Sample ID: S1 0.5-1.0 ft **York Sample ID:** 13I0888-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0888	American Cleaners Kingston Storm Drain Samples	Soil	September 23, 2013 3:00 pm	09/25/2013

Volatile Organics, 8260 List **Log-in Notes:** VOA-CONT **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	17	34	1	EPA 8260C	09/27/2013 12:45	09/28/2013 00:40	SS

Total Solids **Log-in Notes:** VOA-CONT **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**	**89.5**		%	0.100	0.100	1	SM 2540G	10/01/2013 11:27	10/02/2013 08:44	AA

Sample Information

Client Sample ID: S2 3.0-3.75 ft **York Sample ID:** 13I0888-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0888	American Cleaners Kingston Storm Drain Samples	Soil	September 23, 2013 3:00 pm	09/25/2013

Volatile Organics, 8260 List **Log-in Notes:** VOA-CONT **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	6.1	12	1	EPA 8260C	10/01/2013 08:10	10/01/2013 13:23	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	10/01/2013 08:10	10/01/2013 13:23	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	10/01/2013 08:10	10/01/2013 13:23	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	6.1	12	1	EPA 8260C	10/01/2013 08:10	10/01/2013 13:23	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	10/01/2013 08:10	10/01/2013 13:23	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	10/01/2013 08:10	10/01/2013 13:23	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	6.1	12	1	EPA 8260C	10/01/2013 08:10	10/01/2013 13:23	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	6.1	12	1	EPA 8260C	10/01/2013 08:10	10/01/2013 13:23	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	6.1	12	1	EPA 8260C	10/01/2013 08:10	10/01/2013 13:23	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	6.1	12	1	EPA 8260C	10/01/2013 08:10	10/01/2013 13:23	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	6.1	12	1	EPA 8260C	10/01/2013 08:10	10/01/2013 13:23	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	6.1	12	1	EPA 8260C	10/01/2013 08:10	10/01/2013 13:23	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	6.1	12	1	EPA 8260C	10/01/2013 08:10	10/01/2013 13:23	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	10/01/2013 08:10	10/01/2013 13:23	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	6.1	12	1	EPA 8260C	10/01/2013 08:10	10/01/2013 13:23	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	10/01/2013 08:10	10/01/2013 13:23	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	6.1	12	1	EPA 8260C	10/01/2013 08:10	10/01/2013 13:23	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	6.1	12	1	EPA 8260C	10/01/2013 08:10	10/01/2013 13:23	SS

Sample Information

Client Sample ID: S2 3.0-3.75 ft **York Sample ID:** 13I0888-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0888	American Cleaners Kingston Storm Drain Samples	Soil	September 23, 2013 3:00 pm	09/25/2013

Volatile Organics, 8260 List **Log-in Notes:** VOA-CONT **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
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	6.1	12	1	EPA 8260C	10/01/2013 08:10	10/01/2013 13:23	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	6.1	12	1	EPA 8260C	10/01/2013 08:10	10/01/2013 13:23	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	6.1	12	1	EPA 8260C	10/01/2013 08:10	10/01/2013 13:23	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	120	240	1	EPA 8260C	10/01/2013 08:10	10/01/2013 13:23	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	6.1	12	1	EPA 8260C	10/01/2013 08:10	10/01/2013 13:23	SS
78-93-3	2-Butanone	ND		ug/kg dry	6.1	12	1	EPA 8260C	10/01/2013 08:10	10/01/2013 13:23	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	6.1	12	1	EPA 8260C	10/01/2013 08:10	10/01/2013 13:23	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	6.1	12	1	EPA 8260C	10/01/2013 08:10	10/01/2013 13:23	SS
67-64-1	Acetone	ND		ug/kg dry	6.1	24	1	EPA 8260C	10/01/2013 08:10	10/01/2013 13:23	SS
71-43-2	Benzene	ND		ug/kg dry	6.1	12	1	EPA 8260C	10/01/2013 08:10	10/01/2013 13:23	SS
108-86-1	Bromobenzene	ND		ug/kg dry	6.1	12	1	EPA 8260C	10/01/2013 08:10	10/01/2013 13:23	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	10/01/2013 08:10	10/01/2013 13:23	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	10/01/2013 08:10	10/01/2013 13:23	SS
75-25-2	Bromoform	ND		ug/kg dry	6.1	12	1	EPA 8260C	10/01/2013 08:10	10/01/2013 13:23	SS
74-83-9	Bromomethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	10/01/2013 08:10	10/01/2013 13:23	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	6.1	12	1	EPA 8260C	10/01/2013 08:10	10/01/2013 13:23	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	6.1	12	1	EPA 8260C	10/01/2013 08:10	10/01/2013 13:23	SS
75-00-3	Chloroethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	10/01/2013 08:10	10/01/2013 13:23	SS
67-66-3	Chloroform	ND		ug/kg dry	6.1	12	1	EPA 8260C	10/01/2013 08:10	10/01/2013 13:23	SS
74-87-3	Chloromethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	10/01/2013 08:10	10/01/2013 13:23	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	6.1	12	1	EPA 8260C	10/01/2013 08:10	10/01/2013 13:23	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	6.1	12	1	EPA 8260C	10/01/2013 08:10	10/01/2013 13:23	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	10/01/2013 08:10	10/01/2013 13:23	SS
74-95-3	Dibromomethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	10/01/2013 08:10	10/01/2013 13:23	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	10/01/2013 08:10	10/01/2013 13:23	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	6.1	12	1	EPA 8260C	10/01/2013 08:10	10/01/2013 13:23	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	6.1	12	1	EPA 8260C	10/01/2013 08:10	10/01/2013 13:23	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	6.1	12	1	EPA 8260C	10/01/2013 08:10	10/01/2013 13:23	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	6.1	12	1	EPA 8260C	10/01/2013 08:10	10/01/2013 13:23	SS
75-09-2	Methylene chloride	ND		ug/kg dry	6.1	24	1	EPA 8260C	10/01/2013 08:10	10/01/2013 13:23	SS
91-20-3	Naphthalene	ND		ug/kg dry	6.1	24	1	EPA 8260C	10/01/2013 08:10	10/01/2013 13:23	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	6.1	12	1	EPA 8260C	10/01/2013 08:10	10/01/2013 13:23	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	6.1	12	1	EPA 8260C	10/01/2013 08:10	10/01/2013 13:23	SS

Sample Information

Client Sample ID: S2 3.0-3.75 ft **York Sample ID:** 13I0888-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0888	American Cleaners Kingston Storm Drain Samples	Soil	September 23, 2013 3:00 pm	09/25/2013

Volatile Organics, 8260 List **Log-in Notes:** VOA-CONT **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
95-47-6	o-Xylene	ND		ug/kg dry	6.1	12	1	EPA 8260C	10/01/2013 08:10	10/01/2013 13:23	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	12	24	1	EPA 8260C	10/01/2013 08:10	10/01/2013 13:23	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	6.1	12	1	EPA 8260C	10/01/2013 08:10	10/01/2013 13:23	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	6.1	12	1	EPA 8260C	10/01/2013 08:10	10/01/2013 13:23	SS
100-42-5	Styrene	ND		ug/kg dry	6.1	12	1	EPA 8260C	10/01/2013 08:10	10/01/2013 13:23	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	6.1	12	1	EPA 8260C	10/01/2013 08:10	10/01/2013 13:23	SS
127-18-4	Tetrachloroethylene	ND	CCV-E	ug/kg dry	6.1	12	1	EPA 8260C	10/01/2013 08:10	10/01/2013 13:23	SS
108-88-3	Toluene	ND		ug/kg dry	6.1	12	1	EPA 8260C	10/01/2013 08:10	10/01/2013 13:23	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	6.1	12	1	EPA 8260C	10/01/2013 08:10	10/01/2013 13:23	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	6.1	12	1	EPA 8260C	10/01/2013 08:10	10/01/2013 13:23	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	6.1	12	1	EPA 8260C	10/01/2013 08:10	10/01/2013 13:23	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	10/01/2013 08:10	10/01/2013 13:23	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	6.1	12	1	EPA 8260C	10/01/2013 08:10	10/01/2013 13:23	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	6.1	12	1	EPA 8260C	10/01/2013 08:10	10/01/2013 13:23	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	18	37	1	EPA 8260C	10/01/2013 08:10	10/01/2013 13:23	SS

Total Solids **Log-in Notes:** VOA-CONT **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**	**81.8**		%	0.100	0.100	1	SM 2540G	10/01/2013 11:27	10/02/2013 08:44	AA

Sample Information

Client Sample ID: S3 5.0-6.0 ft **York Sample ID:** 13I0888-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0888	American Cleaners Kingston Storm Drain Samples	Soil	September 23, 2013 3:00 pm	09/25/2013

Volatile Organics, 8260 List **Log-in Notes:** VOA-CONT **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	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:00	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:00	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:00	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:00	SS

Sample Information

Client Sample ID: **S3 5.0-6.0 ft** **York Sample ID:** **13I0888-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0888	American Cleaners Kingston Storm Drain Samples	Soil	September 23, 2013 3:00 pm	09/25/2013

Volatile Organics, 8260 List **Log-in Notes:** **VOA-CONT** **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	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:00	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:00	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:00	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:00	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:00	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:00	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:00	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:00	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:00	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:00	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:00	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:00	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:00	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:00	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:00	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:00	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:00	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	120	240	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:00	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:00	SS
78-93-3	2-Butanone	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:00	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:00	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:00	SS
67-64-1	**Acetone**	**7.3**	J, B	ug/kg dry	5.9	24	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:00	SS
71-43-2	Benzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:00	SS
108-86-1	Bromobenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:00	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:00	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:00	SS
75-25-2	Bromoform	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:00	SS
74-83-9	Bromomethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:00	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:00	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:00	SS
75-00-3	Chloroethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:00	SS
67-66-3	Chloroform	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:00	SS

Sample Information

Client Sample ID: S3 5.0-6.0 ft **York Sample ID:** 13I0888-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0888	American Cleaners Kingston Storm Drain Samples	Soil	September 23, 2013 3:00 pm	09/25/2013

Volatile Organics, 8260 List **Log-in Notes:** VOA-CONT **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
74-87-3	Chloromethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:00	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:00	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:00	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:00	SS
74-95-3	Dibromomethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:00	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:00	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:00	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:00	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:00	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:00	SS
75-09-2	**Methylene chloride**	**14**	J, B	ug/kg dry	5.9	24	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:00	SS
91-20-3	Naphthalene	ND		ug/kg dry	5.9	24	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:00	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:00	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:00	SS
95-47-6	o-Xylene	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:00	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	12	24	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:00	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:00	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:00	SS
100-42-5	Styrene	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:00	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:00	SS
127-18-4	**Tetrachloroethylene**	**24**		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:00	SS
108-88-3	Toluene	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:00	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:00	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:00	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:00	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:00	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:00	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:00	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	18	35	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:00	SS

Sample Information

Client Sample ID: S3 5.0-6.0 ft **York Sample ID:** 13I0888-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0888	American Cleaners Kingston Storm Drain Samples	Soil	September 23, 2013 3:00 pm	09/25/2013

Total Solids **Log-in Notes:** VOA-CONT **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**	**85.0**		%	0.100	0.100	1	SM 2540G	10/01/2013 11:30	10/02/2013 09:08	AA

Sample Information

Client Sample ID: S4 9.5-10.5 ft **York Sample ID:** 13I0888-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0888	American Cleaners Kingston Storm Drain Samples	Soil	September 23, 2013 3:00 pm	09/25/2013

Volatile Organics, 8260 List **Log-in Notes:** VOA-CONT **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	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:40	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:40	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:40	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:40	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:40	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:40	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:40	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:40	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:40	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:40	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:40	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:40	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:40	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:40	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:40	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:40	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:40	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:40	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:40	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:40	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:40	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	110	220	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:40	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:40	SS

Sample Information

Client Sample ID: **S4 9.5-10.5 ft** **York Sample ID:** **13I0888-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0888	American Cleaners Kingston Storm Drain Samples	Soil	September 23, 2013 3:00 pm	09/25/2013

Volatile Organics, 8260 List **Log-in Notes:** VOA-CONT **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
78-93-3	2-Butanone	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:40	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:40	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:40	SS
67-64-1	**Acetone**	**11**	J, B	ug/kg dry	5.4	22	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:40	SS
71-43-2	Benzene	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:40	SS
108-86-1	Bromobenzene	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:40	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:40	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:40	SS
75-25-2	Bromoform	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:40	SS
74-83-9	Bromomethane	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:40	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:40	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:40	SS
75-00-3	Chloroethane	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:40	SS
67-66-3	Chloroform	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:40	SS
74-87-3	Chloromethane	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:40	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:40	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:40	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:40	SS
74-95-3	Dibromomethane	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:40	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:40	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:40	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:40	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:40	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:40	SS
75-09-2	**Methylene chloride**	**14**	J, B	ug/kg dry	5.4	22	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:40	SS
91-20-3	Naphthalene	ND		ug/kg dry	5.4	22	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:40	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:40	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:40	SS
95-47-6	o-Xylene	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:40	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	11	22	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:40	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:40	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:40	SS
100-42-5	Styrene	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:40	SS

Sample Information

Client Sample ID: S4 9.5-10.5 ft **York Sample ID:** 13I0888-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0888	American Cleaners Kingston Storm Drain Samples	Soil	September 23, 2013 3:00 pm	09/25/2013

Volatile Organics, 8260 List **Log-in Notes:** VOA-CONT **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
98-06-6	tert-Butylbenzene	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:40	SS
127-18-4	**Tetrachloroethylene**	**210**		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:40	SS
108-88-3	Toluene	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:40	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:40	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:40	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:40	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:40	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:40	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:40	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	16	32	1	EPA 8260C	09/27/2013 12:45	09/28/2013 02:40	SS

Total Solids **Log-in Notes:** VOA-CONT **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**	**92.6**		%	0.100	0.100	1	SM 2540G	10/01/2013 11:30	10/02/2013 09:08	AA

Sample Information

Client Sample ID: N1 1.0-1.5 ft **York Sample ID:** 13I0888-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0888	American Cleaners Kingston Storm Drain Samples	Soil	September 23, 2013 3:00 pm	09/25/2013

Volatile Organics, 8260 List **Log-in Notes:** VOA-CONT **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	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 03:20	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 03:20	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 03:20	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 03:20	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 03:20	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 03:20	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 03:20	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 03:20	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 03:20	SS

Sample Information

Client Sample ID: **N1 1.0-1.5 ft** **York Sample ID:** **13I0888-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0888	American Cleaners Kingston Storm Drain Samples	Soil	September 23, 2013 3:00 pm	09/25/2013

Volatile Organics, 8260 List **Log-in Notes:** VOA-CONT **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
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 03:20	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 03:20	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 03:20	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 03:20	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 03:20	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 03:20	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 03:20	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 03:20	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 03:20	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 03:20	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 03:20	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 03:20	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	110	220	1	EPA 8260C	09/27/2013 12:45	09/28/2013 03:20	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 03:20	SS
78-93-3	2-Butanone	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 03:20	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 03:20	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 03:20	SS
67-64-1	Acetone	ND		ug/kg dry	5.4	22	1	EPA 8260C	09/27/2013 12:45	09/28/2013 03:20	SS
71-43-2	Benzene	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 03:20	SS
108-86-1	Bromobenzene	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 03:20	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 03:20	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 03:20	SS
75-25-2	Bromoform	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 03:20	SS
74-83-9	Bromomethane	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 03:20	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 03:20	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 03:20	SS
75-00-3	Chloroethane	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 03:20	SS
67-66-3	Chloroform	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 03:20	SS
74-87-3	Chloromethane	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 03:20	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 03:20	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 03:20	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 03:20	SS
74-95-3	Dibromomethane	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 03:20	SS

Sample Information

Client Sample ID: **N1 1.0-1.5 ft** **York Sample ID:** **13I0888-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0888	American Cleaners Kingston Storm Drain Samples	Soil	September 23, 2013 3:00 pm	09/25/2013

Volatile Organics, 8260 List **Log-in Notes:** **VOA-CONT** **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
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 03:20	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 03:20	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 03:20	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 03:20	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 03:20	SS
75-09-2	**Methylene chloride**	**15**	J, B	ug/kg dry	5.4	22	1	EPA 8260C	09/27/2013 12:45	09/28/2013 03:20	SS
91-20-3	Naphthalene	ND		ug/kg dry	5.4	22	1	EPA 8260C	09/27/2013 12:45	09/28/2013 03:20	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 03:20	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 03:20	SS
95-47-6	o-Xylene	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 03:20	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	11	22	1	EPA 8260C	09/27/2013 12:45	09/28/2013 03:20	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 03:20	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 03:20	SS
100-42-5	Styrene	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 03:20	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 03:20	SS
127-18-4	**Tetrachloroethylene**	**220**	CCV-E	ug/kg dry	13	27	2.5	EPA 8260C	09/27/2013 12:45	10/01/2013 14:03	SS
108-88-3	Toluene	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 03:20	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 03:20	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 03:20	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 03:20	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 03:20	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 03:20	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	5.4	11	1	EPA 8260C	09/27/2013 12:45	09/28/2013 03:20	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	16	32	1	EPA 8260C	09/27/2013 12:45	09/28/2013 03:20	SS

Sample Information

Client Sample ID: N1 1.0-1.5 ft **York Sample ID:** 13I0888-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0888	American Cleaners Kingston Storm Drain Samples	Soil	September 23, 2013 3:00 pm	09/25/2013

Total Solids **Log-in Notes:** VOA-CONT **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**	**92.8**		%	0.100	0.100	1	SM 2540G	10/01/2013 11:30	10/02/2013 09:08	AA

Sample Information

Client Sample ID: N2 5.5-6.5 ft **York Sample ID:** 13I0888-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0888	American Cleaners Kingston Storm Drain Samples	Soil	September 23, 2013 3:00 pm	09/25/2013

Volatile Organics, 8260 List **Log-in Notes:** VOA-CONT **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	6.0	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:00	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	6.0	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:00	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	6.0	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:00	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	6.0	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:00	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	6.0	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:00	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	6.0	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:00	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	6.0	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:00	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	6.0	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:00	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	6.0	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:00	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	6.0	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:00	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	6.0	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:00	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	6.0	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:00	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	6.0	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:00	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	6.0	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:00	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	6.0	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:00	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	6.0	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:00	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	6.0	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:00	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	6.0	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:00	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	6.0	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:00	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	6.0	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:00	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	6.0	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:00	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	120	240	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:00	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	6.0	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:00	SS

Sample Information

Client Sample ID: **N2 5.5-6.5 ft** **York Sample ID:** **13I0888-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0888	American Cleaners Kingston Storm Drain Samples	Soil	September 23, 2013 3:00 pm	09/25/2013

Volatile Organics, 8260 List **Log-in Notes:** VOA-CONT **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
78-93-3	2-Butanone	ND		ug/kg dry	6.0	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:00	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	6.0	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:00	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	6.0	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:00	SS
67-64-1	Acetone	ND		ug/kg dry	6.0	24	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:00	SS
71-43-2	Benzene	ND		ug/kg dry	6.0	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:00	SS
108-86-1	Bromobenzene	ND		ug/kg dry	6.0	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:00	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	6.0	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:00	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	6.0	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:00	SS
75-25-2	Bromoform	ND		ug/kg dry	6.0	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:00	SS
74-83-9	Bromomethane	ND		ug/kg dry	6.0	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:00	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	6.0	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:00	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	6.0	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:00	SS
75-00-3	Chloroethane	ND		ug/kg dry	6.0	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:00	SS
67-66-3	Chloroform	ND		ug/kg dry	6.0	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:00	SS
74-87-3	Chloromethane	ND		ug/kg dry	6.0	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:00	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	6.0	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:00	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	6.0	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:00	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	6.0	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:00	SS
74-95-3	Dibromomethane	ND		ug/kg dry	6.0	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:00	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	6.0	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:00	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	6.0	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:00	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	6.0	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:00	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	6.0	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:00	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	6.0	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:00	SS
75-09-2	**Methylene chloride**	**18**	J, B	ug/kg dry	6.0	24	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:00	SS
91-20-3	Naphthalene	ND		ug/kg dry	6.0	24	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:00	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	6.0	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:00	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	6.0	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:00	SS
95-47-6	o-Xylene	ND		ug/kg dry	6.0	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:00	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	12	24	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:00	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	6.0	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:00	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	6.0	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:00	SS
100-42-5	Styrene	ND		ug/kg dry	6.0	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:00	SS

Sample Information

Client Sample ID: N2 5.5-6.5 ft **York Sample ID:** 13I0888-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0888	American Cleaners Kingston Storm Drain Samples	Soil	September 23, 2013 3:00 pm	09/25/2013

Volatile Organics, 8260 List **Log-in Notes:** VOA-CONT **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
98-06-6	tert-Butylbenzene	ND		ug/kg dry	6.0	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:00	SS
127-18-4	**Tetrachloroethylene**	**110**		ug/kg dry	6.0	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:00	SS
108-88-3	Toluene	ND		ug/kg dry	6.0	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:00	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	6.0	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:00	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	6.0	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:00	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	6.0	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:00	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	6.0	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:00	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	6.0	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:00	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	6.0	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:00	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	18	36	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:00	SS

Total Solids **Log-in Notes:** VOA-CONT **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**	**82.8**		%	0.100	0.100	1	SM 2540G	10/01/2013 11:30	10/02/2013 09:08	AA

Sample Information

Client Sample ID: N3 9.0-10.0 ft **York Sample ID:** 13I0888-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0888	American Cleaners Kingston Storm Drain Samples	Soil	September 23, 2013 3:00 pm	09/25/2013

Volatile Organics, 8260 List **Log-in Notes:** VOA-CONT **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	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:40	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:40	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:40	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:40	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:40	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:40	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:40	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:40	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:40	SS

Sample Information

Client Sample ID: N3 9.0-10.0 ft **York Sample ID:** 13I0888-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0888	American Cleaners Kingston Storm Drain Samples	Soil	September 23, 2013 3:00 pm	09/25/2013

Volatile Organics, 8260 List **Log-in Notes:** VOA-CONT **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
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:40	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:40	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:40	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:40	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:40	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:40	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:40	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:40	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:40	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:40	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:40	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:40	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	120	240	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:40	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:40	SS
78-93-3	2-Butanone	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:40	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:40	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:40	SS
67-64-1	**Acetone**	**12**	J, B	ug/kg dry	5.9	24	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:40	SS
71-43-2	Benzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:40	SS
108-86-1	Bromobenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:40	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:40	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:40	SS
75-25-2	Bromoform	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:40	SS
74-83-9	Bromomethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:40	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:40	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:40	SS
75-00-3	Chloroethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:40	SS
67-66-3	Chloroform	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:40	SS
74-87-3	Chloromethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:40	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:40	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:40	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:40	SS
74-95-3	Dibromomethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:40	SS

Sample Information

Client Sample ID: **N3 9.0-10.0 ft** **York Sample ID:** **13I0888-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0888	American Cleaners Kingston Storm Drain Samples	Soil	September 23, 2013 3:00 pm	09/25/2013

Volatile Organics, 8260 List **Log-in Notes:** **VOA-CONT** **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
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:40	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:40	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:40	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:40	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:40	SS
75-09-2	**Methylene chloride**	**24**	B	ug/kg dry	5.9	24	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:40	SS
91-20-3	Naphthalene	ND		ug/kg dry	5.9	24	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:40	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:40	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:40	SS
95-47-6	o-Xylene	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:40	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	12	24	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:40	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:40	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:40	SS
100-42-5	Styrene	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:40	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:40	SS
127-18-4	**Tetrachloroethylene**	**260**		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:40	SS
108-88-3	Toluene	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:40	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:40	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:40	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:40	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:40	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:40	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	5.9	12	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:40	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	18	35	1	EPA 8260C	09/27/2013 12:45	09/28/2013 04:40	SS

Sample Information

Client Sample ID: **N3 9.0-10.0 ft** **York Sample ID:** **13I0888-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0888	American Cleaners Kingston Storm Drain Samples	Soil	September 23, 2013 3:00 pm	09/25/2013

Total Solids **Log-in Notes:** **VOA-CONT** **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**	**85.0**		%	0.100	0.100	1	SM 2540G	10/01/2013 11:30	10/02/2013 09:08	AA

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **13I0888-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0888	American Cleaners Kingston Storm Drain Samples	Water	September 23, 2013 3:00 pm	09/25/2013

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 8260C	09/27/2013 12:55	09/28/2013 10:52	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 10:52	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 10:52	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 10:52	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 10:52	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 10:52	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 10:52	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 10:52	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 10:52	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 10:52	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 10:52	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 10:52	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 10:52	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 10:52	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 10:52	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 10:52	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 10:52	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 10:52	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 10:52	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 10:52	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 10:52	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 10:52	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 10:52	SS

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **13I0888-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0888	American Cleaners Kingston Storm Drain Samples	Water	September 23, 2013 3:00 pm	09/25/2013

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
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 10:52	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 10:52	SS
67-64-1	Acetone	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 10:52	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 10:52	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 10:52	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 10:52	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 10:52	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 10:52	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 10:52	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 10:52	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 10:52	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 10:52	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 10:52	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 10:52	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 10:52	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 10:52	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 10:52	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 10:52	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 10:52	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 10:52	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 10:52	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 10:52	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 10:52	SS
75-09-2	**Methylene chloride**	**2.8**	J	ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 10:52	SS
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 10:52	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 10:52	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 10:52	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 10:52	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C	09/27/2013 12:55	09/28/2013 10:52	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 10:52	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 10:52	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 10:52	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 10:52	SS

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **13I0888-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0888	American Cleaners Kingston Storm Drain Samples	Water	September 23, 2013 3:00 pm	09/25/2013

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
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 10:52	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 10:52	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 10:52	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 10:52	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 10:52	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 10:52	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 10:52	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 10:52	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C	09/27/2013 12:55	09/28/2013 10:52	SS

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **13I0888-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0888	American Cleaners Kingston Storm Drain Samples	Water	September 23, 2013 3:00 pm	09/25/2013

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 8260C	09/27/2013 12:55	09/28/2013 11:27	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 11:27	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 11:27	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 11:27	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 11:27	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 11:27	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 11:27	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 11:27	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 11:27	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 11:27	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 11:27	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 11:27	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 11:27	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 11:27	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 11:27	SS

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **13I0888-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0888	American Cleaners Kingston Storm Drain Samples	Water	September 23, 2013 3:00 pm	09/25/2013

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
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 11:27	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 11:27	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 11:27	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 11:27	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 11:27	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 11:27	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 11:27	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 11:27	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 11:27	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 11:27	SS
67-64-1	**Acetone**	**3.5**	J, B	ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 11:27	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 11:27	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 11:27	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 11:27	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 11:27	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 11:27	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 11:27	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 11:27	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 11:27	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 11:27	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 11:27	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 11:27	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 11:27	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 11:27	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 11:27	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 11:27	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 11:27	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 11:27	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 11:27	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 11:27	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 11:27	SS
75-09-2	**Methylene chloride**	**2.5**	J	ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 11:27	SS
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 11:27	SS

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **13I0888-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0888	American Cleaners Kingston Storm Drain Samples	Water	September 23, 2013 3:00 pm	09/25/2013

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
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 11:27	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 11:27	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 11:27	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C	09/27/2013 12:55	09/28/2013 11:27	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 11:27	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 11:27	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 11:27	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 11:27	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 11:27	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 11:27	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 11:27	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 11:27	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 11:27	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 11:27	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 11:27	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	09/27/2013 12:55	09/28/2013 11:27	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C	09/27/2013 12:55	09/28/2013 11:27	SS

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
13I0888-01	S1 0.5-1.0 ft	2 oz. WM Clear Glass Cool to 4° C
13I0888-02	S2 3.0-3.75 ft	2 oz. WM Clear Glass Cool to 4° C
13I0888-03	S3 5.0-6.0 ft	2 oz. WM Clear Glass Cool to 4° C
13I0888-04	S4 9.5-10.5 ft	2 oz. WM Clear Glass Cool to 4° C
13I0888-05	N1 1.0-1.5 ft	2 oz. WM Clear Glass Cool to 4° C
13I0888-06	N2 5.5-6.5 ft	2 oz. WM Clear Glass Cool to 4° C
13I0888-07	N3 9.0-10.0 ft	2 oz. WM Clear Glass Cool to 4° C
13I0888-08	Field Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13I0888-09	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

VOA-CONT NON-COMPLIANT- the container(s) provided by the client for soil volatiles do not meet the requirements of EPA SW846-5035A or NYSDOH ELAP. Results reported below 200 ug/kg may be biased low due to samples not being collected according to EPA SW846 5035A.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

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 averge 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.

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, 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. 13I03388

YOUR Information
MID-HUDSON GEOSCIENCES
1003 N.Y. ROUTE 44/55
P.O. BOX 332
CLINTONDALE, NY 12515-0332
Phone No: 845 883-5866
Contact Person: Kathie Beinkafner
E-Mail Address: rockdoctor@optonline.net

Report To:
Company:
Address:
Phone No.
Attention:
E-Mail Address:

Invoice To:
Company: American Cleaners
Address: 360 Rt 211 East
Middletown, NY 10940
Phone No.: 845 343 0111 x 102
Attention: Mr. Erez Italevah
E-Mail Address: erezh190@gmail.com

YOUR Project ID
American Cleaners
Kingston Storm Drain Samples

Purchase Order No.

Samples from: CT ___ NY ✓ 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.

Katherine J BeinKafner
Samples Collected/Authorized By (Signature)

Katherine J BeinKafner
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 Nr 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 Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
S1 0.5-1.0ft	9/23/13	S	8260 full	2oz screwtop glass jar
S2 3.0-3.75ft	9/23/13	S	8260 full	2oz screwtop glass jar
S3 5.0-6.0ft	9/23/13	S	8260 full	2oz screwtop glass jar
S4 9.5-10.5ft	9/23/13	S	8260 full	2oz screwtop glass jar
N1 1.0-1.5ft	9/23/13	S	8260 full	2oz screwtop glass jar
N2 5.5-6.5ft	9/23/13	S	8260 full	2oz screwtop glass jar
N3 9.0-10.0ft	9/23/13	S	8260 full	2oz screwtop glass jar
Field Blank	9/23/13	distilled water	8260 full	40ml vials -2
Trip Blank	9/23/13	distilled water	8260 full	40ml vials -2

Comments
Chemical of Concern: PCE
Site: American Cleaners Kingston
Billing American Cleaners Middletown

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

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Katherine J BeinKafner 9/25/13 8AM
Samples Relinquished By Date/Time

Samples Relinquished By Date/Time

Samples Received By Date/Time 9-25-13 9:10

Samples Received in LAB by Date/Time 9/25/13 1630

Temperature on Receipt ___ °C

Technical Report

prepared for:

Mid-Hudson Geosciences
1003 NY Route 44/55, P.O.Box 332
Clintondale NY, 12515-0332
Attention: Katherine Beinkafner

Report Date: 11/18/2013
Client Project ID: American Cleaners Kingston Ground-Water
York Project (SDG) No.: 13K0219

CT Cert. No. PH-0723 New Jersey Cert. No. CT-005 New York Cert. No. 10854 PA Cert. No. 68-04440

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

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Report Date: 11/18/2013
Client Project ID: American Cleaners Kingston Ground-Water
York Project (SDG) No.: 13K0219

Mid-Hudson Geosciences
1003 NY Route 44/55, P.O.Box 332
Clintondale NY, 12515-0332
Attention: Katherine Beinkafner

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 November 07, 2013 and listed below. The project was identified as your project: **American Cleaners Kingston Ground-Water**.

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
13K0219-01	MW1	Water	11/03/2013	11/07/2013
13K0219-02	MW2	Water	11/03/2013	11/07/2013
13K0219-03	MW3	Water	11/03/2013	11/07/2013
13K0219-04	MW4	Water	11/04/2013	11/07/2013
13K0219-05	MW5	Water	11/06/2013	11/07/2013
13K0219-06	MW5 Duplicate	Water	11/06/2013	11/07/2013
13K0219-07	MW6	Water	11/04/2013	11/07/2013
13K0219-08	Trip Blank	Water	11/03/2013	11/07/2013
13K0219-09	Field Blank	Water	11/03/2013	11/07/2013
13K0219-10	MW7	Water	11/04/2013	11/07/2013
13K0219-11	MW8	Water	11/04/2013	11/07/2013
13K0219-12	MW9	Water	11/04/2013	11/07/2013
13K0219-13	MW16	Water	11/06/2013	11/07/2013
13K0219-14	MW17	Water	11/06/2013	11/07/2013
13K0219-15	LP1 (13-16')	Water	11/05/2013	11/07/2013
13K0219-16	LP2 (22-25')	Water	11/05/2013	11/07/2013
13K0219-17	LP3 (13-16')	Water	11/05/2013	11/07/2013

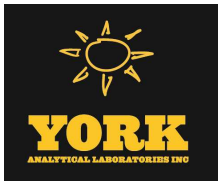
General Notes for York Project (SDG) No.: 13K0219

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: 11/18/2013

Benjamin Gulizia
Laboratory Director



Sample Information

Client Sample ID: **MW1** **York Sample ID:** **13K0219-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0219	American Cleaners Kingston Ground-Water	Water	November 3, 2013 3:30 pm	11/07/2013

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 8260C	11/15/2013 08:34	11/15/2013 17:19	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:19	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:19	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:19	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:19	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:19	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:19	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:19	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:19	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:19	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:19	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:19	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:19	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:19	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:19	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:19	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:19	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:19	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:19	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:19	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:19	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:19	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:19	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:19	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:19	SS
67-64-1	Acetone	ND	CCV-E, ICV-E	ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:19	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:19	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:19	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:19	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:19	SS

Sample Information

Client Sample ID: MW1 **York Sample ID:** 13K0219-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0219	American Cleaners Kingston Ground-Water	Water	November 3, 2013 3:30 pm	11/07/2013

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
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:19	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:19	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:19	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:19	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:19	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:19	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:19	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:19	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:19	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:19	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:19	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:19	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:19	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:19	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:19	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:19	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:19	SS
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:19	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:19	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:19	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:19	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:19	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:19	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:19	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:19	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:19	SS
127-18-4	Tetrachloroethylene	**6.5**		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:19	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:19	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:19	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:19	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:19	SS

Sample Information

Client Sample ID: MW1 **York Sample ID:** 13K0219-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0219	American Cleaners Kingston Ground-Water	Water	November 3, 2013 3:30 pm	11/07/2013

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
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:19	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:19	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:19	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:19	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*109 %*	*78-122*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*103 %*	*87-112*
2037-26-5	*Surrogate: Toluene-d8*	*105 %*	*91-110*

Sample Information

Client Sample ID: MW2 **York Sample ID:** 13K0219-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0219	American Cleaners Kingston Ground-Water	Water	November 3, 2013 3:00 pm	11/07/2013

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 8260C	11/15/2013 08:34	11/15/2013 17:54	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:54	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:54	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:54	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:54	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:54	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:54	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:54	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:54	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:54	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:54	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:54	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:54	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:54	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:54	SS

Sample Information

Client Sample ID: MW2 **York Sample ID:** 13K0219-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0219	American Cleaners Kingston Ground-Water	Water	November 3, 2013 3:00 pm	11/07/2013

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
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:54	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:54	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:54	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:54	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:54	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:54	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:54	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:54	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:54	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:54	SS
67-64-1	Acetone	ND	CCV-E, ICV-E	ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:54	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:54	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:54	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:54	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:54	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:54	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:54	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:54	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:54	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:54	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:54	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:54	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:54	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:54	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:54	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:54	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:54	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:54	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:54	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:54	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:54	SS

Sample Information

Client Sample ID: MW2 **York Sample ID:** 13K0219-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0219	American Cleaners Kingston Ground-Water	Water	November 3, 2013 3:00 pm	11/07/2013

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
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:54	SS
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:54	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:54	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:54	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:54	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:54	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:54	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:54	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:54	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:54	SS
127-18-4	Tetrachloroethylene	**13**		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:54	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:54	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:54	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:54	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:54	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:54	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:54	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:54	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 08:34	11/15/2013 17:54	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*108 %*	*78-122*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*104 %*	*87-112*
2037-26-5	*Surrogate: Toluene-d8*	*105 %*	*91-110*

Sample Information

Client Sample ID: MW3 **York Sample ID:** 13K0219-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0219	American Cleaners Kingston Ground-Water	Water	November 3, 2013 4:22 pm	11/07/2013

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

Sample Information

Client Sample ID: MW3 **York Sample ID:** 13K0219-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0219	American Cleaners Kingston Ground-Water	Water	November 3, 2013 4:22 pm	11/07/2013

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 8260C	11/15/2013 16:30	11/15/2013 22:36	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 22:36	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 22:36	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 22:36	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 22:36	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 22:36	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 22:36	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 22:36	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 22:36	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 22:36	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 22:36	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 22:36	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 22:36	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 22:36	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 22:36	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 22:36	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 22:36	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 22:36	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 22:36	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 22:36	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 22:36	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 22:36	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 22:36	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 22:36	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 22:36	SS
67-64-1	Acetone	ND	ICV-E	ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 22:36	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 22:36	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 22:36	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 22:36	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 22:36	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 22:36	SS

Sample Information

Client Sample ID: MW3 **York Sample ID:** 13K0219-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0219	American Cleaners Kingston Ground-Water	Water	November 3, 2013 4:22 pm	11/07/2013

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
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 22:36	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 22:36	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 22:36	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 22:36	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 22:36	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 22:36	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 22:36	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 22:36	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 22:36	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 22:36	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 22:36	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 22:36	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 22:36	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 22:36	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 22:36	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 22:36	SS
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 22:36	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 22:36	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 22:36	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 22:36	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C	11/15/2013 16:30	11/15/2013 22:36	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 22:36	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 22:36	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 22:36	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 22:36	SS
127-18-4	Tetrachloroethylene	**50**		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 22:36	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 22:36	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 22:36	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 22:36	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 22:36	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 22:36	SS

Sample Information

Client Sample ID: MW3 **York Sample ID:** 13K0219-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0219	American Cleaners Kingston Ground-Water	Water	November 3, 2013 4:22 pm	11/07/2013

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
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 22:36	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C	11/15/2013 16:30	11/15/2013 22:36	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 22:36	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*103 %*	*78-122*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*98.4 %*	*87-112*
2037-26-5	*Surrogate: Toluene-d8*	*98.5 %*	*91-110*

Sample Information

Client Sample ID: MW4 **York Sample ID:** 13K0219-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0219	American Cleaners Kingston Ground-Water	Water	November 4, 2013 12:10 pm	11/07/2013

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 8260C	11/15/2013 16:30	11/15/2013 23:11	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:11	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:11	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:11	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:11	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:11	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:11	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:11	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:11	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:11	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:11	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:11	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:11	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:11	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:11	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:11	SS

Sample Information

Client Sample ID: MW4 **York Sample ID:** 13K0219-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0219	American Cleaners Kingston Ground-Water	Water	November 4, 2013 12:10 pm	11/07/2013

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
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:11	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:11	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:11	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:11	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:11	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:11	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:11	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:11	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:11	SS
67-64-1	Acetone	ND	ICV-E	ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:11	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:11	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:11	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:11	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:11	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:11	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:11	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:11	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:11	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:11	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:11	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:11	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:11	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:11	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:11	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:11	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:11	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:11	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:11	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:11	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:11	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:11	SS

Sample Information

Client Sample ID: MW4 **York Sample ID:** 13K0219-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0219	American Cleaners Kingston Ground-Water	Water	November 4, 2013 12:10 pm	11/07/2013

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
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:11	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:11	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:11	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:11	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:11	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:11	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:11	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:11	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:11	SS
127-18-4	Tetrachloroethylene	**7.4**		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:11	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:11	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:11	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:11	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:11	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:11	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:11	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:11	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:11	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*96.9 %*	*78-122*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*95.3 %*	*87-112*
2037-26-5	*Surrogate: Toluene-d8*	*98.9 %*	*91-110*

Sample Information

Client Sample ID: MW5 **York Sample ID:** 13K0219-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0219	American Cleaners Kingston Ground-Water	Water	November 6, 2013 12:35 pm	11/07/2013

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 8260C	11/15/2013 16:30	11/15/2013 23:46	SS

Sample Information

Client Sample ID: MW5 **York Sample ID:** 13K0219-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0219	American Cleaners Kingston Ground-Water	Water	November 6, 2013 12:35 pm	11/07/2013

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
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:46	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:46	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:46	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:46	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:46	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:46	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:46	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:46	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:46	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:46	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:46	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:46	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:46	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:46	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:46	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:46	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:46	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:46	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:46	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:46	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:46	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:46	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:46	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:46	SS
67-64-1	Acetone	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:46	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:46	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:46	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:46	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:46	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:46	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:46	SS

Sample Information

Client Sample ID: MW5 **York Sample ID:** 13K0219-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0219	American Cleaners Kingston Ground-Water	Water	November 6, 2013 12:35 pm	11/07/2013

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 8260C	11/15/2013 16:30	11/15/2013 23:46	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:46	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:46	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:46	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:46	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:46	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:46	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:46	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:46	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:46	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:46	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:46	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:46	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:46	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:46	SS
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:46	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:46	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:46	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:46	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:46	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:46	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:46	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:46	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:46	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:46	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:46	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:46	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:46	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:46	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:46	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:46	SS

Sample Information

Client Sample ID: MW5 **York Sample ID:** 13K0219-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0219	American Cleaners Kingston Ground-Water	Water	November 6, 2013 12:35 pm	11/07/2013

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
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:46	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/15/2013 23:46	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*93.4 %*	*78-122*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.6 %*	*87-112*
2037-26-5	*Surrogate: Toluene-d8*	*105 %*	*91-110*

Sample Information

Client Sample ID: MW5 Duplicate **York Sample ID:** 13K0219-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0219	American Cleaners Kingston Ground-Water	Water	November 6, 2013 12:37 pm	11/07/2013

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 8260C	11/15/2013 16:30	11/16/2013 00:22	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:22	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:22	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:22	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:22	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:22	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:22	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:22	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:22	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:22	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:22	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:22	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:22	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:22	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:22	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:22	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:22	SS

Sample Information

Client Sample ID: **MW5 Duplicate** **York Sample ID:** **13K0219-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0219	American Cleaners Kingston Ground-Water	Water	November 6, 2013 12:37 pm	11/07/2013

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
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:22	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:22	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:22	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:22	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:22	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:22	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:22	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:22	SS
67-64-1	Acetone	ND	ICV-E	ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:22	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:22	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:22	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:22	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:22	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:22	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:22	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:22	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:22	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:22	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:22	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:22	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:22	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:22	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:22	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:22	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:22	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:22	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:22	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:22	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:22	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:22	SS
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:22	SS

Sample Information

Client Sample ID: **MW5 Duplicate** **York Sample ID:** **13K0219-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0219	American Cleaners Kingston Ground-Water	Water	November 6, 2013 12:37 pm	11/07/2013

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
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:22	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:22	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:22	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:22	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:22	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:22	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:22	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:22	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:22	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:22	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:22	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:22	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:22	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:22	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:22	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:22	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:22	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*99.0 %*	*78-122*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*98.1 %*	*87-112*
2037-26-5	*Surrogate: Toluene-d8*	*105 %*	*91-110*

Sample Information

Client Sample ID: **MW6** **York Sample ID:** **13K0219-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0219	American Cleaners Kingston Ground-Water	Water	November 4, 2013 12:45 pm	11/07/2013

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 8260C	11/15/2013 16:30	11/16/2013 00:57	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:57	SS

Sample Information

Client Sample ID: MW6 **York Sample ID:** 13K0219-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0219	American Cleaners Kingston Ground-Water	Water	November 4, 2013 12:45 pm	11/07/2013

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
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:57	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:57	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:57	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:57	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:57	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:57	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:57	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:57	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:57	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:57	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:57	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:57	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:57	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:57	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:57	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:57	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:57	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:57	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:57	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:57	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:57	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:57	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:57	SS
67-64-1	Acetone	ND	ICV-E	ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:57	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:57	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:57	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:57	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:57	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:57	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:57	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:57	SS

Sample Information

Client Sample ID: MW6 **York Sample ID:** 13K0219-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0219	American Cleaners Kingston Ground-Water	Water	November 4, 2013 12:45 pm	11/07/2013

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
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:57	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:57	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:57	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:57	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:57	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:57	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:57	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:57	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:57	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:57	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:57	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:57	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:57	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:57	SS
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:57	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:57	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:57	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:57	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:57	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:57	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:57	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:57	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:57	SS
127-18-4	Tetrachloroethylene	**14**		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:57	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:57	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:57	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:57	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:57	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:57	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:57	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C	11/15/2013 16:30	11/16/2013 00:57	SS

Sample Information

Client Sample ID: MW6 **York Sample ID:** 13K0219-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0219	American Cleaners Kingston Ground-Water	Water	November 4, 2013 12:45 pm	11/07/2013

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 8260C	11/15/2013 16:30	11/16/2013 00:57	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*103 %*	*78-122*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*102 %*	*87-112*
2037-26-5	*Surrogate: Toluene-d8*	*93.7 %*	*91-110*

Sample Information

Client Sample ID: Trip Blank **York Sample ID:** 13K0219-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0219	American Cleaners Kingston Ground-Water	Water	November 3, 2013 8:00 am	11/07/2013

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 8260C	11/15/2013 16:30	11/16/2013 01:32	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 01:32	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 01:32	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 01:32	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 01:32	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 01:32	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 01:32	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 01:32	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 01:32	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 01:32	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 01:32	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 01:32	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 01:32	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 01:32	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 01:32	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 01:32	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 01:32	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 01:32	SS

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **13K0219-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0219	American Cleaners Kingston Ground-Water	Water	November 3, 2013 8:00 am	11/07/2013

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
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 01:32	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 01:32	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 01:32	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 01:32	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 01:32	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 01:32	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 01:32	SS
67-64-1	Acetone	**2.6**	ICV-E, J	ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 01:32	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 01:32	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 01:32	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 01:32	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 01:32	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 01:32	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 01:32	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 01:32	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 01:32	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 01:32	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 01:32	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 01:32	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 01:32	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 01:32	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 01:32	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 01:32	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 01:32	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 01:32	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 01:32	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 01:32	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 01:32	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 01:32	SS
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 01:32	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 01:32	SS

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **13K0219-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0219	American Cleaners Kingston Ground-Water	Water	November 3, 2013 8:00 am	11/07/2013

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
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 01:32	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 01:32	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C	11/15/2013 16:30	11/16/2013 01:32	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 01:32	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 01:32	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 01:32	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 01:32	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 01:32	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 01:32	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 01:32	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 01:32	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 01:32	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 01:32	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 01:32	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C	11/15/2013 16:30	11/16/2013 01:32	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 01:32	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*104 %*	*78-122*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*105 %*	*87-112*
2037-26-5	*Surrogate: Toluene-d8*	*96.2 %*	*91-110*

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **13K0219-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0219	American Cleaners Kingston Ground-Water	Water	November 3, 2013 8:05 am	11/07/2013

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 8260C	11/15/2013 16:30	11/16/2013 02:08	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:08	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:08	SS

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **13K0219-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0219	American Cleaners Kingston Ground-Water	Water	November 3, 2013 8:05 am	11/07/2013

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
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:08	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:08	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:08	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:08	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:08	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:08	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:08	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:08	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:08	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:08	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:08	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:08	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:08	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:08	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:08	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:08	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:08	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:08	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:08	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:08	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:08	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:08	SS
67-64-1	Acetone	ND	ICV-E	ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:08	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:08	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:08	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:08	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:08	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:08	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:08	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:08	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:08	SS

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **13K0219-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0219	American Cleaners Kingston Ground-Water	Water	November 3, 2013 8:05 am	11/07/2013

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
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:08	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:08	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:08	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:08	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:08	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:08	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:08	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:08	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:08	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:08	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:08	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:08	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:08	SS
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:08	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:08	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:08	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:08	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:08	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:08	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:08	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:08	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:08	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:08	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:08	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:08	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:08	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:08	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:08	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:08	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:08	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:08	SS

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **13K0219-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0219	American Cleaners Kingston Ground-Water	Water	November 3, 2013 8:05 am	11/07/2013

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
	Surrogate Recoveries	**Result**		**Acceptance Range**							
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*96.1 %*		*78-122*							
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.0 %*		*87-112*							
2037-26-5	*Surrogate: Toluene-d8*	*99.6 %*		*91-110*							

Sample Information

Client Sample ID: **MW7** **York Sample ID:** **13K0219-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0219	American Cleaners Kingston Ground-Water	Water	November 4, 2013 4:50 pm	11/07/2013

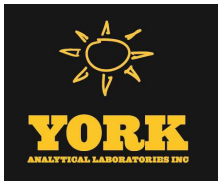
Volatile Organics, 8260 List

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 8260C	11/15/2013 16:30	11/16/2013 02:43	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:43	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:43	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:43	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:43	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:43	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:43	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:43	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:43	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:43	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:43	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:43	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:43	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:43	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:43	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:43	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:43	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:43	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:43	SS



Sample Information

Client Sample ID: **MW7** **York Sample ID:** **13K0219-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0219	American Cleaners Kingston Ground-Water	Water	November 4, 2013 4:50 pm	11/07/2013

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 8260C	11/15/2013 16:30	11/16/2013 02:43	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:43	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:43	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:43	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:43	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:43	SS
67-64-1	Acetone	ND	ICV-E	ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:43	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:43	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:43	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:43	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:43	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:43	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:43	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:43	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:43	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:43	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:43	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:43	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:43	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:43	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:43	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:43	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:43	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:43	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:43	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:43	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:43	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:43	SS
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:43	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:43	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:43	SS

Sample Information

Client Sample ID: MW7 **York Sample ID:** 13K0219-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0219	American Cleaners Kingston Ground-Water	Water	November 4, 2013 4:50 pm	11/07/2013

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
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:43	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:43	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:43	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:43	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:43	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:43	SS
127-18-4	Tetrachloroethylene	**28**		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:43	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:43	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:43	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:43	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:43	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:43	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:43	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:43	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 02:43	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*109 %*	*78-122*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*97.1 %*	*87-112*
2037-26-5	*Surrogate: Toluene-d8*	*100 %*	*91-110*

Sample Information

Client Sample ID: MW8 **York Sample ID:** 13K0219-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0219	American Cleaners Kingston Ground-Water	Water	November 4, 2013 10:50 am	11/07/2013

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 8260C	11/15/2013 16:30	11/16/2013 03:18	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:18	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:18	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:18	SS

Sample Information

Client Sample ID: MW8 **York Sample ID:** 13K0219-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0219	American Cleaners Kingston Ground-Water	Water	November 4, 2013 10:50 am	11/07/2013

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
79-00-5	1,1,2-Trichloroethane	**5.1**		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:18	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:18	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:18	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:18	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:18	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:18	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:18	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:18	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:18	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:18	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:18	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:18	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:18	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:18	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:18	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:18	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:18	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:18	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:18	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:18	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:18	SS
67-64-1	Acetone	ND	ICV-E	ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:18	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:18	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:18	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:18	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:18	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:18	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:18	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:18	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:18	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:18	SS

Sample Information

Client Sample ID: **MW8** **York Sample ID:** **13K0219-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0219	American Cleaners Kingston Ground-Water	Water	November 4, 2013 10:50 am	11/07/2013

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
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:18	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:18	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:18	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:18	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:18	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:18	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:18	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:18	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:18	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:18	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:18	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:18	SS
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:18	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:18	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:18	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:18	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:18	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:18	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:18	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:18	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:18	SS
127-18-4	Tetrachloroethylene	**150**		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:18	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:18	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:18	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:18	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:18	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:18	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:18	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:18	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:18	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*99.9 %*	*78-122*

Sample Information

Client Sample ID: MW8 **York Sample ID:** 13K0219-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0219	American Cleaners Kingston Ground-Water	Water	November 4, 2013 10:50 am	11/07/2013

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
460-00-4	*Surrogate: p-Bromofluorobenzene*	*94.8 %*			*87-112*						
2037-26-5	*Surrogate: Toluene-d8*	*105 %*			*91-110*						

Sample Information

Client Sample ID: MW9 **York Sample ID:** 13K0219-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0219	American Cleaners Kingston Ground-Water	Water	November 4, 2013 3:25 pm	11/07/2013

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 8260C	11/15/2013 16:30	11/16/2013 03:54	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:54	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:54	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:54	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:54	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:54	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:54	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:54	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:54	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:54	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:54	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:54	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:54	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:54	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:54	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:54	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:54	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:54	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:54	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:54	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:54	SS

Sample Information

Client Sample ID: MW9 **York Sample ID:** 13K0219-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0219	American Cleaners Kingston Ground-Water	Water	November 4, 2013 3:25 pm	11/07/2013

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
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:54	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:54	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:54	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:54	SS
67-64-1	Acetone	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:54	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:54	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:54	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:54	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:54	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:54	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:54	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:54	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:54	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:54	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:54	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:54	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:54	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:54	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:54	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:54	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:54	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:54	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:54	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:54	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:54	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:54	SS
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:54	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:54	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:54	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:54	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:54	SS

Sample Information

Client Sample ID: MW9 **York Sample ID:** 13K0219-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0219	American Cleaners Kingston Ground-Water	Water	November 4, 2013 3:25 pm	11/07/2013

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
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:54	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:54	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:54	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:54	SS
127-18-4	Tetrachloroethylene	**17**		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:54	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:54	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:54	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:54	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:54	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:54	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:54	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:54	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 03:54	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*102 %*	*78-122*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*109 %*	*87-112*
2037-26-5	*Surrogate: Toluene-d8*	*100 %*	*91-110*

Sample Information

Client Sample ID: MW16 **York Sample ID:** 13K0219-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0219	American Cleaners Kingston Ground-Water	Water	November 6, 2013 2:00 pm	11/07/2013

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 8260C	11/15/2013 16:30	11/16/2013 04:29	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 04:29	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 04:29	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 04:29	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 04:29	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 04:29	SS

Sample Information

Client Sample ID: MW16 **York Sample ID:** 13K0219-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0219	American Cleaners Kingston Ground-Water	Water	November 6, 2013 2:00 pm	11/07/2013

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 8260C	11/15/2013 16:30	11/16/2013 04:29	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 04:29	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 04:29	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 04:29	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 04:29	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 04:29	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 04:29	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 04:29	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 04:29	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 04:29	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 04:29	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 04:29	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 04:29	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 04:29	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 04:29	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 04:29	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 04:29	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 04:29	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 04:29	SS
67-64-1	Acetone	**3.3**	ICV-E, J	ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 04:29	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 04:29	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 04:29	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 04:29	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 04:29	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 04:29	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 04:29	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 04:29	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 04:29	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 04:29	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 04:29	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 04:29	SS

Sample Information

Client Sample ID: MW16 **York Sample ID:** 13K0219-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0219	American Cleaners Kingston Ground-Water	Water	November 6, 2013 2:00 pm	11/07/2013

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
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 04:29	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 04:29	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 04:29	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 04:29	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 04:29	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 04:29	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 04:29	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 04:29	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 04:29	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 04:29	SS
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 04:29	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 04:29	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 04:29	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 04:29	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C	11/15/2013 16:30	11/16/2013 04:29	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 04:29	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 04:29	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 04:29	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 04:29	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 04:29	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 04:29	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 04:29	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 04:29	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 04:29	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 04:29	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 04:29	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C	11/15/2013 16:30	11/16/2013 04:29	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 04:29	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*102 %*	*78-122*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*97.1 %*	*87-112*
2037-26-5	*Surrogate: Toluene-d8*	*105 %*	*91-110*

Sample Information

Client Sample ID: MW16 **York Sample ID:** 13K0219-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0219	American Cleaners Kingston Ground-Water	Water	November 6, 2013 2:00 pm	11/07/2013

Sample Information

Client Sample ID: MW17 **York Sample ID:** 13K0219-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0219	American Cleaners Kingston Ground-Water	Water	November 6, 2013 2:50 pm	11/07/2013

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 8260C	11/15/2013 16:30	11/16/2013 05:04	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:04	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:04	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:04	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:04	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:04	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:04	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:04	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:04	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:04	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:04	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:04	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:04	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:04	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:04	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:04	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:04	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:04	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:04	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:04	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:04	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:04	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:04	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:04	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:04	SS

Sample Information

Client Sample ID: MW17 **York Sample ID:** 13K0219-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0219	American Cleaners Kingston Ground-Water	Water	November 6, 2013 2:50 pm	11/07/2013

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
67-64-1	Acetone	ND	ICV-E	ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:04	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:04	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:04	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:04	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:04	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:04	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:04	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:04	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:04	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:04	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:04	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:04	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:04	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:04	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:04	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:04	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:04	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:04	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:04	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:04	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:04	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:04	SS
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:04	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:04	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:04	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:04	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:04	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:04	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:04	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:04	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:04	SS

Sample Information

Client Sample ID: MW17 **York Sample ID:** 13K0219-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0219	American Cleaners Kingston Ground-Water	Water	November 6, 2013 2:50 pm	11/07/2013

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
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:04	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:04	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:04	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:04	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:04	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:04	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:04	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:04	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:04	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*106 %*	*78-122*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*101 %*	*87-112*
2037-26-5	*Surrogate: Toluene-d8*	*108 %*	*91-110*

Sample Information

Client Sample ID: LP1 (13-16') **York Sample ID:** 13K0219-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0219	American Cleaners Kingston Ground-Water	Water	November 5, 2013 10:03 am	11/07/2013

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 8260C	11/15/2013 16:30	11/16/2013 05:40	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:40	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:40	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:40	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:40	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:40	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:40	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:40	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:40	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:40	SS

Sample Information

Client Sample ID: LP1 (13-16')

York Sample ID: 13K0219-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0219	American Cleaners Kingston Ground-Water	Water	November 5, 2013 10:03 am	11/07/2013

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
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:40	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:40	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:40	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:40	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:40	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:40	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:40	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:40	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:40	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:40	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:40	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:40	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:40	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:40	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:40	SS
67-64-1	Acetone	ND	ICV-E	ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:40	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:40	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:40	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:40	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:40	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:40	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:40	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:40	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:40	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:40	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:40	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:40	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:40	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:40	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:40	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:40	SS

Sample Information

Client Sample ID: LP1 (13-16')

York Sample ID: 13K0219-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0219	American Cleaners Kingston Ground-Water	Water	November 5, 2013 10:03 am	11/07/2013

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
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:40	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:40	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:40	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:40	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:40	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:40	SS
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:40	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:40	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:40	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:40	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:40	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:40	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:40	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:40	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:40	SS
127-18-4	Tetrachloroethylene	**47**		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:40	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:40	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:40	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:40	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:40	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:40	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:40	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:40	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 05:40	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*105 %*	*78-122*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*106 %*	*87-112*
2037-26-5	*Surrogate: Toluene-d8*	*106 %*	*91-110*

Sample Information

Client Sample ID: LP2 (22-25')

York Sample ID: 13K0219-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0219	American Cleaners Kingston Ground-Water	Water	November 5, 2013 12:32 pm	11/07/2013

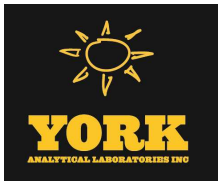
Volatile Organics, 8260 List

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 8260C	11/15/2013 16:30	11/16/2013 06:15	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:15	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:15	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:15	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:15	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:15	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:15	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:15	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:15	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:15	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:15	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:15	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:15	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:15	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:15	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:15	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:15	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:15	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:15	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:15	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:15	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:15	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:15	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:15	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:15	SS
67-64-1	Acetone	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:15	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:15	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:15	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:15	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:15	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:15	SS



Sample Information

Client Sample ID: **LP2 (22-25')** **York Sample ID:** **13K0219-16**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0219	American Cleaners Kingston Ground-Water	Water	November 5, 2013 12:32 pm	11/07/2013

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
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:15	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:15	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:15	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:15	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:15	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:15	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:15	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:15	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:15	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:15	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:15	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:15	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:15	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:15	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:15	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:15	SS
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:15	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:15	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:15	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:15	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:15	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:15	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:15	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:15	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:15	SS
127-18-4	Tetrachloroethylene	**18**		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:15	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:15	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:15	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:15	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:15	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:15	SS

Sample Information

Client Sample ID: LP2 (22-25') **York Sample ID:** 13K0219-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0219	American Cleaners Kingston Ground-Water	Water	November 5, 2013 12:32 pm	11/07/2013

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
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:15	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:15	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:15	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*110 %*	*78-122*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*101 %*	*87-112*
2037-26-5	*Surrogate: Toluene-d8*	*109 %*	*91-110*

Sample Information

Client Sample ID: LP3 (13-16') **York Sample ID:** 13K0219-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0219	American Cleaners Kingston Ground-Water	Water	November 5, 2013 1:27 pm	11/07/2013

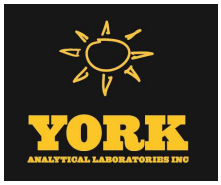
Volatile Organics, 8260 List

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 8260C	11/15/2013 16:30	11/16/2013 06:50	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:50	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:50	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:50	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:50	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:50	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:50	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:50	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:50	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:50	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:50	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:50	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:50	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:50	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:50	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:50	SS



Sample Information

Client Sample ID: **LP3 (13-16')** **York Sample ID:** **13K0219-17**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0219	American Cleaners Kingston Ground-Water	Water	November 5, 2013 1:27 pm	11/07/2013

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
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:50	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:50	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:50	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:50	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:50	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:50	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:50	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:50	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:50	SS
67-64-1	Acetone	ND	ICV-E	ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:50	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:50	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:50	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:50	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:50	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:50	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:50	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:50	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:50	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:50	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:50	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:50	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:50	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:50	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:50	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:50	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:50	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:50	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:50	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:50	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:50	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:50	SS

Sample Information

Client Sample ID: LP3 (13-16')

York Sample ID: 13K0219-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13K0219	American Cleaners Kingston Ground-Water	Water	November 5, 2013 1:27 pm	11/07/2013

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
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:50	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:50	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:50	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:50	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:50	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:50	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:50	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:50	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:50	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:50	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:50	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:50	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:50	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:50	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:50	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:50	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:50	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C	11/15/2013 16:30	11/16/2013 06:50	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*98.7 %*	*78-122*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*98.5 %*	*87-112*
2037-26-5	*Surrogate: Toluene-d8*	*98.8 %*	*91-110*

Analytical Batch Summary

Batch ID: BK30727 **Preparation Method:** EPA 5030B **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
13K0219-01	MW1	11/15/13
13K0219-02	MW2	11/15/13
BK30727-BLK1	Blank	11/15/13
BK30727-BS1	LCS	11/15/13
BK30727-BSD1	LCS Dup	11/15/13

Batch ID: BK30798 **Preparation Method:** EPA 5030B **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
13K0219-03	MW3	11/15/13
13K0219-04	MW4	11/15/13
13K0219-05	MW5	11/15/13
13K0219-06	MW5 Duplicate	11/15/13
13K0219-07	MW6	11/15/13
13K0219-08	Trip Blank	11/15/13
13K0219-09	Field Blank	11/15/13
13K0219-10	MW7	11/15/13
13K0219-11	MW8	11/15/13
13K0219-12	MW9	11/15/13
13K0219-13	MW16	11/15/13
13K0219-14	MW17	11/15/13
13K0219-15	LP1 (13-16')	11/15/13
13K0219-16	LP2 (22-25')	11/15/13
13K0219-17	LP3 (13-16')	11/15/13
BK30798-BLK1	Blank	11/15/13
BK30798-BS1	LCS	11/15/13
BK30798-BSD1	LCS Dup	11/15/13
BK30798-MS1	Matrix Spike	11/15/13

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 BK30727 - EPA 5030B											
Blank (BK30727-BLK1)											Prepared & Analyzed: 11/15/2013
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	"								
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	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

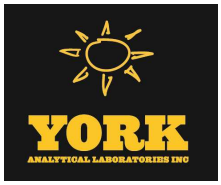
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK30727 - EPA 5030B											
Blank (BK30727-BLK1)									Prepared & Analyzed: 11/15/2013		
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	*49.2*		*"*	*50.0*		*98.3*	*78-122*				
Surrogate: p-Bromofluorobenzene	*49.8*		*"*	*50.0*		*99.7*	*87-112*				
Surrogate: Toluene-d8	*51.9*		*"*	*50.0*		*104*	*91-110*				
LCS (BK30727-BS1)									Prepared & Analyzed: 11/15/2013		
1,1,1,2-Tetrachloroethane	51		ug/L	50.0		102	90-116				
1,1,1-Trichloroethane	50		"	50.0		101	83-125				
1,1,2,2-Tetrachloroethane	56		"	50.0		111	84-122				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	57		"	50.0		113	66-141				
1,1,2-Trichloroethane	56		"	50.0		113	83-116				
1,1-Dichloroethane	52		"	50.0		104	82-121				
1,1-Dichloroethylene	52		"	50.0		104	59-135				
1,1-Dichloropropylene	49		"	50.0		98.2	81-112				
1,2,3-Trichlorobenzene	51		"	50.0		103	74-132				
1,2,3-Trichloropropane	56		"	50.0		111	83-118				
1,2,4-Trichlorobenzene	52		"	50.0		104	72-133				
1,2,4-Trimethylbenzene	48		"	50.0		95.7	82-119				
1,2-Dibromo-3-chloropropane	59		"	50.0		119	69-134				
1,2-Dibromoethane	54		"	50.0		108	85-118				
1,2-Dichlorobenzene	48		"	50.0		96.2	87-116				
1,2-Dichloroethane	52		"	50.0		105	79-125				
1,2-Dichloropropane	54		"	50.0		109	82-119				
1,3,5-Trimethylbenzene	49		"	50.0		98.0	84-120				
1,3-Dichlorobenzene	49		"	50.0		97.2	85-116				
1,3-Dichloropropane	55		"	50.0		110	86-114				
1,4-Dichlorobenzene	48		"	50.0		96.1	84-116				
2,2-Dichloropropane	51		"	50.0		102	56-138				
2-Butanone	53		"	50.0		105	59-127				
2-Chlorotoluene	49		"	50.0		98.8	82-117				
4-Chlorotoluene	50		"	50.0		99.4	84-118				
Acetone	36		"	50.0		71.2	30-112				
Benzene	52		"	50.0		104	88-113				
Bromobenzene	54		"	50.0		107	85-117				
Bromochloromethane	56		"	50.0		112	80-120				
Bromodichloromethane	53		"	50.0		106	87-122				
Bromoform	49		"	50.0		98.9	83-127				
Bromomethane	47		"	50.0		94.4	36-135				
Carbon tetrachloride	49		"	50.0		98.6	82-128				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

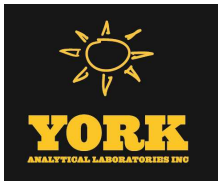
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK30727 - EPA 5030B											
LCS (BK30727-BS1)								Prepared & Analyzed: 11/15/2013			
Chlorobenzene	52		ug/L	50.0		104	90-111				
Chloroethane	54		"	50.0		108	60-132				
Chloroform	51		"	50.0		102	89-116				
Chloromethane	54		"	50.0		107	39-131				
cis-1,2-Dichloroethylene	50		"	50.0		101	90-112				
cis-1,3-Dichloropropylene	55		"	50.0		111	89-124				
Dibromochloromethane	51		"	50.0		102	82-132				
Dibromomethane	57		"	50.0		114	83-124				
Dichlorodifluoromethane	51		"	50.0		102	10-143				
Ethyl Benzene	52		"	50.0		104	91-117				
Hexachlorobutadiene	51		"	50.0		101	83-129				
Isopropylbenzene	46		"	50.0		92.9	82-122				
Methyl tert-butyl ether (MTBE)	51		"	50.0		101	59-135				
Methylene chloride	48		"	50.0		96.6	51-136				
Naphthalene	58		"	50.0		115	61-147				
n-Butylbenzene	46		"	50.0		92.9	79-122				
n-Propylbenzene	51		"	50.0		102	80-123				
o-Xylene	52		"	50.0		105	91-110				
p- & m- Xylenes	100		"	100		99.7	86-118				
p-Isopropyltoluene	49		"	50.0		97.6	83-125				
sec-Butylbenzene	50		"	50.0		99.5	82-127				
Styrene	58		"	50.0		116	88-121				
tert-Butylbenzene	48		"	50.0		95.8	70-130				
Tetrachloroethylene	49		"	50.0		97.1	67-138				
Toluene	48		"	50.0		96.9	88-113				
trans-1,2-Dichloroethylene	51		"	50.0		102	73-123				
trans-1,3-Dichloropropylene	58		"	50.0		117	85-123				
Trichloroethylene	54		"	50.0		107	83-120				
Trichlorofluoromethane	49		"	50.0		97.9	62-138				
Vinyl Chloride	54		"	50.0		107	49-127				
Vinyl acetate	13		"	50.0		26.2	21-90				
Surrogate: 1,2-Dichloroethane-d4	*51.3*		*"*	*50.0*		*103*	*78-122*				
Surrogate: p-Bromofluorobenzene	*47.7*		*"*	*50.0*		*95.5*	*87-112*				
Surrogate: Toluene-d8	*49.2*		*"*	*50.0*		*98.4*	*91-110*				



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 BK30727 - EPA 5030B											
LCS Dup (BK30727-BSD1)								Prepared & Analyzed: 11/15/2013			
1,1,1,2-Tetrachloroethane	56		ug/L	50.0		113	90-116		9.78	30	
1,1,1-Trichloroethane	50		"	50.0		100	83-125		0.159	30	
1,1,2,2-Tetrachloroethane	58		"	50.0		116	84-122		3.92	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	55		"	50.0		110	66-141		3.01	30	
1,1,2-Trichloroethane	53		"	50.0		106	83-116		5.86	30	
1,1-Dichloroethane	52		"	50.0		104	82-121		0.711	30	
1,1-Dichloroethylene	50		"	50.0		100	59-135		3.92	30	
1,1-Dichloropropylene	52		"	50.0		103	81-112		4.98	30	
1,2,3-Trichlorobenzene	55		"	50.0		110	74-132		6.73	30	
1,2,3-Trichloropropane	54		"	50.0		107	83-118		3.62	30	
1,2,4-Trichlorobenzene	53		"	50.0		106	72-133		1.97	30	
1,2,4-Trimethylbenzene	51		"	50.0		102	82-119		6.12	30	
1,2-Dibromo-3-chloropropane	57		"	50.0		114	69-134		4.20	30	
1,2-Dibromoethane	57		"	50.0		114	85-118		5.78	30	
1,2-Dichlorobenzene	50		"	50.0		99.4	87-116		3.33	30	
1,2-Dichloroethane	51		"	50.0		101	79-125		3.39	30	
1,2-Dichloropropane	56		"	50.0		113	82-119		3.58	30	
1,3,5-Trimethylbenzene	50		"	50.0		99.6	84-120		1.60	30	
1,3-Dichlorobenzene	51		"	50.0		101	85-116		4.11	30	
1,3-Dichloropropane	55		"	50.0		110	86-114		0.0910	30	
1,4-Dichlorobenzene	53		"	50.0		105	84-116		8.85	30	
2,2-Dichloropropane	52		"	50.0		104	56-138		2.45	30	
2-Butanone	52		"	50.0		104	59-127		1.53	30	
2-Chlorotoluene	50		"	50.0		99.6	82-117		0.746	30	
4-Chlorotoluene	50		"	50.0		99.8	84-118		0.422	30	
Acetone	33		"	50.0		65.3	30-112		8.61	30	
Benzene	49		"	50.0		98.3	88-113		5.19	30	
Bromobenzene	54		"	50.0		109	85-117		1.70	30	
Bromochloromethane	57		"	50.0		113	80-120		1.38	30	
Bromodichloromethane	56		"	50.0		111	87-122		4.65	30	
Bromoform	53		"	50.0		106	83-127		6.46	30	
Bromomethane	49		"	50.0		99.0	36-135		4.70	30	
Carbon tetrachloride	53		"	50.0		105	82-128		6.48	30	
Chlorobenzene	54		"	50.0		108	90-111		4.01	30	
Chloroethane	57		"	50.0		113	60-132		5.14	30	
Chloroform	54		"	50.0		108	89-116		5.24	30	
Chloromethane	54		"	50.0		109	39-131		1.82	30	
cis-1,2-Dichloroethylene	52		"	50.0		104	90-112		3.78	30	
cis-1,3-Dichloropropylene	57		"	50.0		114	89-124		2.67	30	
Dibromochloromethane	53		"	50.0		106	82-132		3.85	30	
Dibromomethane	58		"	50.0		116	83-124		1.74	30	
Dichlorodifluoromethane	52		"	50.0		104	10-143		1.30	30	
Ethyl Benzene	54		"	50.0		109	91-117		4.65	30	
Hexachlorobutadiene	54		"	50.0		107	83-129		5.93	30	
Isopropylbenzene	53		"	50.0		107	82-122		14.1	30	
Methyl tert-butyl ether (MTBE)	52		"	50.0		104	59-135		2.36	30	
Methylene chloride	50		"	50.0		101	51-136		4.32	30	
Naphthalene	59		"	50.0		117	61-147		2.00	30	
n-Butylbenzene	47		"	50.0		94.9	79-122		2.15	30	
n-Propylbenzene	55		"	50.0		110	80-123		7.50	30	
o-Xylene	57		"	50.0		114	91-110	High Bias	8.12	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

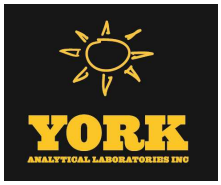
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK30727 - EPA 5030B											
LCS Dup (BK30727-BSD1)									Prepared & Analyzed: 11/15/2013		
p- & m- Xylenes	110		ug/L	100		106	86-118		6.17	30	
p-Isopropyltoluene	55		"	50.0		110	83-125		11.5	30	
sec-Butylbenzene	56		"	50.0		113	82-127		12.7	30	
Styrene	63		"	50.0		126	88-121	High Bias	8.41	30	
tert-Butylbenzene	49		"	50.0		97.9	70-130		2.19	30	
Tetrachloroethylene	53		"	50.0		105	67-138		8.03	30	
Toluene	55		"	50.0		109	88-113		11.9	30	
trans-1,2-Dichloroethylene	54		"	50.0		109	73-123		5.93	30	
trans-1,3-Dichloropropylene	56		"	50.0		112	85-123		4.13	30	
Trichloroethylene	52		"	50.0		104	83-120		2.99	30	
Trichlorofluoromethane	48		"	50.0		96.8	62-138		1.13	30	
Vinyl Chloride	55		"	50.0		109	49-127		1.83	30	
Vinyl acetate	13		"	50.0		26.2	21-90		0.153	30	
Surrogate: 1,2-Dichloroethane-d4	*46.6*		*"*	*50.0*		*93.3*	*78-122*				
Surrogate: p-Bromofluorobenzene	*48.8*		*"*	*50.0*		*97.6*	*87-112*				
Surrogate: Toluene-d8	*53.2*		*"*	*50.0*		*106*	*91-110*				
Batch BK30798 - EPA 5030B											
Blank (BK30798-BLK1)									Prepared & Analyzed: 11/15/2013		
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	"								
Bromomethane	ND	5.0	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

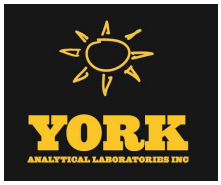
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK30798 - EPA 5030B											
Blank (BK30798-BLK1)											
Prepared & Analyzed: 11/15/2013											
Carbon tetrachloride	ND	5.0	ug/L								
Chlorobenzene	ND	5.0	"								
Chloroethane	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	"								
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	*50.5*		*"*	*50.0*		*101*	*78-122*				
Surrogate: p-Bromofluorobenzene	*46.9*		*"*	*50.0*		*93.8*	*87-112*				
Surrogate: Toluene-d8	*51.8*		*"*	*50.0*		*104*	*91-110*				



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 BK30798 - EPA 5030B											
LCS (BK30798-BS1)							Prepared & Analyzed: 11/15/2013				
1,1,1,2-Tetrachloroethane	53		ug/L	50.0		106	90-116				
1,1,1-Trichloroethane	51		"	50.0		101	83-125				
1,1,2,2-Tetrachloroethane	57		"	50.0		114	84-122				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	59		"	50.0		117	66-141				
1,1,2-Trichloroethane	55		"	50.0		110	83-116				
1,1-Dichloroethane	53		"	50.0		107	82-121				
1,1-Dichloroethylene	53		"	50.0		106	59-135				
1,1-Dichloropropylene	49		"	50.0		98.9	81-112				
1,2,3-Trichlorobenzene	54		"	50.0		109	74-132				
1,2,3-Trichloropropane	54		"	50.0		109	83-118				
1,2,4-Trichlorobenzene	50		"	50.0		99.6	72-133				
1,2,4-Trimethylbenzene	50		"	50.0		99.7	82-119				
1,2-Dibromo-3-chloropropane	60		"	50.0		120	69-134				
1,2-Dibromoethane	54		"	50.0		108	85-118				
1,2-Dichlorobenzene	52		"	50.0		103	87-116				
1,2-Dichloroethane	54		"	50.0		108	79-125				
1,2-Dichloropropane	56		"	50.0		112	82-119				
1,3,5-Trimethylbenzene	55		"	50.0		110	84-120				
1,3-Dichlorobenzene	51		"	50.0		102	85-116				
1,3-Dichloropropane	55		"	50.0		111	86-114				
1,4-Dichlorobenzene	50		"	50.0		99.0	84-116				
2,2-Dichloropropane	52		"	50.0		103	56-138				
2-Butanone	54		"	50.0		109	59-127				
2-Chlorotoluene	52		"	50.0		104	82-117				
4-Chlorotoluene	52		"	50.0		105	84-118				
Acetone	35		"	50.0		69.2	30-112				
Benzene	52		"	50.0		105	88-113				
Bromobenzene	54		"	50.0		108	85-117				
Bromochloromethane	55		"	50.0		110	80-120				
Bromodichloromethane	55		"	50.0		110	87-122				
Bromoform	51		"	50.0		102	83-127				
Bromomethane	48		"	50.0		96.6	36-135				
Carbon tetrachloride	50		"	50.0		99.4	82-128				
Chlorobenzene	53		"	50.0		106	90-111				
Chloroethane	58		"	50.0		116	60-132				
Chloroform	54		"	50.0		107	89-116				
Chloromethane	55		"	50.0		110	39-131				
cis-1,2-Dichloroethylene	52		"	50.0		104	90-112				
cis-1,3-Dichloropropylene	58		"	50.0		115	89-124				
Dibromochloromethane	51		"	50.0		102	82-132				
Dibromomethane	56		"	50.0		111	83-124				
Dichlorodifluoromethane	51		"	50.0		101	10-143				
Ethyl Benzene	55		"	50.0		110	91-117				
Hexachlorobutadiene	53		"	50.0		107	83-129				
Isopropylbenzene	54		"	50.0		107	82-122				
Methyl tert-butyl ether (MTBE)	53		"	50.0		105	59-135				
Methylene chloride	53		"	50.0		105	51-136				
Naphthalene	57		"	50.0		115	61-147				
n-Butylbenzene	47		"	50.0		94.6	79-122				
n-Propylbenzene	57		"	50.0		113	80-123				
o-Xylene	55		"	50.0		109	91-110				



Volatile Organic Compounds by GC/MS - Quality Control Data

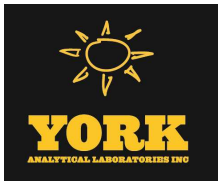
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK30798 - EPA 5030B											
LCS (BK30798-BS1)							Prepared & Analyzed: 11/15/2013				
p- & m- Xylenes	100		ug/L	100		102	86-118				
p-Isopropyltoluene	53		"	50.0		107	83-125				
sec-Butylbenzene	54		"	50.0		108	82-127				
Styrene	63		"	50.0		126	88-121	High Bias			
tert-Butylbenzene	50		"	50.0		101	70-130				
Tetrachloroethylene	53		"	50.0		105	67-138				
Toluene	53		"	50.0		105	88-113				
trans-1,2-Dichloroethylene	53		"	50.0		106	73-123				
trans-1,3-Dichloropropylene	54		"	50.0		108	85-123				
Trichloroethylene	53		"	50.0		107	83-120				
Trichlorofluoromethane	51		"	50.0		103	62-138				
Vinyl Chloride	55		"	50.0		109	49-127				
Vinyl acetate	14		"	50.0		27.4	21-90				
Surrogate: 1,2-Dichloroethane-d4	*52.0*		*"*	*50.0*		*104*	*78-122*				
Surrogate: p-Bromofluorobenzene	*47.2*		*"*	*50.0*		*94.4*	*87-112*				
Surrogate: Toluene-d8	*51.2*		*"*	*50.0*		*102*	*91-110*				
LCS Dup (BK30798-BSD1)							Prepared & Analyzed: 11/15/2013				
1,1,1,2-Tetrachloroethane	54		ug/L	50.0		107	90-116		1.16	30	
1,1,1-Trichloroethane	48		"	50.0		97.0	83-125		4.34	30	
1,1,2,2-Tetrachloroethane	57		"	50.0		114	84-122		0.316	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	58		"	50.0		116	66-141		1.51	30	
1,1,2-Trichloroethane	54		"	50.0		108	83-116		1.48	30	
1,1-Dichloroethane	52		"	50.0		104	82-121		2.71	30	
1,1-Dichloroethylene	54		"	50.0		107	59-135		1.16	30	
1,1-Dichloropropylene	49		"	50.0		98.9	81-112		0.0202	30	
1,2,3-Trichlorobenzene	52		"	50.0		105	74-132		3.78	30	
1,2,3-Trichloropropane	55		"	50.0		110	83-118		0.914	30	
1,2,4-Trichlorobenzene	50		"	50.0		99.8	72-133		0.221	30	
1,2,4-Trimethylbenzene	50		"	50.0		100	82-119		0.320	30	
1,2-Dibromo-3-chloropropane	53		"	50.0		106	69-134		12.6	30	
1,2-Dibromoethane	54		"	50.0		109	85-118		0.903	30	
1,2-Dichlorobenzene	50		"	50.0		100	87-116		2.62	30	
1,2-Dichloroethane	52		"	50.0		103	79-125		4.74	30	
1,2-Dichloropropane	55		"	50.0		111	82-119		1.12	30	
1,3,5-Trimethylbenzene	53		"	50.0		106	84-120		4.16	30	
1,3-Dichlorobenzene	49		"	50.0		98.7	85-116		3.09	30	
1,3-Dichloropropane	55		"	50.0		110	86-114		0.742	30	
1,4-Dichlorobenzene	51		"	50.0		102	84-116		2.93	30	
2,2-Dichloropropane	47		"	50.0		93.9	56-138		9.48	30	
2-Butanone	50		"	50.0		100	59-127		8.59	30	
2-Chlorotoluene	52		"	50.0		105	82-117		0.900	30	
4-Chlorotoluene	53		"	50.0		107	84-118		1.93	30	
Acetone	40		"	50.0		80.0	30-112		14.6	30	
Benzene	49		"	50.0		98.4	88-113		6.26	30	
Bromobenzene	54		"	50.0		107	85-117		0.780	30	
Bromochloromethane	56		"	50.0		111	80-120		0.687	30	
Bromodichloromethane	54		"	50.0		109	87-122		0.696	30	
Bromoform	53		"	50.0		106	83-127		3.74	30	
Bromomethane	47		"	50.0		93.9	36-135		2.79	30	
Carbon tetrachloride	50		"	50.0		99.8	82-128		0.402	30	
Chlorobenzene	52		"	50.0		104	90-111		2.25	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 BK30798 - EPA 5030B											
LCS Dup (BK30798-BSD1)								Prepared & Analyzed: 11/15/2013			
Chloroethane	57		ug/L	50.0		114	60-132		2.29	30	
Chloroform	53		"	50.0		105	89-116		1.64	30	
Chloromethane	54		"	50.0		108	39-131		1.75	30	
cis-1,2-Dichloroethylene	49		"	50.0		97.6	90-112		6.14	30	
cis-1,3-Dichloropropylene	56		"	50.0		112	89-124		3.21	30	
Dibromochloromethane	54		"	50.0		108	82-132		5.12	30	
Dibromomethane	53		"	50.0		106	83-124		4.99	30	
Dichlorodifluoromethane	50		"	50.0		99.3	10-143		1.80	30	
Ethyl Benzene	55		"	50.0		111	91-117		0.379	30	
Hexachlorobutadiene	54		"	50.0		109	83-129		1.67	30	
Isopropylbenzene	53		"	50.0		107	82-122		0.411	30	
Methyl tert-butyl ether (MTBE)	54		"	50.0		107	59-135		1.85	30	
Methylene chloride	52		"	50.0		104	51-136		1.16	30	
Naphthalene	58		"	50.0		117	61-147		1.93	30	
n-Butylbenzene	45		"	50.0		90.6	79-122		4.38	30	
n-Propylbenzene	54		"	50.0		108	80-123		4.26	30	
o-Xylene	54		"	50.0		108	91-110		1.24	30	
p- & m- Xylenes	110		"	100		106	86-118		4.49	30	
p-Isopropyltoluene	51		"	50.0		103	83-125		3.53	30	
sec-Butylbenzene	54		"	50.0		108	82-127		0.592	30	
Styrene	61		"	50.0		123	88-121	High Bias	2.81	30	
tert-Butylbenzene	52		"	50.0		103	70-130		2.57	30	
Tetrachloroethylene	55		"	50.0		111	67-138		5.00	30	
Toluene	53		"	50.0		106	88-113		0.775	30	
trans-1,2-Dichloroethylene	54		"	50.0		108	73-123		1.67	30	
trans-1,3-Dichloropropylene	53		"	50.0		107	85-123		1.10	30	
Trichloroethylene	53		"	50.0		105	83-120		1.13	30	
Trichlorofluoromethane	51		"	50.0		101	62-138		1.35	30	
Vinyl Chloride	53		"	50.0		106	49-127		3.28	30	
Vinyl acetate	13		"	50.0		25.8	21-90		5.95	30	
Surrogate: 1,2-Dichloroethane-d4	*49.9*		*"*	*50.0*		*99.7*	*78-122*				
Surrogate: p-Bromofluorobenzene	*48.7*		*"*	*50.0*		*97.4*	*87-112*				
Surrogate: Toluene-d8	*48.6*		*"*	*50.0*		*97.2*	*91-110*				



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 BK30798 - EPA 5030B											
Matrix Spike (BK30798-MS1)	*Source sample: 13K0219-17 (LP3 (13-16'))							Prepared: 11/15/2013 Analyzed: 11/16/2013			
1,1,1,2-Tetrachloroethane	56		ug/L	50.0	ND	113	92-113				
1,1,1-Trichloroethane	54		"	50.0	ND	108	80-129				
1,1,2,2-Tetrachloroethane	56		"	50.0	ND	112	81-124				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	60		"	50.0	ND	119	65-141				
1,1,2-Trichloroethane	57		"	50.0	ND	114	85-114				
1,1-Dichloroethane	56		"	50.0	ND	112	76-129				
1,1-Dichloroethylene	54		"	50.0	ND	108	56-138				
1,1-Dichloropropylene	51		"	50.0	ND	102	78-115				
1,2,3-Trichlorobenzene	48		"	50.0	ND	95.9	60-134				
1,2,3-Trichloropropane	56		"	50.0	ND	113	84-115				
1,2,4-Trichlorobenzene	44		"	50.0	ND	87.3	54-134				
1,2,4-Trimethylbenzene	47		"	50.0	ND	94.0	75-120				
1,2-Dibromo-3-chloropropane	53		"	50.0	ND	106	72-125				
1,2-Dibromoethane	59		"	50.0	ND	118	89-114	High Bias			
1,2-Dichlorobenzene	49		"	50.0	ND	98.8	80-117				
1,2-Dichloroethane	56		"	50.0	ND	113	76-132				
1,2-Dichloropropane	57		"	50.0	ND	114	84-120				
1,3,5-Trimethylbenzene	51		"	50.0	ND	102	66-130				
1,3-Dichlorobenzene	47		"	50.0	ND	94.3	72-121				
1,3-Dichloropropane	58		"	50.0	ND	116	86-114	High Bias			
1,4-Dichlorobenzene	47		"	50.0	ND	94.4	71-120				
2,2-Dichloropropane	48		"	50.0	ND	96.5	40-138				
2-Butanone	55		"	50.0	ND	110	41-143				
2-Chlorotoluene	52		"	50.0	ND	104	76-118				
4-Chlorotoluene	51		"	50.0	ND	102	73-123				
Acetone	38		"	50.0	1.4	73.3	15-115				
Benzene	54		"	50.0	ND	108	84-119				
Bromobenzene	54		"	50.0	ND	108	80-117				
Bromochloromethane	60		"	50.0	ND	120	84-120				
Bromodichloromethane	58		"	50.0	ND	116	86-124				
Bromoform	54		"	50.0	ND	109	79-124				
Bromomethane	44		"	50.0	ND	88.9	25-132				
Carbon tetrachloride	52		"	50.0	ND	103	79-131				
Chlorobenzene	53		"	50.0	ND	107	88-112				
Chloroethane	53		"	50.0	ND	106	66-128				
Chloroform	56		"	50.0	ND	111	84-123				
Chloromethane	50		"	50.0	ND	99.3	46-117				
cis-1,2-Dichloroethylene	54		"	50.0	ND	108	85-119				
cis-1,3-Dichloropropylene	59		"	50.0	ND	119	83-123				
Dibromochloromethane	58		"	50.0	ND	115	91-121				
Dibromomethane	61		"	50.0	ND	123	86-124				
Dichlorodifluoromethane	43		"	50.0	ND	86.9	10-139				
Ethyl Benzene	55		"	50.0	ND	109	89-117				
Hexachlorobutadiene	49		"	50.0	ND	97.6	71-134				
Isopropylbenzene	52		"	50.0	ND	105	76-122				
Methyl tert-butyl ether (MTBE)	52		"	50.0	ND	105	52-138				
Methylene chloride	53		"	50.0	ND	106	44-141				
Naphthalene	51		"	50.0	ND	102	47-149				
n-Butylbenzene	42		"	50.0	ND	84.0	70-122				
n-Propylbenzene	56		"	50.0	ND	113	71-123				
o-Xylene	55		"	50.0	ND	109	88-111				

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 BK30798 - EPA 5030B											
Matrix Spike (BK30798-MS1)	*Source sample: 13K0219-17 (LP3 (13-16'))								Prepared: 11/15/2013 Analyzed: 11/16/2013		
p- & m- Xylenes	110		ug/L	100	ND	111	83-118				
p-Isopropyltoluene	48		"	50.0	ND	96.6	72-128				
sec-Butylbenzene	55		"	50.0	ND	110	75-128				
Styrene	58		"	50.0	ND	116	83-121				
tert-Butylbenzene	52		"	50.0	ND	104	77-130				
Tetrachloroethylene	48		"	50.0	1.4	92.6	69-113				
Toluene	55		"	50.0	ND	110	84-116				
trans-1,2-Dichloroethylene	54		"	50.0	ND	107	73-125				
trans-1,3-Dichloropropylene	56		"	50.0	ND	112	76-121				
Trichloroethylene	60		"	50.0	ND	120	81-122				
Trichlorofluoromethane	53		"	50.0	ND	106	63-137				
Vinyl Chloride	51		"	50.0	ND	102	54-119				
Vinyl acetate	11		"	50.0	ND	21.6	10-87				
Surrogate: 1,2-Dichloroethane-d4	*50.7*		*"*	*50.0*		*101*	*78-122*				
Surrogate: p-Bromofluorobenzene	*49.4*		*"*	*50.0*		*98.9*	*87-112*				
Surrogate: Toluene-d8	*53.5*		*"*	*50.0*		*107*	*91-110*				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
13K0219-01	MW1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13K0219-02	MW2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13K0219-03	MW3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13K0219-04	MW4	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13K0219-05	MW5	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13K0219-06	MW5 Duplicate	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13K0219-07	MW6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13K0219-08	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13K0219-09	Field Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13K0219-10	MW7	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13K0219-11	MW8	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13K0219-12	MW9	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13K0219-13	MW16	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13K0219-14	MW17	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13K0219-15	LP1 (13-16')	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13K0219-16	LP2 (22-25')	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13K0219-17	LP3 (13-16')	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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.
ICV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for averge Rf or >20% Drift for quadratic fit).

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. 13K0219

YOUR Information

MID-HUDSON GEOSCIENCES
1003 N.Y. ROUTE 44/55
P.O. BOX 332
CLINTONDALE, NY 12515-0332

Phone No 845 883 5506
Contact Person Kathie Beinkafner
E-Mail Address rockdoctor@optonline.net

Report To:

Company
Address
Phone No
Attention
E-Mail Address

Invoice To:

Company American Cleaners
Address 360 Rt. 211 East
Middletown, NY 10940
Phone No 845 343 0111 x 102
Attention Mr. Erez Halevah
E-Mail Address erezh19@ymail.com

YOUR Project ID

American Cleaners
Kingston Ground-water

Purchase Order No.

Samples from: CT (NY) 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 Haz/Site 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.

Katherine J Beinkafner
Samples Collected/Authorized By (Signature)

Katherine J. Beinkafner
Name (printed)

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

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082 PCB	RCRA8	TPH GRO	Pri Poll	Corrosivity
624	Site Spec	STARS list	8081 Pest	PP13 list	TPH DRO	TCL+	Reactivity
STARS list	Nassau Co	BN Only	8151 Herb	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 TO-14A	Part 360 Extra	Hexavalent Cr
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO-15	Part 360 Basics	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360 Organics	BTU lb
Arom only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360 Inorganics	Aquatic Tox
Halog only	NJDEP list	App IX	Chlordane	Inorg Metals	Air TICs	NYSDEC Sewer	TCLP
App IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8-2118 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)
MW1	11/3 3:30pm	GW	8260 full	40ml clear vials - 3
MW2	11/3 3:00pm	GW	8260 full	40ml clear vials - 3
MW3	11/3 4:22pm	GW	8260 full	40ml clear vials 3
MW4	11/4 12:10pm	GW	8260 full	40ml clear vials - 3
MW5	11/6 12:35pm	GW	8260 full	40ml clear vials - 3
MW5 Duplicate	11/6 12:37pm	GW	8260 full	40ml clear vials - 3
MW6	11/4 1245pm	GW	8260 full	40ml clear vials - 3
Trip Blank	11/3 8:00AM	distilled water	8260 full	40ml clear vials - 3
Field Blank	11/3 8:05AM	distilled water	8260 full	40ml clear vials - 3

Comments
Chemical of concern . PCE
tetrachloroethylene

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

4°C ____ Frozen ____ HCl ✓ MeOH ____ HNO_3 ____ H_2SO_4 ____ NaOH ____
Zn Ac ____ Ascorbic Acid ____ Other ____

Katherine Beinkafner 11/7/13, 10AM
Samples Relinquished By Date/Time

Samples Relinquished By Date/Time

Chris 11-7-13 1630
Samples Received By Date/Time

P Grace 11-7-13 1620
Samples Received in LAB by Date/Time

Temperature on Receipt 3.9 °

Table of Contents

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York Project No. 13K0219

YOUR Information

MID-HUDSON GEOSCIENCES
1003 N.Y. ROUTE 44/55
P.O. BOX 332
CLINTONDALE, NY 12515-0332

Phone No. 845 883 5866
Contact Person: Kathie Beinkafner
E-Mail Address: rockdoctor@optonline.net

Report To:

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

Invoice To:

Company: American Cleaners
Address: 360 Rt. 211 East
Middletown, NY 10940
Phone No. 845 343 0111 x 102
Attention: Mr. Erez Halevah
E-Mail Address: erezh19@gmail.com

YOUR Project ID

American Cleaners Kingston Ground-water

Purchase Order No.

Samples from: CT NY NJ

Turn-Around Time

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

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- 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)

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- 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):

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Katherine J Beinkafner
Samples Collected/Authorized By (Signature)

Katherine J. Beinkafner
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)
MW 7	11/4 450pm	GW	8260 full	40ml clear vials - 3
MW 8	11/4 10:50AM	GW	8260 full	40ml clear vials - 3
MW 9	11/4 325 pm	GW	8260 full	40ml clear vials 3
MW 16	11/6 2:00 pm	GW	8260 full	40ml clear vials - 3
MW 17	11/6 250pm	GW	8260 full	40ml clear vials - 3
LP1 (13-16')	11/5 1083AM	GW	8260 full	40ml clear vials - 3
LP2 (22-25')	11/5 1232PM	GW	8260 full	40ml clear vials - 3
LP3 (13-16')	11/5 1:27PM	GW	8260 full	40ml clear vials - 3
				40ml clear vials -

Comments
Chemical of concern : PCE
tetrachloroethylene

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 ___

Katherine J Beinkafner 11/7/13 10AM
Samples Relinquished By Date/Time

Samples Relinquished By Date/Time

Chris 11-7-13 11:30
Samples Received By Date/Time

Grace 11-7-13 1620
Samples Received in LAB by Date/Time

Temperature on Receipt 3.9 °C

Table of Contents

Technical Report

prepared for:

Mid-Hudson Geosciences
1003 NY Route 44/55, P.O.Box 332
Clintondale NY, 12515-0332
Attention: Katherine Beinkafner

Report Date: 12/09/2015
Client Project ID: American Cleaners Kingston
York Project (SDG) No.: 15L0069

Report Date: 12/09/2015
Client Project ID: American Cleaners Kingston
York Project (SDG) No.: 15L0069

Mid-Hudson Geosciences
1003 NY Route 44/55, P.O.Box 332
Clintondale NY, 12515-0332
Attention: Katherine Beinkafner

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 December 02, 2015 and listed below. The project was identified as your project: **American Cleaners Kingston**.

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
15L0069-01	Trip Blank 11/29	Water	11/29/2015	12/02/2015
15L0069-02	Equipment Blank	Water	11/29/2015	12/02/2015
15L0069-03	MW 9	Water	11/29/2015	12/02/2015
15L0069-04	MW 16	Water	11/29/2015	12/02/2015
15L0069-05	MW 7	Water	11/29/2015	12/02/2015
15L0069-06	Trip Blank 12/1	Water	12/01/2015	12/02/2015
15L0069-07	MW 17	Water	12/01/2015	12/02/2015

General Notes for York Project (SDG) No.: 15L0069

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: 12/09/2015

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: Trip Blank 11/29 **York Sample ID:** 15L0069-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15L0069	American Cleaners Kingston	Water	November 29, 2015 3:00 pm	12/02/2015

Volatile Organics, 8260 List

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	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:20	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:20	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:20	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:20	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:20	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:20	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:20	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:20	SS NELAC-NY10854,NJDEP,PADEP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:20	SS NELAC-NY10854,NJDEP,PADEP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:20	SS NELAC-NY10854,NJDEP,PADEP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:20	SS NELAC-NY10854,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:20	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:20	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:20	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:20	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:20	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:20	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:20	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:20	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:20	SS NELAC-NY10854,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:20	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:20	SS NELAC-NY10854,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:20	SS CTDOH,NELAC-NY10854,NJDEP,PADEP

Sample Information

Client Sample ID: **Trip Blank 11/29** **York Sample ID:** **15L0069-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15L0069	American Cleaners Kingston	Water	November 29, 2015 3:00 pm	12/02/2015

Volatile Organics, 8260 List

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
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
67-64-1	Acetone	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:20 NELAC-NY10854,NJDEP,PADEP	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:20 NELAC-NY10854,NJDEP,PADEP	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:20 NELAC-NY10854,NJDEP,PADEP	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:20 NELAC-NY10854,NJDEP,PADEP	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:20 NELAC-NY10854,NJDEP,PADEP	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS

Sample Information

Client Sample ID: **Trip Blank 11/29** **York Sample ID:** **15L0069-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15L0069	American Cleaners Kingston	Water	November 29, 2015 3:00 pm	12/02/2015

Volatile Organics, 8260 List

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
91-20-3	Naphthalene	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	12/08/2015 17:21 NELAC-NY10854,NJDEP,PADEP	12/08/2015 23:20	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/08/2015 23:20	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/08/2015 23:20	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,PADEP	12/08/2015 23:20	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,PADEP	12/08/2015 23:20	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/08/2015 23:20	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/08/2015 23:20	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/08/2015 23:20	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/08/2015 23:20	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/08/2015 23:20	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/08/2015 23:20	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/08/2015 23:20	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/08/2015 23:20	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/08/2015 23:20	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/08/2015 23:20	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 NELAC-NY10854,NJDEP	12/08/2015 23:20	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/08/2015 23:20	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP	12/08/2015 23:20	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*99.0 %*	*65-135*
2037-26-5	*Surrogate: Toluene-d8*	*98.7 %*	*86-118*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*104 %*	*81-114*

Sample Information

Client Sample ID: **Equipment Blank** **York Sample ID:** **15L0069-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15L0069	American Cleaners Kingston	Water	November 29, 2015 3:00 pm	12/02/2015

Volatile Organics, 8260 List

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	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:47 NELAC-NY10854,NJDEP,PADEP	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:47 NELAC-NY10854,NJDEP,PADEP	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:47 NELAC-NY10854,NJDEP,PADEP	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:47 NELAC-NY10854,NJDEP,PADEP	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:47 NELAC-NY10854,NJDEP,PADEP	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:47 NELAC-NY10854,NJDEP,PADEP	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS

Sample Information

Client Sample ID: **Equipment Blank** **York Sample ID:** **15L0069-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15L0069	American Cleaners Kingston	Water	November 29, 2015 3:00 pm	12/02/2015

Volatile Organics, 8260 List

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
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:47	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
67-64-1	Acetone	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:47	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:47	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:47	SS NELAC-NY10854,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:47	SS NELAC-NY10854,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:47	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:47	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:47	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:47	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:47	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:47	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:47	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:47	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:47	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:47	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:47	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:47	SS NELAC-NY10854,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:47	SS NELAC-NY10854,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:47	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:47	SS NELAC-NY10854,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:47	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:47	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-09-2	Methylene chloride	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:47	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
91-20-3	Naphthalene	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	12/08/2015 17:21	12/08/2015 23:47	SS NELAC-NY10854,NJDEP,PADEP

Sample Information

Client Sample ID: **Equipment Blank** **York Sample ID:** **15L0069-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15L0069	American Cleaners Kingston	Water	November 29, 2015 3:00 pm	12/02/2015

Volatile Organics, 8260 List

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	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/08/2015 23:47	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/08/2015 23:47	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,PADEP	12/08/2015 23:47	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,PADEP	12/08/2015 23:47	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/08/2015 23:47	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/08/2015 23:47	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/08/2015 23:47	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/08/2015 23:47	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/08/2015 23:47	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/08/2015 23:47	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/08/2015 23:47	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/08/2015 23:47	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/08/2015 23:47	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/08/2015 23:47	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 NELAC-NY10854,NJDEP	12/08/2015 23:47	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/08/2015 23:47	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP	12/08/2015 23:47	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*104 %*	*65-135*
2037-26-5	*Surrogate: Toluene-d8*	*95.6 %*	*86-118*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*102 %*	*81-114*

Sample Information

Client Sample ID: **MW 9** **York Sample ID:** **15L0069-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15L0069	American Cleaners Kingston	Water	November 29, 2015 11:30 am	12/02/2015

Sample Information

Client Sample ID: **MW 9** **York Sample ID:** **15L0069-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15L0069	American Cleaners Kingston	Water	November 29, 2015 11:30 am	12/02/2015

Volatile Organics, 8260 List

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	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:14	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:14	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:14	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:14	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:14	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:14	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:14	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:14	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:14	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:14	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:14	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:14	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:14	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:14	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:14	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:14	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:14	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:14	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:14	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:14	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:14	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:14	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:14	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:14	SS

Sample Information

Client Sample ID: **MW 9** **York Sample ID:** **15L0069-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15L0069	American Cleaners Kingston	Water	November 29, 2015 11:30 am	12/02/2015

Volatile Organics, 8260 List

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
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:14	SS
67-64-1	Acetone	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:14	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:14	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:14	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:14	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:14	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:14	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:14	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:14	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:14	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:14	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:14	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:14	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:14	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:14	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:14	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:14	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:14	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:14	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:14	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:14	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:14	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:14	SS
91-20-3	Naphthalene	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	12/08/2015 17:21 NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:14	SS

Sample Information

Client Sample ID: **MW 9** **York Sample ID:** **15L0069-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15L0069	American Cleaners Kingston	Water	November 29, 2015 11:30 am	12/02/2015

Volatile Organics, 8260 List

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	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 00:14	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 00:14	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 00:14	SS CTDOH,NELAC-NY10854,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 00:14	SS CTDOH,NELAC-NY10854,PADEP
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 00:14	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 00:14	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 00:14	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 00:14	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
127-18-4	**Tetrachloroethylene**	**7.5**		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 00:14	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 00:14	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 00:14	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 00:14	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 00:14	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 00:14	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 00:14	SS NELAC-NY10854,NJDEP
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 00:14	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 00:14	SS CTDOH,NELAC-NY10854,NJDEP

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*108 %*	*65-135*
2037-26-5	*Surrogate: Toluene-d8*	*94.1 %*	*86-118*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*100 %*	*81-114*

Sample Information

Client Sample ID: MW 16 **York Sample ID:** 15L0069-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15L0069	American Cleaners Kingston	Water	November 29, 2015 12:30 pm	12/02/2015

Volatile Organics, 8260 List

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	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 00:40	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 00:40	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 00:40	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 00:40	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 00:40	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 00:40	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 00:40	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 00:40	SS NELAC-NY10854,NJDEP,PADEP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 00:40	SS NELAC-NY10854,NJDEP,PADEP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 00:40	SS NELAC-NY10854,NJDEP,PADEP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 00:40	SS NELAC-NY10854,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 00:40	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 00:40	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 00:40	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 00:40	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 00:40	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 00:40	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 00:40	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 00:40	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 00:40	SS NELAC-NY10854,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 00:40	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 00:40	SS NELAC-NY10854,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 00:40	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 00:40	SS CTDOH,NELAC-NY10854,NJDEP,PADEP

Sample Information

Client Sample ID: MW 16 **York Sample ID:** 15L0069-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15L0069	American Cleaners Kingston	Water	November 29, 2015 12:30 pm	12/02/2015

Volatile Organics, 8260 List

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
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:40	SS
67-64-1	Acetone	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:40	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:40	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:40	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:40	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:40	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:40	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:40	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:40	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:40	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:40	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:40	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:40	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:40	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:40	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:40	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:40	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:40	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:40	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:40	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:40	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:40	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:40	SS
91-20-3	Naphthalene	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	12/08/2015 17:21 NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:40	SS

Sample Information

Client Sample ID: MW 16 **York Sample ID:** 15L0069-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15L0069	American Cleaners Kingston	Water	November 29, 2015 12:30 pm	12/02/2015

Volatile Organics, 8260 List

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	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:40	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:40	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,PADEP	12/09/2015 00:40	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,PADEP	12/09/2015 00:40	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:40	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:40	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:40	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:40	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:40	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:40	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:40	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:40	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:40	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:40	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 NELAC-NY10854,NJDEP	12/09/2015 00:40	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 00:40	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP	12/09/2015 00:40	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*99.5 %*	*65-135*
2037-26-5	*Surrogate: Toluene-d8*	*94.4 %*	*86-118*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*102 %*	*81-114*

Sample Information

Client Sample ID: MW 7 **York Sample ID:** 15L0069-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15L0069	American Cleaners Kingston	Water	November 29, 2015 4:30 pm	12/02/2015

Sample Information

Client Sample ID: MW 7 **York Sample ID:** 15L0069-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15L0069	American Cleaners Kingston	Water	November 29, 2015 4:30 pm	12/02/2015

Volatile Organics, 8260 List

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	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:07	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:07	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:07	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:07	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:07	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:07	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:07	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:07	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:07	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:07	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:07	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:07	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:07	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:07	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:07	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:07	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:07	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:07	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:07	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:07	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:07	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:07	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:07	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:07	SS

Sample Information

Client Sample ID: **MW 7** **York Sample ID:** **15L0069-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15L0069	American Cleaners Kingston	Water	November 29, 2015 4:30 pm	12/02/2015

Volatile Organics, 8260 List

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
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 01:07	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
67-64-1	Acetone	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 01:07	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 01:07	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 01:07	SS NELAC-NY10854,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 01:07	SS NELAC-NY10854,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 01:07	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 01:07	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 01:07	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 01:07	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 01:07	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 01:07	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 01:07	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 01:07	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 01:07	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 01:07	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 01:07	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 01:07	SS NELAC-NY10854,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 01:07	SS NELAC-NY10854,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 01:07	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 01:07	SS NELAC-NY10854,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 01:07	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 01:07	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-09-2	Methylene chloride	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 01:07	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
91-20-3	Naphthalene	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 01:07	SS NELAC-NY10854,NJDEP,PADEP

Sample Information

Client Sample ID: **MW 7** **York Sample ID:** **15L0069-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15L0069	American Cleaners Kingston	Water	November 29, 2015 4:30 pm	12/02/2015

Volatile Organics, 8260 List

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	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:07	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:07	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,PADEP	12/09/2015 01:07	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,PADEP	12/09/2015 01:07	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:07	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:07	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:07	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:07	SS
127-18-4	**Tetrachloroethylene**	**19**		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:07	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:07	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:07	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:07	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:07	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:07	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 NELAC-NY10854,NJDEP	12/09/2015 01:07	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:07	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP	12/09/2015 01:07	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*102 %*	*65-135*
2037-26-5	*Surrogate: Toluene-d8*	*92.0 %*	*86-118*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*103 %*	*81-114*

Sample Information

Client Sample ID: Trip Blank 12/1 **York Sample ID:** 15L0069-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15L0069	American Cleaners Kingston	Water	December 1, 2015 3:00 pm	12/02/2015

Volatile Organics, 8260 List

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	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:34	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:34	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:34	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:34	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:34	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:34	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:34	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:34	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:34	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:34	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:34	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:34	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:34	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:34	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:34	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:34	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:34	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:34	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:34	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:34	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:34	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:34	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:34	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:34	SS

Sample Information

Client Sample ID: Trip Blank 12/1 **York Sample ID:** 15L0069-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15L0069	American Cleaners Kingston	Water	December 1, 2015 3:00 pm	12/02/2015

Volatile Organics, 8260 List

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
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:34	SS
67-64-1	Acetone	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:34	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:34	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:34	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:34	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:34	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:34	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:34	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:34	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:34	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:34	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:34	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:34	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:34	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:34	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:34	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:34	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:34	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:34	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:34	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:34	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:34	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:34	SS
91-20-3	Naphthalene	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	12/08/2015 17:21 NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:34	SS

Sample Information

Client Sample ID: **Trip Blank 12/1** **York Sample ID:** **15L0069-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15L0069	American Cleaners Kingston	Water	December 1, 2015 3:00 pm	12/02/2015

Volatile Organics, 8260 List

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	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:34	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:34	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,PADEP	12/09/2015 01:34	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,PADEP	12/09/2015 01:34	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:34	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:34	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:34	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:34	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:34	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:34	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:34	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:34	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:34	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:34	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 NELAC-NY10854,NJDEP	12/09/2015 01:34	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 01:34	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP	12/09/2015 01:34	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*99.3 %*	*65-135*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*	*86-118*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*106 %*	*81-114*

Sample Information

Client Sample ID: **MW 17** **York Sample ID:** **15L0069-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15L0069	American Cleaners Kingston	Water	December 1, 2015 11:30 am	12/02/2015

Sample Information

Client Sample ID: MW 17 **York Sample ID:** 15L0069-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15L0069	American Cleaners Kingston	Water	December 1, 2015 11:30 am	12/02/2015

Volatile Organics, 8260 List

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	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 02:01	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 02:01	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 02:01	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 02:01	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 02:01	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 02:01	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 02:01	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 NELAC-NY10854,NJDEP,PADEP	12/09/2015 02:01	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 NELAC-NY10854,NJDEP,PADEP	12/09/2015 02:01	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 NELAC-NY10854,NJDEP,PADEP	12/09/2015 02:01	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 NELAC-NY10854,NJDEP,PADEP	12/09/2015 02:01	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 02:01	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 02:01	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 02:01	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 02:01	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 02:01	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 02:01	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 02:01	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 02:01	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 NELAC-NY10854,NJDEP,PADEP	12/09/2015 02:01	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 02:01	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 NELAC-NY10854,NJDEP,PADEP	12/09/2015 02:01	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 02:01	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 02:01	SS

Sample Information

Client Sample ID: MW 17 **York Sample ID:** 15L0069-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15L0069	American Cleaners Kingston	Water	December 1, 2015 11:30 am	12/02/2015

Volatile Organics, 8260 List

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
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 02:01	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
67-64-1	Acetone	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 02:01	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 02:01	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 02:01	SS NELAC-NY10854,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 02:01	SS NELAC-NY10854,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 02:01	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 02:01	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 02:01	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 02:01	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 02:01	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 02:01	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 02:01	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 02:01	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 02:01	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 02:01	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 02:01	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 02:01	SS NELAC-NY10854,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 02:01	SS NELAC-NY10854,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 02:01	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 02:01	SS NELAC-NY10854,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 02:01	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 02:01	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-09-2	Methylene chloride	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 02:01	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
91-20-3	Naphthalene	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	12/08/2015 17:21	12/09/2015 02:01	SS NELAC-NY10854,NJDEP,PADEP

Sample Information

Client Sample ID: MW 17 **York Sample ID:** 15L0069-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15L0069	American Cleaners Kingston	Water	December 1, 2015 11:30 am	12/02/2015

Volatile Organics, 8260 List

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	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 02:01	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 02:01	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,PADEP	12/09/2015 02:01	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,PADEP	12/09/2015 02:01	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 02:01	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 02:01	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 02:01	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 02:01	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 02:01	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 02:01	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 02:01	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 02:01	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 02:01	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 02:01	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 NELAC-NY10854,NJDEP	12/09/2015 02:01	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/09/2015 02:01	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C Certifications:	12/08/2015 17:21 CTDOH,NELAC-NY10854,NJDEP	12/09/2015 02:01	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*102 %*	*65-135*
2037-26-5	*Surrogate: Toluene-d8*	*94.7 %*	*86-118*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*104 %*	*81-114*

Analytical Batch Summary

Batch ID: BL50470 **Preparation Method:** EPA 5030B **Prepared By:** BGS

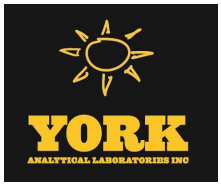
YORK Sample ID	Client Sample ID	Preparation Date
15L0069-01	Trip Blank 11/29	12/08/15
15L0069-02	Equipment Blank	12/08/15
15L0069-03	MW 9	12/08/15
15L0069-04	MW 16	12/08/15
15L0069-05	MW 7	12/08/15
15L0069-06	Trip Blank 12/1	12/08/15
15L0069-07	MW 17	12/08/15
BL50470-BLK1	Blank	12/08/15
BL50470-BS1	LCS	12/08/15
BL50470-BSD1	LCS Dup	12/08/15

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 BL50470 - EPA 5030B											
Blank (BL50470-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	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	"								
o-Xylene	ND	5.0	"								

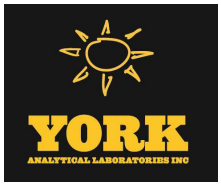
Prepared & Analyzed: 12/08/2015



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

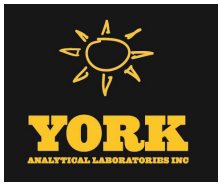
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL50470 - EPA 5030B											
Blank (BL50470-BLK1)								Prepared & Analyzed: 12/08/2015			
p- & m- Xylenes	ND	10	ug/L								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
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 acetate	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: 1,2-Dichloroethane-d4	*9.62*		*"*	*10.0*		*96.2*	*65-135*				
Surrogate: Toluene-d8	*9.50*		*"*	*10.0*		*95.0*	*86-118*				
Surrogate: p-Bromofluorobenzene	*10.6*		*"*	*10.0*		*106*	*81-114*				
LCS (BL50470-BS1)								Prepared & Analyzed: 12/08/2015			
1,1,1,2-Tetrachloroethane	10.2		ug/L	10.0		102	70-132				
1,1,1-Trichloroethane	11.2		"	10.0		112	68-138				
1,1,2,2-Tetrachloroethane	8.91		"	10.0		89.1	73-132				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.5		"	10.0		115	67-136				
1,1,2-Trichloroethane	9.13		"	10.0		91.3	79-125				
1,1-Dichloroethane	11.7		"	10.0		117	78-128				
1,1-Dichloroethylene	12.0		"	10.0		120	68-134				
1,1-Dichloropropylene	10.6		"	10.0		106	74-130				
1,2,3-Trichlorobenzene	10.9		"	10.0		109	77-140				
1,2,3-Trichloropropane	8.83		"	10.0		88.3	79-127				
1,2,4-Trichlorobenzene	8.30		"	10.0		83.0	75-141				
1,2,4-Trimethylbenzene	10.6		"	10.0		106	78-127				
1,2-Dibromo-3-chloropropane	7.84		"	10.0		78.4	60-150				
1,2-Dibromoethane	8.97		"	10.0		89.7	86-123				
1,2-Dichlorobenzene	9.59		"	10.0		95.9	79-125				
1,2-Dichloroethane	9.97		"	10.0		99.7	69-133				
1,2-Dichloropropane	9.57		"	10.0		95.7	76-124				
1,3,5-Trimethylbenzene	10.5		"	10.0		105	78-128				
1,3-Dichlorobenzene	10.0		"	10.0		100	81-124				
1,3-Dichloropropane	9.04		"	10.0		90.4	79-125				
1,4-Dichlorobenzene	9.75		"	10.0		97.5	82-124				
2,2-Dichloropropane	9.54		"	10.0		95.4	61-139				
2-Butanone	8.45		"	10.0		84.5	44-169				
2-Chlorotoluene	10.4		"	10.0		104	74-130				
4-Chlorotoluene	10.0		"	10.0		100	75-127				
Acetone	10.2		"	10.0		102	29-163				
Benzene	11.1		"	10.0		111	72-134				
Bromobenzene	9.75		"	10.0		97.5	74-129				
Bromochloromethane	11.3		"	10.0		113	69-134				
Bromodichloromethane	9.66		"	10.0		96.6	76-127				
Bromoform	9.32		"	10.0		93.2	77-137				
Bromomethane	3.94		"	10.0		39.4	50-156	Low Bias			
Carbon tetrachloride	11.4		"	10.0		114	62-145				



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 BL50470 - EPA 5030B											
LCS (BL50470-BS1)								Prepared & Analyzed: 12/08/2015			
Chlorobenzene	10.0		ug/L	10.0		100	85-119				
Chloroethane	11.5		"	10.0		115	49-143				
Chloroform	11.6		"	10.0		116	74-131				
Chloromethane	7.18		"	10.0		71.8	43-134				
cis-1,2-Dichloroethylene	10.8		"	10.0		108	73-134				
cis-1,3-Dichloropropylene	8.89		"	10.0		88.9	77-128				
Dibromochloromethane	9.67		"	10.0		96.7	79-130				
Dibromomethane	9.14		"	10.0		91.4	78-128				
Dichlorodifluoromethane	10.5		"	10.0		105	38-139				
Ethyl Benzene	10.2		"	10.0		102	80-129				
Hexachlorobutadiene	9.77		"	10.0		97.7	72-141				
Isopropylbenzene	10.0		"	10.0		100	76-128				
Methyl tert-butyl ether (MTBE)	10.3		"	10.0		103	64-142				
Methylene chloride	10.8		"	10.0		108	56-142				
Naphthalene	8.61		"	10.0		86.1	79-144				
n-Butylbenzene	10.3		"	10.0		103	74-132				
n-Propylbenzene	10.0		"	10.0		100	72-135				
o-Xylene	10.0		"	10.0		100	81-123				
p- & m- Xylenes	21.0		"	20.0		105	79-130				
p-Isopropyltoluene	10.2		"	10.0		102	80-127				
sec-Butylbenzene	10.1		"	10.0		101	78-127				
Styrene	11.4		"	10.0		114	82-124				
tert-Butylbenzene	9.76		"	10.0		97.6	75-131				
Tetrachloroethylene	10.2		"	10.0		102	78-133				
Toluene	10.3		"	10.0		103	83-122				
trans-1,2-Dichloroethylene	11.1		"	10.0		111	59-145				
trans-1,3-Dichloropropylene	8.86		"	10.0		88.6	74-131				
Trichloroethylene	9.37		"	10.0		93.7	81-125				
Trichlorofluoromethane	12.5		"	10.0		125	61-144				
Vinyl acetate	2.73		"	10.0		27.3	32-165	Low Bias			
Vinyl Chloride	11.2		"	10.0		112	42-136				
Surrogate: 1,2-Dichloroethane-d4	*9.85*		*"*	*10.0*		*98.5*	*65-135*				
Surrogate: Toluene-d8	*9.59*		*"*	*10.0*		*95.9*	*86-118*				
Surrogate: p-Bromofluorobenzene	*9.95*		*"*	*10.0*		*99.5*	*81-114*				



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 BL50470 - EPA 5030B											
LCS Dup (BL50470-BSD1)								Prepared & Analyzed: 12/08/2015			
1,1,1,2-Tetrachloroethane	10.4		ug/L	10.0		104	70-132		1.75	30	
1,1,1-Trichloroethane	11.2		"	10.0		112	68-138		0.179	30	
1,1,2,2-Tetrachloroethane	9.09		"	10.0		90.9	73-132		2.00	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.0		"	10.0		120	67-136		4.33	30	
1,1,2-Trichloroethane	9.39		"	10.0		93.9	79-125		2.81	30	
1,1-Dichloroethane	11.5		"	10.0		115	78-128		1.81	30	
1,1-Dichloroethylene	11.2		"	10.0		112	68-134		6.37	30	
1,1-Dichloropropylene	10.7		"	10.0		107	74-130		0.845	30	
1,2,3-Trichlorobenzene	10.9		"	10.0		109	77-140		0.551	30	
1,2,3-Trichloropropane	9.13		"	10.0		91.3	79-127		3.34	30	
1,2,4-Trichlorobenzene	8.83		"	10.0		88.3	75-141		6.19	30	
1,2,4-Trimethylbenzene	11.3		"	10.0		113	78-127		5.84	30	
1,2-Dibromo-3-chloropropane	8.09		"	10.0		80.9	60-150		3.14	30	
1,2-Dibromoethane	9.17		"	10.0		91.7	86-123		2.21	30	
1,2-Dichlorobenzene	9.83		"	10.0		98.3	79-125		2.47	30	
1,2-Dichloroethane	9.89		"	10.0		98.9	69-133		0.806	30	
1,2-Dichloropropane	9.84		"	10.0		98.4	76-124		2.78	30	
1,3,5-Trimethylbenzene	11.2		"	10.0		112	78-128		6.27	30	
1,3-Dichlorobenzene	10.7		"	10.0		107	81-124		6.76	30	
1,3-Dichloropropane	9.18		"	10.0		91.8	79-125		1.54	30	
1,4-Dichlorobenzene	10.4		"	10.0		104	82-124		6.26	30	
2,2-Dichloropropane	9.12		"	10.0		91.2	61-139		4.50	30	
2-Butanone	8.67		"	10.0		86.7	44-169		2.57	30	
2-Chlorotoluene	11.0		"	10.0		110	74-130		5.63	30	
4-Chlorotoluene	10.8		"	10.0		108	75-127		7.49	30	
Acetone	8.99		"	10.0		89.9	29-163		12.5	30	
Benzene	11.3		"	10.0		113	72-134		1.43	30	
Bromobenzene	10.2		"	10.0		102	74-129		4.02	30	
Bromochloromethane	11.0		"	10.0		110	69-134		2.06	30	
Bromodichloromethane	9.65		"	10.0		96.5	76-127		0.104	30	
Bromoform	9.23		"	10.0		92.3	77-137		0.970	30	
Bromomethane	4.50		"	10.0		45.0	50-156	Low Bias	13.3	30	
Carbon tetrachloride	11.5		"	10.0		115	62-145		1.49	30	
Chlorobenzene	10.3		"	10.0		103	85-119		2.66	30	
Chloroethane	11.9		"	10.0		119	49-143		3.49	30	
Chloroform	11.1		"	10.0		111	74-131		3.70	30	
Chloromethane	7.38		"	10.0		73.8	43-134		2.75	30	
cis-1,2-Dichloroethylene	10.5		"	10.0		105	73-134		2.64	30	
cis-1,3-Dichloropropylene	9.00		"	10.0		90.0	77-128		1.23	30	
Dibromochloromethane	9.54		"	10.0		95.4	79-130		1.35	30	
Dibromomethane	9.20		"	10.0		92.0	78-128		0.654	30	
Dichlorodifluoromethane	10.9		"	10.0		109	38-139		4.03	30	
Ethyl Benzene	10.4		"	10.0		104	80-129		1.93	30	
Hexachlorobutadiene	10.0		"	10.0		100	72-141		2.63	30	
Isopropylbenzene	10.6		"	10.0		106	76-128		5.91	30	
Methyl tert-butyl ether (MTBE)	10.1		"	10.0		101	64-142		1.57	30	
Methylene chloride	10.6		"	10.0		106	56-142		2.24	30	
Naphthalene	8.39		"	10.0		83.9	79-144		2.59	30	
n-Butylbenzene	10.8		"	10.0		108	74-132		4.81	30	
n-Propylbenzene	10.8		"	10.0		108	72-135		7.29	30	
o-Xylene	10.1		"	10.0		101	81-123		0.597	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 BL50470 - EPA 5030B											
LCS Dup (BL50470-BSD1)								Prepared & Analyzed: 12/08/2015			
p- & m- Xylenes	21.3		ug/L	20.0		106	79-130		1.28	30	
p-Isopropyltoluene	10.8		"	10.0		108	80-127		6.20	30	
sec-Butylbenzene	10.6		"	10.0		106	78-127		5.60	30	
Styrene	11.5		"	10.0		115	82-124		0.964	30	
tert-Butylbenzene	10.5		"	10.0		105	75-131		7.21	30	
Tetrachloroethylene	10.4		"	10.0		104	78-133		2.24	30	
Toluene	10.5		"	10.0		105	83-122		2.02	30	
trans-1,2-Dichloroethylene	10.9		"	10.0		109	59-145		1.45	30	
trans-1,3-Dichloropropylene	9.00		"	10.0		90.0	74-131		1.57	30	
Trichloroethylene	9.79		"	10.0		97.9	81-125		4.38	30	
Trichlorofluoromethane	12.9		"	10.0		129	61-144		3.06	30	
Vinyl acetate	2.73		"	10.0		27.3	32-165	Low Bias	0.00	30	
Vinyl Chloride	11.1		"	10.0		111	42-136		0.269	30	
Surrogate: 1,2-Dichloroethane-d4	*9.65*		*"*	*10.0*		*96.5*	*65-135*				
Surrogate: Toluene-d8	*9.77*		*"*	*10.0*		*97.7*	*86-118*				
Surrogate: p-Bromofluorobenzene	*10.3*		*"*	*10.0*		*103*	*81-114*				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
15L0069-01	Trip Blank 11/29	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15L0069-02	Equipment Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15L0069-03	MW 9	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15L0069-04	MW 16	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15L0069-05	MW 7	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15L0069-06	Trip Blank 12/1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15L0069-07	MW 17	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

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.

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*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

YORK ANALYTICAL LABORATORIES
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. 15L0069

YOUR Information
Company: Mid-Hudson Geosciences
1003 N.Y. ROUTE 44/55
P.O. BOX 332
CLINTONDALE, NY 12515-0332
Phone No. 845 883 5726
KATHERINE J. BEINKAFNER, PHD
E-Mail Address: rockdoctor@optonline.net

Report To:
Company:
Address:
Phone No.
Attention:
E-Mail Address:

Invoice To:
Company: American Cleaners
Address: 360 Rt 211 East
Middletown NY 10940
Phone No. 845 343 0111 x 102
Attention: Mr. Erez Halevah
E-Mail Address: Erez H19@gmail.com

YOUR Project ID
American Cleaners
Kingston

Purchase Order No.

Samples from: CT___ NY✓ 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.

Katherine J Beinkafner
Samples Collected/Authorized By (Signature)
Katherine J. Beinkafner
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 Dissolve Fraction)	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 11/29	11/29/15	Distilled Water	8260B Full + MTBE	3 40ml vials
Equipment Blank	11/29/15	Distilled Water	8260B Full + MTBE	3 40 ml vials
MW9	11/29/15 1130AM	GW	8260B Full + MTBE	3 40ml vials
MW16	11/29/15 1230PM	GW	8260B Full + MTBE	3 40ml vials
MW7	11/29/15 430PM	GW	8260B Full + MTBE	3 40ml Vials
Trip Blank 12/1	12/1/15	Distilled Water	8260B Full + MTBE	3 40 ml vials
MW17 12/1/15	11:30AM	GW	8260B Full + MTBE	3 40 ml vials

Comments
Chemical of concern; PCE

more samples to come when the rain stops.

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 ☐

Katherine J Beinkafner 12/2/15 8AM
Samples Relinquished By Date/Time

Samples Relinquished By Date/Time

Chris C 12-2-15 16:25
Samples Received By Date/Time

TC Gabler 12/2/15 1550
Samples Received in LAB by Date/Time

Temperature on Receipt
4.0 °C

Technical Report

prepared for:

Mid-Hudson Geosciences
1003 NY Route 44/55, P.O.Box 332
Clintondale NY, 12515-0332
Attention: Katherine Beinkafner

Report Date: 12/14/2015
Client Project ID: American Cleaners Kingston Part 2 of 2
York Project (SDG) No.: 15L0243

Report Date: 12/14/2015
Client Project ID: American Cleaners Kingston Part 2 of 2
York Project (SDG) No.: 15L0243

Mid-Hudson Geosciences
1003 NY Route 44/55, P.O.Box 332
Clintondale NY, 12515-0332
Attention: Katherine Beinkafner

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 December 07, 2015 and listed below. The project was identified as your project: **American Cleaners Kingston Part 2 of 2**.

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
15L0243-01	Trip Blank 12/3/15	Water	12/03/2015	12/07/2015
15L0243-02	MW3	Water	12/03/2015	12/07/2015
15L0243-03	MW3 Duplicate	Water	12/03/2015	12/07/2015
15L0243-04	MW6	Water	12/03/2015	12/07/2015
15L0243-05	MW4 (deep well)	Water	12/03/2015	12/07/2015
15L0243-06	MW8 (RCAL)	Water	12/03/2015	12/07/2015
15L0243-07	Trip Blank 12/4/15	Water	12/04/2015	12/07/2015
15L0243-08	MW1	Water	12/04/2015	12/07/2015
15L0243-09	MW2	Water	12/04/2015	12/07/2015
15L0243-10	MW5	Water	12/04/2015	12/07/2015

General Notes for York Project (SDG) No.: 15L0243

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: 12/14/2015

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: **Trip Blank 12/3/15** **York Sample ID:** **15L0243-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15L0243	American Cleaners Kingston Part 2 of 2	Water	December 3, 2015 3:00 pm	12/07/2015

Volatile Organics, 8260 List

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	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 06:36	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 06:36	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 06:36	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 06:36	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 06:36	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 06:36	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 06:36	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 06:36	SS NELAC-NY10854,NJDEP,PADEP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 06:36	SS NELAC-NY10854,NJDEP,PADEP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 06:36	SS NELAC-NY10854,NJDEP,PADEP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 06:36	SS NELAC-NY10854,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 06:36	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 06:36	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 06:36	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 06:36	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 06:36	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 06:36	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 06:36	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 06:36	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 06:36	SS NELAC-NY10854,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 06:36	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 06:36	SS NELAC-NY10854,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 06:36	SS CTDOH,NELAC-NY10854,NJDEP,PADEP

Sample Information

Client Sample ID: **Trip Blank 12/3/15** **York Sample ID:** **15L0243-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15L0243	American Cleaners Kingston Part 2 of 2	Water	December 3, 2015 3:00 pm	12/07/2015

Volatile Organics, 8260 List

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
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 06:36	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 06:36	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
67-64-1	Acetone	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 06:36	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 06:36	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 06:36	SS NELAC-NY10854,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 06:36	SS NELAC-NY10854,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 06:36	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 06:36	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 06:36	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 06:36	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 06:36	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 06:36	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 06:36	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 06:36	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 06:36	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 06:36	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 06:36	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 06:36	SS NELAC-NY10854,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 06:36	SS NELAC-NY10854,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 06:36	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 06:36	SS NELAC-NY10854,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 06:36	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 06:36	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-09-2	Methylene chloride	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 06:36	SS CTDOH,NELAC-NY10854,NJDEP,PADEP

Sample Information

Client Sample ID: **Trip Blank 12/3/15** **York Sample ID:** **15L0243-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15L0243	American Cleaners Kingston Part 2 of 2	Water	December 3, 2015 3:00 pm	12/07/2015

Volatile Organics, 8260 List

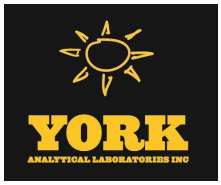
Log-in Notes:

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
91-20-3	Naphthalene	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	12/11/2015 16:10 NELAC-NY10854,NJDEP,PADEP	12/12/2015 06:36	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 06:36	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 06:36	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,PADEP	12/12/2015 06:36	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,PADEP	12/12/2015 06:36	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 06:36	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 06:36	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 06:36	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 06:36	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 06:36	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 06:36	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 06:36	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 06:36	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 06:36	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 06:36	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 NELAC-NY10854,NJDEP	12/12/2015 06:36	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 06:36	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP	12/12/2015 06:36	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*92.8 %*	*65-135*
2037-26-5	*Surrogate: Toluene-d8*	*98.8 %*	*86-118*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*98.9 %*	*81-114*



Sample Information

Client Sample ID: **MW3** **York Sample ID:** **15L0243-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15L0243	American Cleaners Kingston Part 2 of 2	Water	December 3, 2015 11:35 am	12/07/2015

Volatile Organics, 8260 List

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	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:06	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:06	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:06	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:06	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:06	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:06	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:06	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:06	SS NELAC-NY10854,NJDEP,PADEP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:06	SS NELAC-NY10854,NJDEP,PADEP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:06	SS NELAC-NY10854,NJDEP,PADEP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:06	SS NELAC-NY10854,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:06	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:06	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:06	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:06	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:06	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:06	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:06	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:06	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:06	SS NELAC-NY10854,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:06	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:06	SS NELAC-NY10854,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:06	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:06	SS CTDOH,NELAC-NY10854,NJDEP,PADEP

Sample Information

Client Sample ID: MW3 **York Sample ID:** 15L0243-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15L0243	American Cleaners Kingston Part 2 of 2	Water	December 3, 2015 11:35 am	12/07/2015

Volatile Organics, 8260 List

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
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:06	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
67-64-1	Acetone	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:06	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:06	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:06	SS NELAC-NY10854,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:06	SS NELAC-NY10854,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:06	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:06	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:06	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:06	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:06	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:06	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:06	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:06	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:06	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:06	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:06	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:06	SS NELAC-NY10854,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:06	SS NELAC-NY10854,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:06	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:06	SS NELAC-NY10854,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:06	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:06	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-09-2	Methylene chloride	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:06	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
91-20-3	Naphthalene	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:06	SS NELAC-NY10854,NJDEP,PADEP

Sample Information

Client Sample ID: MW3 **York Sample ID:** 15L0243-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15L0243	American Cleaners Kingston Part 2 of 2	Water	December 3, 2015 11:35 am	12/07/2015

Volatile Organics, 8260 List

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	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 07:06	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 07:06	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,PADEP	12/12/2015 07:06	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,PADEP	12/12/2015 07:06	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 07:06	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 07:06	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 07:06	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 07:06	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 07:06	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 07:06	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 07:06	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 07:06	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 07:06	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 07:06	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 NELAC-NY10854,NJDEP	12/12/2015 07:06	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 07:06	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP	12/12/2015 07:06	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*91.8 %*	*65-135*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*	*86-118*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*102 %*	*81-114*

Sample Information

Client Sample ID: MW3 Duplicate **York Sample ID:** 15L0243-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15L0243	American Cleaners Kingston Part 2 of 2	Water	December 3, 2015 11:45 am	12/07/2015

Sample Information

Client Sample ID: **MW3 Duplicate** **York Sample ID:** **15L0243-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15L0243	American Cleaners Kingston Part 2 of 2	Water	December 3, 2015 11:45 am	12/07/2015

Volatile Organics, 8260 List

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	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:37	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:37	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:37	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:37	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:37	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:37	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:37	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:37	SS NELAC-NY10854,NJDEP,PADEP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:37	SS NELAC-NY10854,NJDEP,PADEP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:37	SS NELAC-NY10854,NJDEP,PADEP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:37	SS NELAC-NY10854,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:37	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:37	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:37	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:37	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:37	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:37	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:37	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:37	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:37	SS NELAC-NY10854,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:37	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:37	SS NELAC-NY10854,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:37	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:37	SS CTDOH,NELAC-NY10854,NJDEP,PADEP

Sample Information

Client Sample ID: **MW3 Duplicate** **York Sample ID:** **15L0243-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15L0243	American Cleaners Kingston Part 2 of 2	Water	December 3, 2015 11:45 am	12/07/2015

Volatile Organics, 8260 List

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
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:37	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
67-64-1	Acetone	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:37	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:37	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:37	SS NELAC-NY10854,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:37	SS NELAC-NY10854,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:37	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:37	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:37	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:37	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:37	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:37	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:37	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:37	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:37	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:37	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:37	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:37	SS NELAC-NY10854,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:37	SS NELAC-NY10854,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:37	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:37	SS NELAC-NY10854,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:37	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:37	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-09-2	Methylene chloride	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:37	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
91-20-3	Naphthalene	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 07:37	SS NELAC-NY10854,NJDEP,PADEP

Sample Information

Client Sample ID: **MW3 Duplicate** **York Sample ID:** **15L0243-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15L0243	American Cleaners Kingston Part 2 of 2	Water	December 3, 2015 11:45 am	12/07/2015

Volatile Organics, 8260 List

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	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 07:37	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 07:37	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,PADEP	12/12/2015 07:37	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,PADEP	12/12/2015 07:37	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 07:37	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 07:37	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 07:37	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 07:37	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 07:37	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 07:37	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 07:37	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 07:37	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 07:37	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 07:37	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 NELAC-NY10854,NJDEP	12/12/2015 07:37	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 07:37	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP	12/12/2015 07:37	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*90.7 %*	*65-135*
2037-26-5	*Surrogate: Toluene-d8*	*103 %*	*86-118*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*102 %*	*81-114*

Sample Information

Client Sample ID: **MW6** **York Sample ID:** **15L0243-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15L0243	American Cleaners Kingston Part 2 of 2	Water	December 3, 2015 1:15 pm	12/07/2015

Sample Information

Client Sample ID: MW6 **York Sample ID:** 15L0243-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15L0243	American Cleaners Kingston Part 2 of 2	Water	December 3, 2015 1:15 pm	12/07/2015

Volatile Organics, 8260 List

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	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 08:07	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 08:07	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 08:07	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 08:07	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 08:07	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 08:07	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 08:07	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 08:07	SS NELAC-NY10854,NJDEP,PADEP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 08:07	SS NELAC-NY10854,NJDEP,PADEP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 08:07	SS NELAC-NY10854,NJDEP,PADEP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 08:07	SS NELAC-NY10854,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 08:07	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 08:07	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 08:07	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 08:07	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 08:07	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 08:07	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 08:07	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 08:07	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 08:07	SS NELAC-NY10854,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 08:07	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 08:07	SS NELAC-NY10854,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 08:07	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 08:07	SS CTDOH,NELAC-NY10854,NJDEP,PADEP

Sample Information

Client Sample ID: MW6 **York Sample ID:** 15L0243-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15L0243	American Cleaners Kingston Part 2 of 2	Water	December 3, 2015 1:15 pm	12/07/2015

Volatile Organics, 8260 List

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
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 08:07	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
67-64-1	Acetone	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 08:07	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 08:07	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 08:07	SS NELAC-NY10854,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 08:07	SS NELAC-NY10854,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 08:07	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 08:07	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 08:07	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 08:07	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 08:07	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 08:07	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 08:07	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 08:07	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 08:07	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 08:07	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 08:07	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 08:07	SS NELAC-NY10854,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 08:07	SS NELAC-NY10854,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 08:07	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 08:07	SS NELAC-NY10854,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 08:07	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 08:07	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-09-2	Methylene chloride	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 08:07	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
91-20-3	Naphthalene	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 08:07	SS NELAC-NY10854,NJDEP,PADEP

Sample Information

Client Sample ID: MW6 **York Sample ID:** 15L0243-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15L0243	American Cleaners Kingston Part 2 of 2	Water	December 3, 2015 1:15 pm	12/07/2015

Volatile Organics, 8260 List

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	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 08:07 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 08:07 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 08:07 CTDOH,NELAC-NY10854,PADEP	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 08:07 CTDOH,NELAC-NY10854,PADEP	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 08:07 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 08:07 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 08:07 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 08:07 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
127-18-4	**Tetrachloroethylene**	**69**		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 08:07 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 08:07 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 08:07 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 08:07 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 08:07 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 08:07 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 08:07 NELAC-NY10854,NJDEP	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 08:07 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 08:07 CTDOH,NELAC-NY10854,NJDEP	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*92.6 %*	*65-135*
2037-26-5	*Surrogate: Toluene-d8*	*98.9 %*	*86-118*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*101 %*	*81-114*

Sample Information

Client Sample ID: MW4 (deep well) **York Sample ID:** 15L0243-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15L0243	American Cleaners Kingston Part 2 of 2	Water	December 3, 2015 2:20 pm	12/07/2015

Volatile Organics, 8260 List

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	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 10:09	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 10:09	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 10:09	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 10:09	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 10:09	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 10:09	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 10:09	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 NELAC-NY10854,NJDEP,PADEP	12/12/2015 10:09	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 NELAC-NY10854,NJDEP,PADEP	12/12/2015 10:09	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 NELAC-NY10854,NJDEP,PADEP	12/12/2015 10:09	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 NELAC-NY10854,NJDEP,PADEP	12/12/2015 10:09	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 10:09	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 10:09	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 10:09	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 10:09	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 10:09	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 10:09	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 10:09	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 10:09	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 NELAC-NY10854,NJDEP,PADEP	12/12/2015 10:09	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 10:09	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 NELAC-NY10854,NJDEP,PADEP	12/12/2015 10:09	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 10:09	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 10:09	SS

Sample Information

Client Sample ID: MW4 (deep well) **York Sample ID:** 15L0243-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15L0243	American Cleaners Kingston Part 2 of 2	Water	December 3, 2015 2:20 pm	12/07/2015

Volatile Organics, 8260 List

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
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 10:09	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
67-64-1	Acetone	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 10:09	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 10:09	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 10:09	SS NELAC-NY10854,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 10:09	SS NELAC-NY10854,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 10:09	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 10:09	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 10:09	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 10:09	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 10:09	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 10:09	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 10:09	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 10:09	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 10:09	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 10:09	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 10:09	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 10:09	SS NELAC-NY10854,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 10:09	SS NELAC-NY10854,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 10:09	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 10:09	SS NELAC-NY10854,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 10:09	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 10:09	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-09-2	Methylene chloride	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 10:09	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
91-20-3	Naphthalene	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 10:09	SS NELAC-NY10854,NJDEP,PADEP

Sample Information

Client Sample ID: MW4 (deep well) **York Sample ID:** 15L0243-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15L0243	American Cleaners Kingston Part 2 of 2	Water	December 3, 2015 2:20 pm	12/07/2015

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

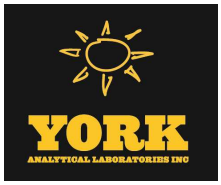
CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 10:09	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 10:09	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,PADEP	12/12/2015 10:09	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,PADEP	12/12/2015 10:09	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 10:09	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 10:09	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 10:09	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 10:09	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 10:09	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 10:09	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 10:09	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 10:09	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 10:09	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 10:09	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 NELAC-NY10854,NJDEP	12/12/2015 10:09	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 10:09	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP	12/12/2015 10:09	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*94.4 %*	*65-135*
2037-26-5	*Surrogate: Toluene-d8*	*100 %*	*86-118*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*104 %*	*81-114*

Sample Information

Client Sample ID: MW8 (RCAL) **York Sample ID:** 15L0243-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15L0243	American Cleaners Kingston Part 2 of 2	Water	December 3, 2015 3:55 pm	12/07/2015



Sample Information

Client Sample ID: MW8 (RCAL) **York Sample ID:** 15L0243-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15L0243	American Cleaners Kingston Part 2 of 2	Water	December 3, 2015 3:55 pm	12/07/2015

Volatile Organics, 8260 List

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	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 10:40	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 10:40	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 10:40	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 10:40	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 10:40	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 10:40	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 10:40	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 10:40	SS NELAC-NY10854,NJDEP,PADEP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 10:40	SS NELAC-NY10854,NJDEP,PADEP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 10:40	SS NELAC-NY10854,NJDEP,PADEP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 10:40	SS NELAC-NY10854,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 10:40	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 10:40	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 10:40	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 10:40	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 10:40	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 10:40	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 10:40	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 10:40	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 10:40	SS NELAC-NY10854,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 10:40	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 10:40	SS NELAC-NY10854,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 10:40	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 10:40	SS CTDOH,NELAC-NY10854,NJDEP,PADEP

Sample Information

Client Sample ID: MW8 (RCAL) **York Sample ID:** 15L0243-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15L0243	American Cleaners Kingston Part 2 of 2	Water	December 3, 2015 3:55 pm	12/07/2015

Volatile Organics, 8260 List

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
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 10:40	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
67-64-1	Acetone	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 10:40	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 10:40	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 10:40	SS NELAC-NY10854,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 10:40	SS NELAC-NY10854,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 10:40	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 10:40	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 10:40	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 10:40	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 10:40	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 10:40	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 10:40	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 10:40	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 10:40	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 10:40	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 10:40	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 10:40	SS NELAC-NY10854,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 10:40	SS NELAC-NY10854,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 10:40	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 10:40	SS NELAC-NY10854,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 10:40	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 10:40	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-09-2	Methylene chloride	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 10:40	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
91-20-3	Naphthalene	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 10:40	SS NELAC-NY10854,NJDEP,PADEP

Sample Information

Client Sample ID: MW8 (RCAL) **York Sample ID:** 15L0243-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15L0243	American Cleaners Kingston Part 2 of 2	Water	December 3, 2015 3:55 pm	12/07/2015

Volatile Organics, 8260 List

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	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 10:40	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 10:40	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,PADEP	12/12/2015 10:40	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,PADEP	12/12/2015 10:40	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 10:40	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 10:40	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 10:40	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 10:40	SS
127-18-4	**Tetrachloroethylene**	**86**		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 10:40	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 10:40	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 10:40	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 10:40	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 10:40	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 10:40	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 NELAC-NY10854,NJDEP	12/12/2015 10:40	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 10:40	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP	12/12/2015 10:40	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*92.2 %*	*65-135*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*	*86-118*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*101 %*	*81-114*

Sample Information

Client Sample ID: Trip Blank 12/4/15 **York Sample ID:** 15L0243-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15L0243	American Cleaners Kingston Part 2 of 2	Water	December 4, 2015 3:00 pm	12/07/2015

Volatile Organics, 8260 List

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	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 11:10	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 11:10	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 11:10	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 11:10	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 11:10	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 11:10	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 11:10	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 NELAC-NY10854,NJDEP,PADEP	12/12/2015 11:10	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 NELAC-NY10854,NJDEP,PADEP	12/12/2015 11:10	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 NELAC-NY10854,NJDEP,PADEP	12/12/2015 11:10	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 NELAC-NY10854,NJDEP,PADEP	12/12/2015 11:10	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 11:10	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 11:10	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 11:10	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 11:10	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 11:10	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 11:10	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 11:10	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 11:10	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 NELAC-NY10854,NJDEP,PADEP	12/12/2015 11:10	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 11:10	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 NELAC-NY10854,NJDEP,PADEP	12/12/2015 11:10	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 11:10	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 11:10	SS

Sample Information

Client Sample ID: Trip Blank 12/4/15 **York Sample ID:** 15L0243-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15L0243	American Cleaners Kingston Part 2 of 2	Water	December 4, 2015 3:00 pm	12/07/2015

Volatile Organics, 8260 List

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
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 11:10	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
67-64-1	Acetone	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 11:10	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 11:10	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 11:10	SS NELAC-NY10854,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 11:10	SS NELAC-NY10854,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 11:10	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 11:10	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 11:10	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 11:10	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 11:10	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 11:10	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 11:10	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 11:10	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 11:10	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 11:10	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 11:10	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 11:10	SS NELAC-NY10854,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 11:10	SS NELAC-NY10854,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 11:10	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 11:10	SS NELAC-NY10854,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 11:10	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 11:10	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-09-2	Methylene chloride	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 11:10	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
91-20-3	Naphthalene	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 11:10	SS NELAC-NY10854,NJDEP,PADEP

Sample Information

Client Sample ID: **Trip Blank 12/4/15** **York Sample ID:** **15L0243-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15L0243	American Cleaners Kingston Part 2 of 2	Water	December 4, 2015 3:00 pm	12/07/2015

Volatile Organics, 8260 List

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	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 11:10	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 11:10	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,PADEP	12/12/2015 11:10	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,PADEP	12/12/2015 11:10	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 11:10	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 11:10	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 11:10	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 11:10	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 11:10	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 11:10	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 11:10	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 11:10	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 11:10	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 11:10	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 NELAC-NY10854,NJDEP	12/12/2015 11:10	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 11:10	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP	12/12/2015 11:10	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*92.8 %*	*65-135*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*86-118*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*104 %*	*81-114*

Sample Information

Client Sample ID: **MW1** **York Sample ID:** **15L0243-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15L0243	American Cleaners Kingston Part 2 of 2	Water	December 4, 2015 11:35 am	12/07/2015

Sample Information

Client Sample ID: MW1 **York Sample ID:** 15L0243-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15L0243	American Cleaners Kingston Part 2 of 2	Water	December 4, 2015 11:35 am	12/07/2015

Volatile Organics, 8260 List

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	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 11:41	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 11:41	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 11:41	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 11:41	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 11:41	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 11:41	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 11:41	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 NELAC-NY10854,NJDEP,PADEP	12/12/2015 11:41	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 NELAC-NY10854,NJDEP,PADEP	12/12/2015 11:41	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 NELAC-NY10854,NJDEP,PADEP	12/12/2015 11:41	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 NELAC-NY10854,NJDEP,PADEP	12/12/2015 11:41	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 11:41	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 11:41	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 11:41	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 11:41	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 11:41	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 11:41	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 11:41	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 11:41	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 NELAC-NY10854,NJDEP,PADEP	12/12/2015 11:41	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 11:41	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 NELAC-NY10854,NJDEP,PADEP	12/12/2015 11:41	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 11:41	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 11:41	SS

Sample Information

Client Sample ID: MW1 **York Sample ID:** 15L0243-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15L0243	American Cleaners Kingston Part 2 of 2	Water	December 4, 2015 11:35 am	12/07/2015

Volatile Organics, 8260 List

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
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 11:41	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
67-64-1	Acetone	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 11:41	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 11:41	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 11:41	SS NELAC-NY10854,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 11:41	SS NELAC-NY10854,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 11:41	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 11:41	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 11:41	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 11:41	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 11:41	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 11:41	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 11:41	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 11:41	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 11:41	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 11:41	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 11:41	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 11:41	SS NELAC-NY10854,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 11:41	SS NELAC-NY10854,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 11:41	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 11:41	SS NELAC-NY10854,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 11:41	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 11:41	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-09-2	Methylene chloride	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 11:41	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
91-20-3	Naphthalene	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 11:41	SS NELAC-NY10854,NJDEP,PADEP

Sample Information

Client Sample ID: MW1 **York Sample ID:** 15L0243-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15L0243	American Cleaners Kingston Part 2 of 2	Water	December 4, 2015 11:35 am	12/07/2015

Volatile Organics, 8260 List

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	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 11:41	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 11:41	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 11:41	SS CTDOH,NELAC-NY10854,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 11:41	SS CTDOH,NELAC-NY10854,PADEP
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 11:41	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 11:41	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 11:41	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 11:41	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
127-18-4	**Tetrachloroethylene**	**3.8**	J	ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 11:41	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 11:41	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 11:41	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 11:41	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 11:41	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 11:41	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 11:41	SS NELAC-NY10854,NJDEP
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 11:41	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 11:41	SS CTDOH,NELAC-NY10854,NJDEP

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*98.0 %*	*65-135*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*86-118*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*102 %*	*81-114*

Sample Information

Client Sample ID: MW2 **York Sample ID:** 15L0243-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15L0243	American Cleaners Kingston Part 2 of 2	Water	December 4, 2015 12:50 pm	12/07/2015

Volatile Organics, 8260 List

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	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 12:11	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 12:11	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 12:11	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 12:11	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 12:11	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 12:11	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 12:11	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 NELAC-NY10854,NJDEP,PADEP	12/12/2015 12:11	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 NELAC-NY10854,NJDEP,PADEP	12/12/2015 12:11	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 NELAC-NY10854,NJDEP,PADEP	12/12/2015 12:11	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 NELAC-NY10854,NJDEP,PADEP	12/12/2015 12:11	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 12:11	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 12:11	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 12:11	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 12:11	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 12:11	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 12:11	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 12:11	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 12:11	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 NELAC-NY10854,NJDEP,PADEP	12/12/2015 12:11	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 12:11	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 NELAC-NY10854,NJDEP,PADEP	12/12/2015 12:11	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 12:11	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 12:11	SS

Sample Information

Client Sample ID: MW2 **York Sample ID:** 15L0243-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15L0243	American Cleaners Kingston Part 2 of 2	Water	December 4, 2015 12:50 pm	12/07/2015

Volatile Organics, 8260 List

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
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 12:11	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
67-64-1	Acetone	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 12:11	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 12:11	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 12:11	SS NELAC-NY10854,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 12:11	SS NELAC-NY10854,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 12:11	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 12:11	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 12:11	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 12:11	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 12:11	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 12:11	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 12:11	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 12:11	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
156-59-2	**cis-1,2-Dichloroethylene**	**11**		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 12:11	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 12:11	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 12:11	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 12:11	SS NELAC-NY10854,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 12:11	SS NELAC-NY10854,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 12:11	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 12:11	SS NELAC-NY10854,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 12:11	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 12:11	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-09-2	Methylene chloride	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 12:11	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
91-20-3	Naphthalene	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 12:11	SS NELAC-NY10854,NJDEP,PADEP

Sample Information

Client Sample ID: MW2 **York Sample ID:** 15L0243-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15L0243	American Cleaners Kingston Part 2 of 2	Water	December 4, 2015 12:50 pm	12/07/2015

Volatile Organics, 8260 List

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	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 12:11	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 12:11	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,PADEP	12/12/2015 12:11	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,PADEP	12/12/2015 12:11	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 12:11	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 12:11	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 12:11	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 12:11	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 12:11	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 12:11	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 12:11	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 12:11	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 12:11	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 12:11	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 NELAC-NY10854,NJDEP	12/12/2015 12:11	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/12/2015 12:11	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C Certifications:	12/11/2015 16:10 CTDOH,NELAC-NY10854,NJDEP	12/12/2015 12:11	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*91.6 %*	*65-135*
2037-26-5	*Surrogate: Toluene-d8*	*97.5 %*	*86-118*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*98.9 %*	*81-114*

Sample Information

Client Sample ID: MW5 **York Sample ID:** 15L0243-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15L0243	American Cleaners Kingston Part 2 of 2	Water	December 4, 2015 1:50 pm	12/07/2015

Sample Information

Client Sample ID: MW5 **York Sample ID:** 15L0243-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15L0243	American Cleaners Kingston Part 2 of 2	Water	December 4, 2015 1:50 pm	12/07/2015

Volatile Organics, 8260 List

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	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 13:01	SS
								CTDOH,NELAC-NY10854,NJDEP,PADEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 13:01	SS
								CTDOH,NELAC-NY10854,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 13:01	SS
								CTDOH,NELAC-NY10854,NJDEP,PADEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 13:01	SS
								CTDOH,NELAC-NY10854,NJDEP,PADEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 13:01	SS
								CTDOH,NELAC-NY10854,NJDEP,PADEP			
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 13:01	SS
								CTDOH,NELAC-NY10854,NJDEP,PADEP			
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 13:01	SS
								CTDOH,NELAC-NY10854,NJDEP,PADEP			
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 13:01	SS
								NELAC-NY10854,NJDEP,PADEP			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 13:01	SS
								NELAC-NY10854,NJDEP,PADEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 13:01	SS
								NELAC-NY10854,NJDEP,PADEP			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 13:01	SS
								NELAC-NY10854,NJDEP,PADEP			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 13:01	SS
								CTDOH,NELAC-NY10854,NJDEP,PADEP			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 13:01	SS
								CTDOH,NELAC-NY10854,NJDEP,PADEP			
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 13:01	SS
								CTDOH,NELAC-NY10854,NJDEP,PADEP			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 13:01	SS
								CTDOH,NELAC-NY10854,NJDEP,PADEP			
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 13:01	SS
								CTDOH,NELAC-NY10854,NJDEP,PADEP			
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 13:01	SS
								CTDOH,NELAC-NY10854,NJDEP,PADEP			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 13:01	SS
								CTDOH,NELAC-NY10854,NJDEP,PADEP			
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 13:01	SS
								CTDOH,NELAC-NY10854,NJDEP,PADEP			
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 13:01	SS
								NELAC-NY10854,NJDEP,PADEP			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 13:01	SS
								CTDOH,NELAC-NY10854,NJDEP,PADEP			
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 13:01	SS
								NELAC-NY10854,NJDEP,PADEP			
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 13:01	SS
								CTDOH,NELAC-NY10854,NJDEP,PADEP			
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 13:01	SS
								CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: MW5 **York Sample ID:** 15L0243-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15L0243	American Cleaners Kingston Part 2 of 2	Water	December 4, 2015 1:50 pm	12/07/2015

Volatile Organics, 8260 List

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
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 13:01	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
67-64-1	Acetone	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 13:01	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 13:01	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 13:01	SS NELAC-NY10854,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 13:01	SS NELAC-NY10854,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 13:01	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 13:01	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 13:01	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 13:01	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 13:01	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 13:01	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 13:01	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 13:01	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 13:01	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 13:01	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 13:01	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 13:01	SS NELAC-NY10854,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 13:01	SS NELAC-NY10854,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 13:01	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 13:01	SS NELAC-NY10854,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 13:01	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 13:01	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-09-2	Methylene chloride	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 13:01	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
91-20-3	Naphthalene	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 13:01	SS NELAC-NY10854,NJDEP,PADEP

Sample Information

Client Sample ID: **MW5** **York Sample ID:** **15L0243-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15L0243	American Cleaners Kingston Part 2 of 2	Water	December 4, 2015 1:50 pm	12/07/2015

Volatile Organics, 8260 List

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	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 13:01	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 13:01	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 13:01	SS CTDOH,NELAC-NY10854,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 13:01	SS CTDOH,NELAC-NY10854,PADEP
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 13:01	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 13:01	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 13:01	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 13:01	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
127-18-4	**Tetrachloroethylene**	**28**		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 13:01	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 13:01	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 13:01	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 13:01	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 13:01	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 13:01	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 13:01	SS NELAC-NY10854,NJDEP
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 13:01	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C Certifications:	12/11/2015 16:10	12/12/2015 13:01	SS CTDOH,NELAC-NY10854,NJDEP

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*96.3 %*	*65-135*
2037-26-5	*Surrogate: Toluene-d8*	*99.5 %*	*86-118*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*103 %*	*81-114*

Analytical Batch Summary

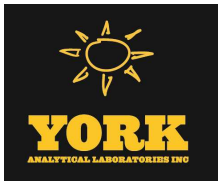
Batch ID: BL50700 **Preparation Method:** EPA 5030B **Prepared By:** OW

YORK Sample ID	Client Sample ID	Preparation Date
15L0243-01	Trip Blank 12/3/15	12/11/15
15L0243-02	MW3	12/11/15
15L0243-03	MW3 Duplicate	12/11/15
15L0243-04	MW6	12/11/15
15L0243-05	MW4 (deep well)	12/11/15
15L0243-06	MW8 (RCAL)	12/11/15
15L0243-07	Trip Blank 12/4/15	12/11/15
15L0243-08	MW1	12/11/15
15L0243-09	MW2	12/11/15
15L0243-10	MW5	12/11/15
BL50700-BLK1	Blank	12/11/15
BL50700-BS1	LCS	12/11/15
BL50700-BSD1	LCS Dup	12/11/15
BL50700-MS1	Matrix Spike	12/11/15
BL50700-MSD1	Matrix Spike Dup	12/11/15

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 BL50700 - EPA 5030B											
Blank (BL50700-BLK1)											
Prepared: 12/11/2015 Analyzed: 12/12/2015											
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	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	"								
o-Xylene	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 BL50700 - EPA 5030B											
Blank (BL50700-BLK1)									Prepared: 12/11/2015 Analyzed: 12/12/2015		
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 acetate	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: 1,2-Dichloroethane-d4	*9.43*		*"*	*10.0*		*94.3*	*65-135*				
Surrogate: Toluene-d8	*9.96*		*"*	*10.0*		*99.6*	*86-118*				
Surrogate: p-Bromofluorobenzene	*9.78*		*"*	*10.0*		*97.8*	*81-114*				
LCS (BL50700-BS1)									Prepared: 12/11/2015 Analyzed: 12/12/2015		
1,1,1,2-Tetrachloroethane	10.8		ug/L	10.0		108	70-132				
1,1,1-Trichloroethane	10.2		"	10.0		102	68-138				
1,1,2,2-Tetrachloroethane	11.9		"	10.0		119	73-132				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.73		"	10.0		97.3	67-136				
1,1,2-Trichloroethane	11.2		"	10.0		112	79-125				
1,1-Dichloroethane	11.0		"	10.0		110	78-128				
1,1-Dichloroethylene	9.95		"	10.0		99.5	68-134				
1,1-Dichloropropylene	10.3		"	10.0		103	74-130				
1,2,3-Trichlorobenzene	11.2		"	10.0		112	77-140				
1,2,3-Trichloropropane	10.9		"	10.0		109	79-127				
1,2,4-Trichlorobenzene	11.2		"	10.0		112	75-141				
1,2,4-Trimethylbenzene	11.0		"	10.0		110	78-127				
1,2-Dibromo-3-chloropropane	10.0		"	10.0		100	60-150				
1,2-Dibromoethane	10.9		"	10.0		109	86-123				
1,2-Dichlorobenzene	10.7		"	10.0		107	79-125				
1,2-Dichloroethane	9.90		"	10.0		99.0	69-133				
1,2-Dichloropropane	11.2		"	10.0		112	76-124				
1,3,5-Trimethylbenzene	11.3		"	10.0		113	78-128				
1,3-Dichlorobenzene	10.6		"	10.0		106	81-124				
1,3-Dichloropropane	11.2		"	10.0		112	79-125				
1,4-Dichlorobenzene	11.0		"	10.0		110	82-124				
2,2-Dichloropropane	7.39		"	10.0		73.9	61-139				
2-Butanone	11.8		"	10.0		118	44-169				
2-Chlorotoluene	10.7		"	10.0		107	74-130				
4-Chlorotoluene	10.8		"	10.0		108	75-127				
Acetone	10.6		"	10.0		106	29-163				
Benzene	11.5		"	10.0		115	72-134				
Bromobenzene	11.2		"	10.0		112	74-129				
Bromochloromethane	12.4		"	10.0		124	69-134				
Bromodichloromethane	10.7		"	10.0		107	76-127				
Bromoform	10.6		"	10.0		106	77-137				
Bromomethane	15.2		"	10.0		152	50-156				
Carbon tetrachloride	10.5		"	10.0		105	62-145				

Volatile Organic Compounds by GC/MS - Quality Control Data

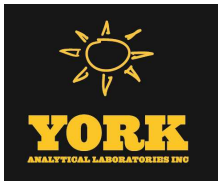
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL50700 - EPA 5030B											
LCS (BL50700-BS1)								Prepared: 12/11/2015 Analyzed: 12/12/2015			
Chlorobenzene	11.0		ug/L	10.0		110	85-119				
Chloroethane	9.49		"	10.0		94.9	49-143				
Chloroform	10.8		"	10.0		108	74-131				
Chloromethane	6.63		"	10.0		66.3	43-134				
cis-1,2-Dichloroethylene	10.6		"	10.0		106	73-134				
cis-1,3-Dichloropropylene	9.91		"	10.0		99.1	77-128				
Dibromochloromethane	10.8		"	10.0		108	79-130				
Dibromomethane	10.9		"	10.0		109	78-128				
Dichlorodifluoromethane	7.45		"	10.0		74.5	38-139				
Ethyl Benzene	10.8		"	10.0		108	80-129				
Hexachlorobutadiene	10.1		"	10.0		101	72-141				
Isopropylbenzene	11.0		"	10.0		110	76-128				
Methyl tert-butyl ether (MTBE)	11.2		"	10.0		112	64-142				
Methylene chloride	10.1		"	10.0		101	56-142				
Naphthalene	11.5		"	10.0		115	79-144				
n-Butylbenzene	10.8		"	10.0		108	74-132				
n-Propylbenzene	11.0		"	10.0		110	72-135				
o-Xylene	10.6		"	10.0		106	81-123				
p- & m- Xylenes	21.3		"	20.0		107	79-130				
p-Isopropyltoluene	10.7		"	10.0		107	80-127				
sec-Butylbenzene	10.6		"	10.0		106	78-127				
Styrene	12.0		"	10.0		120	82-124				
tert-Butylbenzene	10.8		"	10.0		108	75-131				
Tetrachloroethylene	9.02		"	10.0		90.2	78-133				
Toluene	10.8		"	10.0		108	83-122				
trans-1,2-Dichloroethylene	10.4		"	10.0		104	59-145				
trans-1,3-Dichloropropylene	9.39		"	10.0		93.9	74-131				
Trichloroethylene	10.0		"	10.0		100	81-125				
Trichlorofluoromethane	7.74		"	10.0		77.4	61-144				
Vinyl acetate	2.81		"	10.0		28.1	32-165	Low Bias			
Vinyl Chloride	9.14		"	10.0		91.4	42-136				
Surrogate: 1,2-Dichloroethane-d4	*9.22*		*"*	*10.0*		*92.2*	*65-135*				
Surrogate: Toluene-d8	*9.91*		*"*	*10.0*		*99.1*	*86-118*				
Surrogate: p-Bromofluorobenzene	*9.98*		*"*	*10.0*		*99.8*	*81-114*				

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 BL50700 - EPA 5030B											
LCS Dup (BL50700-BSD1)								Prepared: 12/11/2015 Analyzed: 12/12/2015			
1,1,1,2-Tetrachloroethane	10.4		ug/L	10.0		104	70-132		3.85	30	
1,1,1-Trichloroethane	9.65		"	10.0		96.5	68-138		5.44	30	
1,1,2,2-Tetrachloroethane	11.2		"	10.0		112	73-132		5.54	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.39		"	10.0		93.9	67-136		3.56	30	
1,1,2-Trichloroethane	10.8		"	10.0		108	79-125		3.71	30	
1,1-Dichloroethane	10.7		"	10.0		107	78-128		3.05	30	
1,1-Dichloroethylene	9.20		"	10.0		92.0	68-134		7.83	30	
1,1-Dichloropropylene	9.84		"	10.0		98.4	74-130		4.76	30	
1,2,3-Trichlorobenzene	10.8		"	10.0		108	77-140		3.92	30	
1,2,3-Trichloropropane	10.5		"	10.0		105	79-127		3.27	30	
1,2,4-Trichlorobenzene	10.5		"	10.0		105	75-141		5.72	30	
1,2,4-Trimethylbenzene	10.6		"	10.0		106	78-127		3.51	30	
1,2-Dibromo-3-chloropropane	8.64		"	10.0		86.4	60-150		15.1	30	
1,2-Dibromoethane	10.2		"	10.0		102	86-123		5.87	30	
1,2-Dichlorobenzene	10.5		"	10.0		105	79-125		1.51	30	
1,2-Dichloroethane	9.89		"	10.0		98.9	69-133		0.101	30	
1,2-Dichloropropane	10.6		"	10.0		106	76-124		5.49	30	
1,3,5-Trimethylbenzene	10.8		"	10.0		108	78-128		3.98	30	
1,3-Dichlorobenzene	10.4		"	10.0		104	81-124		1.90	30	
1,3-Dichloropropane	10.6		"	10.0		106	79-125		5.21	30	
1,4-Dichlorobenzene	10.2		"	10.0		102	82-124		7.37	30	
2,2-Dichloropropane	6.84		"	10.0		68.4	61-139		7.73	30	
2-Butanone	11.1		"	10.0		111	44-169		5.77	30	
2-Chlorotoluene	10.2		"	10.0		102	74-130		4.40	30	
4-Chlorotoluene	10.2		"	10.0		102	75-127		5.91	30	
Acetone	9.62		"	10.0		96.2	29-163		9.22	30	
Benzene	11.0		"	10.0		110	72-134		4.61	30	
Bromobenzene	10.8		"	10.0		108	74-129		3.65	30	
Bromochloromethane	11.8		"	10.0		118	69-134		4.54	30	
Bromodichloromethane	10.2		"	10.0		102	76-127		4.80	30	
Bromoform	10.1		"	10.0		101	77-137		4.26	30	
Bromomethane	16.8		"	10.0		168	50-156	High Bias	10.2	30	
Carbon tetrachloride	10.2		"	10.0		102	62-145		2.99	30	
Chlorobenzene	10.3		"	10.0		103	85-119		5.73	30	
Chloroethane	8.57		"	10.0		85.7	49-143		10.2	30	
Chloroform	10.3		"	10.0		103	74-131		4.36	30	
Chloromethane	6.47		"	10.0		64.7	43-134		2.44	30	
cis-1,2-Dichloroethylene	9.99		"	10.0		99.9	73-134		5.83	30	
cis-1,3-Dichloropropylene	9.39		"	10.0		93.9	77-128		5.39	30	
Dibromochloromethane	10.4		"	10.0		104	79-130		3.02	30	
Dibromomethane	10.8		"	10.0		108	78-128		0.735	30	
Dichlorodifluoromethane	7.35		"	10.0		73.5	38-139		1.35	30	
Ethyl Benzene	10.4		"	10.0		104	80-129		3.86	30	
Hexachlorobutadiene	9.54		"	10.0		95.4	72-141		6.10	30	
Isopropylbenzene	10.6		"	10.0		106	76-128		4.16	30	
Methyl tert-butyl ether (MTBE)	10.6		"	10.0		106	64-142		5.05	30	
Methylene chloride	9.66		"	10.0		96.6	56-142		4.26	30	
Naphthalene	11.1		"	10.0		111	79-144		3.81	30	
n-Butylbenzene	10.3		"	10.0		103	74-132		4.08	30	
n-Propylbenzene	10.6		"	10.0		106	72-135		4.26	30	
o-Xylene	10.1		"	10.0		101	81-123		4.54	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

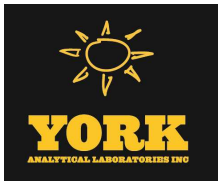
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL50700 - EPA 5030B											
LCS Dup (BL50700-BSD1)								Prepared: 12/11/2015 Analyzed: 12/12/2015			
p- & m- Xylenes	20.5		ug/L	20.0		103	79-130		3.87	30	
p-Isopropyltoluene	10.4		"	10.0		104	80-127		3.02	30	
sec-Butylbenzene	10.2		"	10.0		102	78-127		4.03	30	
Styrene	11.4		"	10.0		114	82-124		5.90	30	
tert-Butylbenzene	10.3		"	10.0		103	75-131		4.93	30	
Tetrachloroethylene	8.46		"	10.0		84.6	78-133		6.41	30	
Toluene	10.3		"	10.0		103	83-122		4.85	30	
trans-1,2-Dichloroethylene	10.0		"	10.0		100	59-145		3.81	30	
trans-1,3-Dichloropropylene	8.92		"	10.0		89.2	74-131		5.13	30	
Trichloroethylene	9.59		"	10.0		95.9	81-125		4.39	30	
Trichlorofluoromethane	7.65		"	10.0		76.5	61-144		1.17	30	
Vinyl acetate	2.70		"	10.0		27.0	32-165	Low Bias	3.99	30	
Vinyl Chloride	8.96		"	10.0		89.6	42-136		1.99	30	
Surrogate: 1,2-Dichloroethane-d4	*9.30*		*"*	*10.0*		*93.0*	*65-135*				
Surrogate: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*86-118*				
Surrogate: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*81-114*				
Matrix Spike (BL50700-MS1)	*Source sample: 15L0243-04 (MW6)							Prepared: 12/11/2015 Analyzed: 12/12/2015			
1,1,1,2-Tetrachloroethane	9.80		ug/L	10.0	ND	98.0	52-142				
1,1,1-Trichloroethane	9.72		"	10.0	ND	97.2	52-147				
1,1,2,2-Tetrachloroethane	10.4		"	10.0	ND	104	65-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	7.95		"	10.0	ND	79.5	42-160				
1,1,2-Trichloroethane	9.68		"	10.0	ND	96.8	72-126				
1,1-Dichloroethane	10.2		"	10.0	ND	102	64-135				
1,1-Dichloroethylene	9.50		"	10.0	ND	95.0	47-150				
1,1-Dichloropropylene	9.36		"	10.0	ND	93.6	68-123				
1,2,3-Trichlorobenzene	8.44		"	10.0	ND	84.4	53-148				
1,2,3-Trichloropropane	9.99		"	10.0	ND	99.9	68-129				
1,2,4-Trichlorobenzene	8.19		"	10.0	ND	81.9	51-148				
1,2,4-Trimethylbenzene	9.49		"	10.0	ND	94.9	62-130				
1,2-Dibromo-3-chloropropane	8.64		"	10.0	ND	86.4	48-155				
1,2-Dibromoethane	9.44		"	10.0	ND	94.4	76-124				
1,2-Dichlorobenzene	9.39		"	10.0	ND	93.9	70-125				
1,2-Dichloroethane	8.84		"	10.0	ND	88.4	57-139				
1,2-Dichloropropane	9.86		"	10.0	ND	98.6	65-128				
1,3,5-Trimethylbenzene	9.68		"	10.0	ND	96.8	53-138				
1,3-Dichlorobenzene	8.98		"	10.0	ND	89.8	71-122				
1,3-Dichloropropane	9.90		"	10.0	ND	99.0	66-128				
1,4-Dichlorobenzene	9.01		"	10.0	ND	90.1	69-125				
2,2-Dichloropropane	6.13		"	10.0	ND	61.3	42-138				
2-Butanone	6.18		"	10.0	ND	61.8	42-153				
2-Chlorotoluene	9.37		"	10.0	ND	93.7	63-131				
4-Chlorotoluene	9.19		"	10.0	ND	91.9	63-130				
Acetone	6.95		"	10.0	ND	69.5	15-135				
Benzene	10.3		"	10.0	ND	103	55-139				
Bromobenzene	9.91		"	10.0	ND	99.1	63-130				
Bromochloromethane	10.9		"	10.0	ND	109	59-133				
Bromodichloromethane	9.44		"	10.0	ND	94.4	66-131				
Bromoform	9.41		"	10.0	ND	94.1	68-136				
Bromomethane	9.15		"	10.0	ND	91.5	23-151				
Carbon tetrachloride	10.1		"	10.0	ND	101	51-147				
Chlorobenzene	9.66		"	10.0	ND	96.6	75-120				

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 BL50700 - EPA 5030B											
Matrix Spike (BL50700-MS1)	*Source sample: 15L0243-04 (MW6)							Prepared: 12/11/2015 Analyzed: 12/12/2015			
Chloroethane	8.90		ug/L	10.0	ND	89.0	33-153				
Chloroform	9.91		"	10.0	ND	99.1	60-137				
Chloromethane	5.99		"	10.0	ND	59.9	20-140				
cis-1,2-Dichloroethylene	9.41		"	10.0	ND	94.1	59-136				
cis-1,3-Dichloropropylene	8.59		"	10.0	ND	85.9	66-128				
Dibromochloromethane	9.74		"	10.0	ND	97.4	68-134				
Dibromomethane	9.71		"	10.0	ND	97.1	71-128				
Dichlorodifluoromethane	5.54		"	10.0	ND	55.4	18-127				
Ethyl Benzene	9.68		"	10.0	ND	96.8	55-146				
Hexachlorobutadiene	7.34		"	10.0	ND	73.4	48-150				
Isopropylbenzene	9.93		"	10.0	ND	99.3	68-126				
Methyl tert-butyl ether (MTBE)	9.67		"	10.0	ND	96.7	54-148				
Methylene chloride	8.74		"	10.0	ND	87.4	34-154				
Naphthalene	9.30		"	10.0	ND	93.0	57-143				
n-Butylbenzene	8.19		"	10.0	ND	81.9	61-133				
n-Propylbenzene	9.30		"	10.0	ND	93.0	60-135				
o-Xylene	9.36		"	10.0	ND	93.6	67-129				
p- & m- Xylenes	18.7		"	20.0	ND	93.5	51-152				
p-Isopropyltoluene	8.69		"	10.0	ND	86.9	66-129				
sec-Butylbenzene	8.98		"	10.0	ND	89.8	66-127				
Styrene	10.2		"	10.0	ND	102	72-126				
tert-Butylbenzene	9.60		"	10.0	ND	96.0	65-132				
Tetrachloroethylene	63.3		"	10.0	69.0	NR	51-140	Low Bias			
Toluene	9.66		"	10.0	ND	96.6	53-142				
trans-1,2-Dichloroethylene	9.45		"	10.0	ND	94.5	49-151				
trans-1,3-Dichloropropylene	7.97		"	10.0	ND	79.7	63-129				
Trichloroethylene	8.90		"	10.0	ND	89.0	61-133				
Trichlorofluoromethane	7.28		"	10.0	ND	72.8	47-147				
Vinyl acetate	2.33		"	10.0	ND	23.3	16-146				
Vinyl Chloride	8.83		"	10.0	ND	88.3	25-140				
Surrogate: 1,2-Dichloroethane-d4	*9.27*		*"*	*10.0*		*92.7*	*65-135*				
Surrogate: Toluene-d8	*9.81*		*"*	*10.0*		*98.1*	*86-118*				
Surrogate: p-Bromofluorobenzene	*10.3*		*"*	*10.0*		*103*	*81-114*				



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 BL50700 - EPA 5030B											
Matrix Spike Dup (BL50700-MSD1)	*Source sample: 15L0243-04 (MW6)								Prepared: 12/11/2015 Analyzed: 12/12/2015		
1,1,1,2-Tetrachloroethane	10.7		ug/L	10.0	ND	107	52-142		9.06	30	
1,1,1-Trichloroethane	10.7		"	10.0	ND	107	52-147		9.41	30	
1,1,2,2-Tetrachloroethane	11.3		"	10.0	ND	113	65-131		7.93	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.79		"	10.0	ND	87.9	42-160		10.0	30	
1,1,2-Trichloroethane	10.6		"	10.0	ND	106	72-126		8.88	30	
1,1-Dichloroethane	11.1		"	10.0	ND	111	64-135		9.20	30	
1,1-Dichloroethylene	9.73		"	10.0	ND	97.3	47-150		2.39	30	
1,1-Dichloropropylene	9.92		"	10.0	ND	99.2	68-123		5.81	30	
1,2,3-Trichlorobenzene	9.48		"	10.0	ND	94.8	53-148		11.6	30	
1,2,3-Trichloropropane	11.0		"	10.0	ND	110	68-129		9.62	30	
1,2,4-Trichlorobenzene	8.99		"	10.0	ND	89.9	51-148		9.31	30	
1,2,4-Trimethylbenzene	10.4		"	10.0	ND	104	62-130		9.05	30	
1,2-Dibromo-3-chloropropane	9.13		"	10.0	ND	91.3	48-155		5.51	30	
1,2-Dibromoethane	10.3		"	10.0	ND	103	76-124		8.62	30	
1,2-Dichlorobenzene	10.1		"	10.0	ND	101	70-125		6.99	30	
1,2-Dichloroethane	9.58		"	10.0	ND	95.8	57-139		8.03	30	
1,2-Dichloropropane	10.8		"	10.0	ND	108	65-128		8.64	30	
1,3,5-Trimethylbenzene	10.4		"	10.0	ND	104	53-138		6.88	30	
1,3-Dichlorobenzene	9.72		"	10.0	ND	97.2	71-122		7.91	30	
1,3-Dichloropropane	10.7		"	10.0	ND	107	66-128		8.14	30	
1,4-Dichlorobenzene	9.72		"	10.0	ND	97.2	69-125		7.58	30	
2,2-Dichloropropane	6.40		"	10.0	ND	64.0	42-138		4.31	30	
2-Butanone	6.14		"	10.0	ND	61.4	42-153		0.649	30	
2-Chlorotoluene	10.3		"	10.0	ND	103	63-131		9.55	30	
4-Chlorotoluene	10.0		"	10.0	ND	100	63-130		8.54	30	
Acetone	8.63		"	10.0	ND	86.3	15-135		21.6	30	
Benzene	11.4		"	10.0	ND	114	55-139		10.1	30	
Bromobenzene	10.7		"	10.0	ND	107	63-130		8.04	30	
Bromochloromethane	11.8		"	10.0	ND	118	59-133		7.84	30	
Bromodichloromethane	10.3		"	10.0	ND	103	66-131		8.32	30	
Bromoform	10.2		"	10.0	ND	102	68-136		8.25	30	
Bromomethane	12.0		"	10.0	ND	120	23-151		27.0	30	
Carbon tetrachloride	10.9		"	10.0	ND	109	51-147		8.08	30	
Chlorobenzene	10.3		"	10.0	ND	103	75-120		6.70	30	
Chloroethane	10.2		"	10.0	ND	102	33-153		13.9	30	
Chloroform	10.8		"	10.0	ND	108	60-137		8.41	30	
Chloromethane	6.95		"	10.0	ND	69.5	20-140		14.8	30	
cis-1,2-Dichloroethylene	10.2		"	10.0	ND	102	59-136		7.96	30	
cis-1,3-Dichloropropylene	9.29		"	10.0	ND	92.9	66-128		7.83	30	
Dibromochloromethane	10.8		"	10.0	ND	108	68-134		10.0	30	
Dibromomethane	10.5		"	10.0	ND	105	71-128		7.44	30	
Dichlorodifluoromethane	6.37		"	10.0	ND	63.7	18-127		13.9	30	
Ethyl Benzene	10.5		"	10.0	ND	105	55-146		7.75	30	
Hexachlorobutadiene	8.09		"	10.0	ND	80.9	48-150		9.72	30	
Isopropylbenzene	10.8		"	10.0	ND	108	68-126		8.21	30	
Methyl tert-butyl ether (MTBE)	10.4		"	10.0	ND	104	54-148		7.75	30	
Methylene chloride	9.64		"	10.0	ND	96.4	34-154		9.79	30	
Naphthalene	10.3		"	10.0	ND	103	57-143		10.4	30	
n-Butylbenzene	9.01		"	10.0	ND	90.1	61-133		9.53	30	
n-Propylbenzene	10.2		"	10.0	ND	102	60-135		9.03	30	
o-Xylene	10.2		"	10.0	ND	102	67-129		8.69	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 BL50700 - EPA 5030B											
Matrix Spike Dup (BL50700-MSD1)	*Source sample: 15L0243-04 (MW6)								Prepared: 12/11/2015 Analyzed: 12/12/2015		
p- & m- Xylenes	20.3		ug/L	20.0	ND	102	51-152		8.25	30	
p-Isopropyltoluene	9.50		"	10.0	ND	95.0	66-129		8.91	30	
sec-Butylbenzene	9.72		"	10.0	ND	97.2	66-127		7.91	30	
Styrene	11.1		"	10.0	ND	111	72-126		9.20	30	
tert-Butylbenzene	10.5		"	10.0	ND	105	65-132		9.15	30	
Tetrachloroethylene	70.2		"	10.0	69.0	11.2	51-140	Low Bias	10.3	30	
Toluene	10.6		"	10.0	ND	106	53-142		9.19	30	
trans-1,2-Dichloroethylene	10.3		"	10.0	ND	103	49-151		8.61	30	
trans-1,3-Dichloropropylene	8.83		"	10.0	ND	88.3	63-129		10.2	30	
Trichloroethylene	9.81		"	10.0	ND	98.1	61-133		9.73	30	
Trichlorofluoromethane	9.19		"	10.0	ND	91.9	47-147		23.2	30	
Vinyl acetate	2.55		"	10.0	ND	25.5	16-146			30	
Vinyl Chloride	9.59		"	10.0	ND	95.9	25-140		8.25	30	
Surrogate: 1,2-Dichloroethane-d4	*9.24*		*"*	*10.0*		*92.4*	*65-135*				
Surrogate: Toluene-d8	*9.76*		*"*	*10.0*		*97.6*	*86-118*				
Surrogate: p-Bromofluorobenzene	*10.4*		*"*	*10.0*		*104*	*81-114*				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
15L0243-01	Trip Blank 12/3/15	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15L0243-02	MW3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15L0243-03	MW3 Duplicate	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15L0243-04	MW6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15L0243-05	MW4 (deep well)	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15L0243-06	MW8 (RCAL)	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15L0243-07	Trip Blank 12/4/15	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15L0243-08	MW1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15L0243-09	MW2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15L0243-10	MW5	40mL Clear Vial (pre-pres.) HCl; 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.

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

Part 2 Page 1 of 2

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. 15L0243

YOUR Information
Company: Mid-Hudson Geosciences
1003 N.Y. ROUTE 44/55
P.O. BOX 332
CLINTONDALE, NY 12515-0332
Phone No. 845 883 5726
KATHERINE J. BEINKAFNER, PHD
E-Mail Address: rockdoctor@optonline.net

Report To:
Company:
Address:
Phone No.
Attention:
E-Mail Address:

Invoice To:
Company: American Cleaners
Address: 360 Rt 211 East
Middletown, NY 10940
Phone No. 845 343-0111 x102
Attention: Mr. Erez Halevah
E-Mail Address: ErezH19@gmail.com

YOUR Project ID
American Cleaners
Kingston
PART 2 of 2

Purchase Order No.

Samples from: CT ___ NY ✓ 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.

Katherine J Beinkafner
Samples Collected/Authorized By (Signature)

Katherine J. Beinkafner
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 12/3/15		Distilled Water	8260B Full + MTBE	3 40ml vials
MW3	12/3/15 11:35am	GW	8260B Full + MTBE	3 40ml vials
MW3 Duplicate	12/3/15 11:45am	GW	8260B Full + MTBE	3 40ml vials
MW6	12/3/15 1:05pm	GW	8260B Full + MTBE	3 40ml vials
MW6-MS	12/3/15 1:10pm	GW	8260B Full + MTBE	3 40ml vials
MW6-MSD	12/3/15 1:15pm	GW	8260B Full + MTBE	3 40ml vials
MW4 (deep well)	12/3/15 2:20pm	GW	8260B Full + MTBE	3 40ml vials
MW8 (RCAL)	12/3/15 3:55pm	GW	8260B Full + MTBE	3 40ml vials

Comments
chemical of concern: PCE
These 2 pages go with samples submitted 12/2/15

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

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Katherine J Beinkafner 12/7/15 8:00am
Samples Relinquished By — Date/Time

Samples Relinquished By — Date/Time

Craig 12-7-15 10:50
Samples Received By — Date/Time

TC Tahler 12/7/15 1516
Samples Received in LAB by — Date/Time

Temperature on Receipt 4.1 °C

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

Field Chain-of-Custody Record

Part 2 Page 2 of 2

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York Project No. 15L0243

YOUR Information

Company: Mid-Hudson Geosciences
1003 N.Y. ROUTE 44/55
P.O. BOX 332
CLINTONDALE, NY 12515-0332
Phone No.: 845 883-5726
KATHERINE J. BEINKAFNER. PHD
E-Mail Address: rockdoctor@optonline.net

Report To:

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

Invoice To:

Company: American Cleaners
360 RE211 East
Address: Middletown, NY10940
Phone No.: 845 343-0141 x102
Attention: Mr. Erez Halevah
E-Mail Address: ErezH19@gmail.com

YOUR Project ID

American Cleaners Kingston Part 2 of 2

Purchase Order No.

Samples from: CT ___ NY ✓ NJ ___

Turn-Around Time

- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐ Not This one
- 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.

Katherine J Beinkafner
Samples Collected/Authorized By (Signature)
Katherine J. Beinkafner
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
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STARS list	Nassau Co.	BN Only	8151Herb	TAL	TAL Met/CN	CT ETPH	Ignitability
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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
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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 12/4/15	12/4/15	Distilled Water	8260B Full + MTBE	3 40ml vials
MW1	12/4/15 1135am	GW	8260B Full + MTBE	3 40ml vials
MW2	12/4/15 1250 pm	GW	8260B Full + MTBE	3 40ml vials
MW5	12/4/15 150pm	GW	8260B Full + MTBE	3 40 ml vials

Comments: MW2 smells like acid H_2SO_4 or HCl
chemical of concern: PCE

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

Katherine J Beinkafner 12/7/15 8am
Samples Relinquished By Date/Time

Samples Relinquished By Date/Time

Samples Received By Date/Time
12-7-15 1050

Samples Received in LAB by Date/Time
12/7/15 1516

Temperature on Receipt
4.1 °C

Technical Report

prepared for:

Mid-Hudson Geosciences
1003 NY Route 44/55, P.O.Box 332
Clintondale NY, 12515-0332
Attention: Katherine Beinkafner

Report Date: 12/07/2016
Client Project ID: SACK-VES
York Project (SDG) No.: 16K1174

CT Cert. No. PH-0723 New Jersey Cert. No. CT-005 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 12/07/2016
Client Project ID: SACK-VES
York Project (SDG) No.: 16K1174

Mid-Hudson Geosciences
1003 NY Route 44/55, P.O.Box 332
Clintondale NY, 12515-0332
Attention: Katherine Beinkafner

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 November 30, 2016 and listed below. The project was identified as your project: **SACK-VES**.

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
16K1174-01	SACK-NE	Soil Vapor	11/29/2016	11/30/2016
16K1174-02	SACK-BD	Soil Vapor	11/29/2016	11/30/2016
16K1174-03	SACK-WW	Soil Vapor	11/29/2016	11/30/2016
16K1174-04	SACK-NW	Soil Vapor	11/29/2016	11/30/2016

General Notes for York Project (SDG) No.: 16K1174

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.
9. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By: 

Date: 12/07/2016

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: SACK-NE

York Sample ID: 16K1174-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16K1174	SACK-VES	Soil Vapor	November 29, 2016 11:36 am	11/30/2016

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
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	14	14	20.57	EPA TO-15 Certifications:	12/05/2016 14:55	12/05/2016 16:57	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	11	11	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 14:55	12/05/2016 16:57	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	14	14	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 14:55	12/05/2016 16:57	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	16	16	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 14:55	12/05/2016 16:57	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	11	11	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 14:55	12/05/2016 16:57	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m³	8.3	8.3	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 14:55	12/05/2016 16:57	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m³	8.2	8.2	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 14:55	12/05/2016 16:57	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	15	15	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 14:55	12/05/2016 16:57	LDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	10	10	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 14:55	12/05/2016 16:57	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m³	16	16	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 14:55	12/05/2016 16:57	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	12	12	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 14:55	12/05/2016 16:57	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m³	8.3	8.3	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 14:55	12/05/2016 16:57	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m³	9.5	9.5	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 14:55	12/05/2016 16:57	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	14	14	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 14:55	12/05/2016 16:57	LDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	10	10	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 14:55	12/05/2016 16:57	LDS
106-99-0	1,3-Butadiene	ND		ug/m³	14	14	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 14:55	12/05/2016 16:57	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	12	12	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 14:55	12/05/2016 16:57	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	9.5	9.5	20.57	EPA TO-15 Certifications:	12/05/2016 14:55	12/05/2016 16:57	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	12	12	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 14:55	12/05/2016 16:57	LDS
123-91-1	1,4-Dioxane	ND		ug/m³	15	15	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 14:55	12/05/2016 16:57	LDS
78-93-3	**2-Butanone**	**16**		ug/m³	6.1	6.1	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 14:55	12/05/2016 16:57	LDS
591-78-6	* 2-Hexanone	ND		ug/m³	17	17	20.57	EPA TO-15 Certifications:	12/05/2016 14:55	12/05/2016 16:57	LDS

Sample Information

Client Sample ID: SACK-NE **York Sample ID:** 16K1174-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16K1174	SACK-VES	Soil Vapor	November 29, 2016 11:36 am	11/30/2016

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
107-05-1	3-Chloropropene	ND		ug/m³	32	32	20.57	EPA TO-15 Certifications:	12/05/2016 14:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 16:57	LDS
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	8.4	8.4	20.57	EPA TO-15 Certifications:	12/05/2016 14:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 16:57	LDS
67-64-1	**Acetone**	**18**		ug/m³	9.8	9.8	20.57	EPA TO-15 Certifications:	12/05/2016 14:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 16:57	LDS
107-13-1	Acrylonitrile	ND		ug/m³	4.5	4.5	20.57	EPA TO-15 Certifications:	12/05/2016 14:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 16:57	LDS
71-43-2	Benzene	ND		ug/m³	6.6	6.6	20.57	EPA TO-15 Certifications:	12/05/2016 14:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 16:57	LDS
100-44-7	Benzyl chloride	ND		ug/m³	11	11	20.57	EPA TO-15 Certifications:	12/05/2016 14:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 16:57	LDS
75-27-4	Bromodichloromethane	ND		ug/m³	14	14	20.57	EPA TO-15 Certifications:	12/05/2016 14:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 16:57	LDS
75-25-2	Bromoform	ND		ug/m³	21	21	20.57	EPA TO-15 Certifications:	12/05/2016 14:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 16:57	LDS
74-83-9	Bromomethane	ND		ug/m³	8.0	8.0	20.57	EPA TO-15 Certifications:	12/05/2016 14:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 16:57	LDS
75-15-0	Carbon disulfide	ND		ug/m³	6.4	6.4	20.57	EPA TO-15 Certifications:	12/05/2016 14:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 16:57	LDS
56-23-5	Carbon tetrachloride	ND		ug/m³	3.2	3.2	20.57	EPA TO-15 Certifications:	12/05/2016 14:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 16:57	LDS
108-90-7	Chlorobenzene	ND		ug/m³	9.5	9.5	20.57	EPA TO-15 Certifications:	12/05/2016 14:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 16:57	LDS
75-00-3	Chloroethane	ND		ug/m³	5.4	5.4	20.57	EPA TO-15 Certifications:	12/05/2016 14:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 16:57	LDS
67-66-3	Chloroform	ND		ug/m³	10	10	20.57	EPA TO-15 Certifications:	12/05/2016 14:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 16:57	LDS
74-87-3	Chloromethane	ND		ug/m³	4.2	4.2	20.57	EPA TO-15 Certifications:	12/05/2016 14:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 16:57	LDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	8.2	8.2	20.57	EPA TO-15 Certifications:	12/05/2016 14:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 16:57	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	9.3	9.3	20.57	EPA TO-15 Certifications:	12/05/2016 14:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 16:57	LDS
110-82-7	Cyclohexane	ND		ug/m³	7.1	7.1	20.57	EPA TO-15 Certifications:	12/05/2016 14:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 16:57	LDS
124-48-1	Dibromochloromethane	ND		ug/m³	18	18	20.57	EPA TO-15 Certifications:	12/05/2016 14:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 16:57	LDS
75-71-8	Dichlorodifluoromethane	ND		ug/m³	10	10	20.57	EPA TO-15 Certifications:	12/05/2016 14:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 16:57	LDS
141-78-6	* Ethyl acetate	ND		ug/m³	15	15	20.57	EPA TO-15 Certifications:	12/05/2016 14:55	12/05/2016 16:57	LDS
100-41-4	Ethyl Benzene	ND		ug/m³	8.9	8.9	20.57	EPA TO-15 Certifications:	12/05/2016 14:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 16:57	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m³	22	22	20.57	EPA TO-15 Certifications:	12/05/2016 14:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 16:57	LDS

Sample Information

Client Sample ID: SACK-NE

York Sample ID: 16K1174-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16K1174	SACK-VES	Soil Vapor	November 29, 2016 11:36 am	11/30/2016

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
67-63-0	Isopropanol	ND		ug/m³	10	10	20.57	EPA TO-15 Certifications:	12/05/2016 14:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 16:57	LDS
80-62-6	Methyl Methacrylate	ND		ug/m³	8.4	8.4	20.57	EPA TO-15 Certifications:	12/05/2016 14:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 16:57	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	7.4	7.4	20.57	EPA TO-15 Certifications:	12/05/2016 14:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 16:57	LDS
75-09-2	**Methylene chloride**	**14**		ug/m³	14	14	20.57	EPA TO-15 Certifications:	12/05/2016 14:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 16:57	LDS
142-82-5	n-Heptane	ND		ug/m³	8.4	8.4	20.57	EPA TO-15 Certifications:	12/05/2016 14:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 16:57	LDS
110-54-3	n-Hexane	ND		ug/m³	7.3	7.3	20.57	EPA TO-15 Certifications:	12/05/2016 14:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 16:57	LDS
95-47-6	o-Xylene	ND		ug/m³	8.9	8.9	20.57	EPA TO-15 Certifications:	12/05/2016 14:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 16:57	LDS
179601-23-1	p- & m- Xylenes	ND		ug/m³	18	18	20.57	EPA TO-15 Certifications:	12/05/2016 14:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 16:57	LDS
622-96-8	* p-Ethyltoluene	ND		ug/m³	10	10	20.57	EPA TO-15 Certifications:	12/05/2016 14:55	12/05/2016 16:57	LDS
115-07-1	* Propylene	ND		ug/m³	3.5	3.5	20.57	EPA TO-15 Certifications:	12/05/2016 14:55	12/05/2016 16:57	LDS
100-42-5	Styrene	ND		ug/m³	8.8	8.8	20.57	EPA TO-15 Certifications:	12/05/2016 14:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 16:57	LDS
127-18-4	**Tetrachloroethylene**	**1400**		ug/m³	3.5	3.5	20.57	EPA TO-15 Certifications:	12/05/2016 14:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 16:57	LDS
109-99-9	*** Tetrahydrofuran**	**34**		ug/m³	12	12	20.57	EPA TO-15 Certifications:	12/05/2016 14:55	12/05/2016 16:57	LDS
108-88-3	Toluene	ND		ug/m³	7.8	7.8	20.57	EPA TO-15 Certifications:	12/05/2016 14:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 16:57	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	8.2	8.2	20.57	EPA TO-15 Certifications:	12/05/2016 14:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 16:57	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	9.3	9.3	20.57	EPA TO-15 Certifications:	12/05/2016 14:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 16:57	LDS
79-01-6	**Trichloroethylene**	**17**		ug/m³	2.8	2.8	20.57	EPA TO-15 Certifications:	12/05/2016 14:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 16:57	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	12	12	20.57	EPA TO-15 Certifications:	12/05/2016 14:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 16:57	LDS
108-05-4	Vinyl acetate	ND		ug/m³	7.2	7.2	20.57	EPA TO-15 Certifications:	12/05/2016 14:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 16:57	LDS
593-60-2	Vinyl bromide	ND		ug/m³	9.0	9.0	20.57	EPA TO-15 Certifications:	12/05/2016 14:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 16:57	LDS
75-01-4	Vinyl Chloride	ND		ug/m³	5.3	5.3	20.57	EPA TO-15 Certifications:	12/05/2016 14:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 16:57	LDS

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*95.9 %*	*72-118*

Volatile Organics, TO15 Tent. Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SACK-NE **York Sample ID:** 16K1174-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16K1174	SACK-VES	Soil Vapor	November 29, 2016 11:36 am	11/30/2016

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
	Tentatively Identified Compounds	0.0		ug/m³			20.57	EPA TO-15 Certifications:	12/05/2016 14:55	12/05/2016 16:57	LDS

Sample Information

Client Sample ID: SACK-BD **York Sample ID:** 16K1174-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16K1174	SACK-VES	Soil Vapor	November 29, 2016 11:30 am	11/30/2016

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
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	14	14	20.49	EPA TO-15 Certifications:	12/05/2016 14:55	12/05/2016 17:56	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	11	11	20.49	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 14:55	12/05/2016 17:56	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	14	14	20.49	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 14:55	12/05/2016 17:56	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	16	16	20.49	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 14:55	12/05/2016 17:56	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	11	11	20.49	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 14:55	12/05/2016 17:56	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m³	8.3	8.3	20.49	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 14:55	12/05/2016 17:56	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m³	8.1	8.1	20.49	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 14:55	12/05/2016 17:56	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	15	15	20.49	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 14:55	12/05/2016 17:56	LDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	10	10	20.49	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 14:55	12/05/2016 17:56	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m³	16	16	20.49	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 14:55	12/05/2016 17:56	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	12	12	20.49	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 14:55	12/05/2016 17:56	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m³	8.3	8.3	20.49	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 14:55	12/05/2016 17:56	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m³	9.5	9.5	20.49	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 14:55	12/05/2016 17:56	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	14	14	20.49	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 14:55	12/05/2016 17:56	LDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	10	10	20.49	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 14:55	12/05/2016 17:56	LDS
106-99-0	1,3-Butadiene	ND		ug/m³	14	14	20.49	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 14:55	12/05/2016 17:56	LDS

Sample Information

Client Sample ID: SACK-BD **York Sample ID:** 16K1174-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16K1174	SACK-VES	Soil Vapor	November 29, 2016 11:30 am	11/30/2016

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
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	12	12	20.49	EPA TO-15 Certifications:	12/05/2016 14:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 17:56	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	9.5	9.5	20.49	EPA TO-15 Certifications:	12/05/2016 14:55	12/05/2016 17:56	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	12	12	20.49	EPA TO-15 Certifications:	12/05/2016 14:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 17:56	LDS
123-91-1	1,4-Dioxane	ND		ug/m³	15	15	20.49	EPA TO-15 Certifications:	12/05/2016 14:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 17:56	LDS
78-93-3	**2-Butanone**	**7.9**		ug/m³	6.0	6.0	20.49	EPA TO-15 Certifications:	12/05/2016 14:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 17:56	LDS
591-78-6	* 2-Hexanone	ND		ug/m³	17	17	20.49	EPA TO-15 Certifications:	12/05/2016 14:55	12/05/2016 17:56	LDS
107-05-1	3-Chloropropene	ND		ug/m³	32	32	20.49	EPA TO-15 Certifications:	12/05/2016 14:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 17:56	LDS
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	8.4	8.4	20.49	EPA TO-15 Certifications:	12/05/2016 14:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 17:56	LDS
67-64-1	**Acetone**	**11**		ug/m³	9.7	9.7	20.49	EPA TO-15 Certifications:	12/05/2016 14:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 17:56	LDS
107-13-1	Acrylonitrile	ND		ug/m³	4.4	4.4	20.49	EPA TO-15 Certifications:	12/05/2016 14:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 17:56	LDS
71-43-2	Benzene	ND		ug/m³	6.5	6.5	20.49	EPA TO-15 Certifications:	12/05/2016 14:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 17:56	LDS
100-44-7	Benzyl chloride	ND		ug/m³	11	11	20.49	EPA TO-15 Certifications:	12/05/2016 14:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 17:56	LDS
75-27-4	Bromodichloromethane	ND		ug/m³	14	14	20.49	EPA TO-15 Certifications:	12/05/2016 14:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 17:56	LDS
75-25-2	Bromoform	ND		ug/m³	21	21	20.49	EPA TO-15 Certifications:	12/05/2016 14:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 17:56	LDS
74-83-9	Bromomethane	ND		ug/m³	8.0	8.0	20.49	EPA TO-15 Certifications:	12/05/2016 14:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 17:56	LDS
75-15-0	Carbon disulfide	ND		ug/m³	6.4	6.4	20.49	EPA TO-15 Certifications:	12/05/2016 14:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 17:56	LDS
56-23-5	Carbon tetrachloride	ND		ug/m³	3.2	3.2	20.49	EPA TO-15 Certifications:	12/05/2016 14:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 17:56	LDS
108-90-7	Chlorobenzene	ND		ug/m³	9.4	9.4	20.49	EPA TO-15 Certifications:	12/05/2016 14:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 17:56	LDS
75-00-3	Chloroethane	ND		ug/m³	5.4	5.4	20.49	EPA TO-15 Certifications:	12/05/2016 14:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 17:56	LDS
67-66-3	**Chloroform**	**10**		ug/m³	10	10	20.49	EPA TO-15 Certifications:	12/05/2016 14:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 17:56	LDS
74-87-3	Chloromethane	ND		ug/m³	4.2	4.2	20.49	EPA TO-15 Certifications:	12/05/2016 14:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 17:56	LDS
156-59-2	**cis-1,2-Dichloroethylene**	**22**		ug/m³	8.1	8.1	20.49	EPA TO-15 Certifications:	12/05/2016 14:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 17:56	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	9.3	9.3	20.49	EPA TO-15 Certifications:	12/05/2016 14:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 17:56	LDS

Sample Information

Client Sample ID: SACK-BD **York Sample ID:** 16K1174-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16K1174	SACK-VES	Soil Vapor	November 29, 2016 11:30 am	11/30/2016

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
110-82-7	Cyclohexane	ND		ug/m³	7.1	7.1	20.49	EPA TO-15	12/05/2016 14:55	12/05/2016 17:56	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
124-48-1	Dibromochloromethane	ND		ug/m³	17	17	20.49	EPA TO-15	12/05/2016 14:55	12/05/2016 17:56	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
75-71-8	Dichlorodifluoromethane	ND		ug/m³	10	10	20.49	EPA TO-15	12/05/2016 14:55	12/05/2016 17:56	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
141-78-6	* Ethyl acetate	ND		ug/m³	15	15	20.49	EPA TO-15	12/05/2016 14:55	12/05/2016 17:56	LDS
								Certifications:			
100-41-4	Ethyl Benzene	ND		ug/m³	8.9	8.9	20.49	EPA TO-15	12/05/2016 14:55	12/05/2016 17:56	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
87-68-3	Hexachlorobutadiene	ND		ug/m³	22	22	20.49	EPA TO-15	12/05/2016 14:55	12/05/2016 17:56	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
67-63-0	Isopropanol	ND		ug/m³	10	10	20.49	EPA TO-15	12/05/2016 14:55	12/05/2016 17:56	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
80-62-6	Methyl Methacrylate	ND		ug/m³	8.4	8.4	20.49	EPA TO-15	12/05/2016 14:55	12/05/2016 17:56	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	7.4	7.4	20.49	EPA TO-15	12/05/2016 14:55	12/05/2016 17:56	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
75-09-2	**Methylene chloride**	**18**		ug/m³	14	14	20.49	EPA TO-15	12/05/2016 14:55	12/05/2016 17:56	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
142-82-5	n-Heptane	ND		ug/m³	8.4	8.4	20.49	EPA TO-15	12/05/2016 14:55	12/05/2016 17:56	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
110-54-3	n-Hexane	ND		ug/m³	7.2	7.2	20.49	EPA TO-15	12/05/2016 14:55	12/05/2016 17:56	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
95-47-6	o-Xylene	ND		ug/m³	8.9	8.9	20.49	EPA TO-15	12/05/2016 14:55	12/05/2016 17:56	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
179601-23-1	p- & m- Xylenes	ND		ug/m³	18	18	20.49	EPA TO-15	12/05/2016 14:55	12/05/2016 17:56	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
622-96-8	* p-Ethyltoluene	ND		ug/m³	10	10	20.49	EPA TO-15	12/05/2016 14:55	12/05/2016 17:56	LDS
								Certifications:			
115-07-1	* Propylene	ND		ug/m³	3.5	3.5	20.49	EPA TO-15	12/05/2016 14:55	12/05/2016 17:56	LDS
								Certifications:			
100-42-5	Styrene	ND		ug/m³	8.7	8.7	20.49	EPA TO-15	12/05/2016 14:55	12/05/2016 17:56	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
127-18-4	**Tetrachloroethylene**	**6100**		ug/m³	3.5	3.5	20.49	EPA TO-15	12/05/2016 14:55	12/05/2016 17:56	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
109-99-9	*** Tetrahydrofuran**	**18**		ug/m³	12	12	20.49	EPA TO-15	12/05/2016 14:55	12/05/2016 17:56	LDS
								Certifications:			
108-88-3	Toluene	ND		ug/m³	7.7	7.7	20.49	EPA TO-15	12/05/2016 14:55	12/05/2016 17:56	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	8.1	8.1	20.49	EPA TO-15	12/05/2016 14:55	12/05/2016 17:56	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	9.3	9.3	20.49	EPA TO-15	12/05/2016 14:55	12/05/2016 17:56	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
79-01-6	**Trichloroethylene**	**55**		ug/m³	2.8	2.8	20.49	EPA TO-15	12/05/2016 14:55	12/05/2016 17:56	LDS
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		

Sample Information

Client Sample ID: SACK-BD **York Sample ID:** 16K1174-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16K1174	SACK-VES	Soil Vapor	November 29, 2016 11:30 am	11/30/2016

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
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	12	12	20.49	EPA TO-15 Certifications:	12/05/2016 14:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 17:56	LDS
108-05-4	Vinyl acetate	ND		ug/m³	7.2	7.2	20.49	EPA TO-15 Certifications:	12/05/2016 14:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 17:56	LDS
593-60-2	Vinyl bromide	ND		ug/m³	9.0	9.0	20.49	EPA TO-15 Certifications:	12/05/2016 14:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 17:56	LDS
75-01-4	Vinyl Chloride	ND		ug/m³	5.2	5.2	20.49	EPA TO-15 Certifications:	12/05/2016 14:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/05/2016 17:56	LDS

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*97.6 %*	*72-118*

Volatile Organics, TO15 Tent. Identified Cmpds.

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
	Tentatively Identified Compounds	0.0		ug/m³			20.49	EPA TO-15 Certifications:	12/05/2016 14:55	12/05/2016 17:56	LDS

Sample Information

Client Sample ID: SACK-WW **York Sample ID:** 16K1174-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16K1174	SACK-VES	Soil Vapor	November 29, 2016 11:58 am	11/30/2016

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
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	16	16	23.89	EPA TO-15 Certifications:	12/02/2016 09:11	12/02/2016 14:25	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	13	13	23.89	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 14:25	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	16	16	23.89	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 14:25	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	18	18	23.89	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 14:25	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	13	13	23.89	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 14:25	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m³	9.7	9.7	23.89	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 14:25	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m³	9.5	9.5	23.89	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 14:25	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	18	18	23.89	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 14:25	LDS

Sample Information

Client Sample ID: SACK-WW

York Sample ID: 16K1174-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16K1174	SACK-VES	Soil Vapor	November 29, 2016 11:58 am	11/30/2016

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
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	12	12	23.89	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 14:25	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m³	18	18	23.89	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 14:25	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	14	14	23.89	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 14:25	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m³	9.7	9.7	23.89	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 14:25	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m³	11	11	23.89	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 14:25	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	17	17	23.89	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 14:25	LDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	12	12	23.89	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 14:25	LDS
106-99-0	1,3-Butadiene	ND		ug/m³	16	16	23.89	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 14:25	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	14	14	23.89	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 14:25	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	11	11	23.89	EPA TO-15 Certifications:	12/02/2016 09:11	12/02/2016 14:25	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	14	14	23.89	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 14:25	LDS
123-91-1	1,4-Dioxane	ND		ug/m³	17	17	23.89	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 14:25	LDS
78-93-3	2-Butanone	ND		ug/m³	7.0	7.0	23.89	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 14:25	LDS
591-78-6	* 2-Hexanone	ND		ug/m³	20	20	23.89	EPA TO-15 Certifications:	12/02/2016 09:11	12/02/2016 14:25	LDS
107-05-1	3-Chloropropene	ND		ug/m³	37	37	23.89	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 14:25	LDS
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	9.8	9.8	23.89	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 14:25	LDS
67-64-1	Acetone	ND		ug/m³	11	11	23.89	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 14:25	LDS
107-13-1	Acrylonitrile	ND		ug/m³	5.2	5.2	23.89	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 14:25	LDS
71-43-2	Benzene	ND		ug/m³	7.6	7.6	23.89	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 14:25	LDS
100-44-7	Benzyl chloride	ND		ug/m³	12	12	23.89	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 14:25	LDS
75-27-4	Bromodichloromethane	ND		ug/m³	16	16	23.89	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 14:25	LDS
75-25-2	Bromoform	ND		ug/m³	25	25	23.89	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 14:25	LDS
74-83-9	Bromomethane	ND		ug/m³	9.3	9.3	23.89	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 14:25	LDS

Sample Information

Client Sample ID: SACK-WW **York Sample ID:** 16K1174-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16K1174	SACK-VES	Soil Vapor	November 29, 2016 11:58 am	11/30/2016

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
75-15-0	Carbon disulfide	ND		ug/m³	7.4	7.4	23.89	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 14:25	LDS
56-23-5	Carbon tetrachloride	ND		ug/m³	3.8	3.8	23.89	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 14:25	LDS
108-90-7	Chlorobenzene	ND		ug/m³	11	11	23.89	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 14:25	LDS
75-00-3	Chloroethane	ND		ug/m³	6.3	6.3	23.89	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 14:25	LDS
67-66-3	Chloroform	ND		ug/m³	12	12	23.89	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 14:25	LDS
74-87-3	Chloromethane	ND		ug/m³	4.9	4.9	23.89	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 14:25	LDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	9.5	9.5	23.89	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 14:25	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	11	11	23.89	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 14:25	LDS
110-82-7	Cyclohexane	ND		ug/m³	8.2	8.2	23.89	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 14:25	LDS
124-48-1	Dibromochloromethane	ND		ug/m³	20	20	23.89	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 14:25	LDS
75-71-8	**Dichlorodifluoromethane**	**14**		ug/m³	12	12	23.89	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 14:25	LDS
141-78-6	* Ethyl acetate	ND		ug/m³	17	17	23.89	EPA TO-15 Certifications:	12/02/2016 09:11	12/02/2016 14:25	LDS
100-41-4	Ethyl Benzene	ND		ug/m³	10	10	23.89	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 14:25	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m³	25	25	23.89	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 14:25	LDS
67-63-0	Isopropanol	ND		ug/m³	12	12	23.89	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 14:25	LDS
80-62-6	Methyl Methacrylate	ND		ug/m³	9.8	9.8	23.89	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 14:25	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	8.6	8.6	23.89	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 14:25	LDS
75-09-2	Methylene chloride	ND		ug/m³	17	17	23.89	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 14:25	LDS
142-82-5	n-Heptane	ND		ug/m³	9.8	9.8	23.89	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 14:25	LDS
110-54-3	n-Hexane	ND		ug/m³	8.4	8.4	23.89	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 14:25	LDS
95-47-6	o-Xylene	ND		ug/m³	10	10	23.89	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 14:25	LDS
179601-23-1	p- & m- Xylenes	ND		ug/m³	21	21	23.89	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 14:25	LDS
622-96-8	* p-Ethyltoluene	ND		ug/m³	12	12	23.89	EPA TO-15 Certifications:	12/02/2016 09:11	12/02/2016 14:25	LDS

Sample Information

Client Sample ID: SACK-WW **York Sample ID:** 16K1174-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16K1174	SACK-VES	Soil Vapor	November 29, 2016 11:58 am	11/30/2016

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
115-07-1	* Propylene	ND		ug/m³	4.1	4.1	23.89	EPA TO-15 Certifications:	12/02/2016 09:11	12/02/2016 14:25	LDS
100-42-5	Styrene	ND		ug/m³	10	10	23.89	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 09:11	12/02/2016 14:25	LDS
127-18-4	**Tetrachloroethylene**	**350**		ug/m³	4.1	4.1	23.89	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 09:11	12/02/2016 14:25	LDS
109-99-9	* Tetrahydrofuran	ND		ug/m³	14	14	23.89	EPA TO-15 Certifications:	12/02/2016 09:11	12/02/2016 14:25	LDS
108-88-3	Toluene	ND		ug/m³	9.0	9.0	23.89	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 09:11	12/02/2016 14:25	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	9.5	9.5	23.89	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 09:11	12/02/2016 14:25	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	11	11	23.89	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 09:11	12/02/2016 14:25	LDS
79-01-6	Trichloroethylene	ND		ug/m³	3.2	3.2	23.89	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 09:11	12/02/2016 14:25	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	13	13	23.89	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 09:11	12/02/2016 14:25	LDS
108-05-4	Vinyl acetate	ND		ug/m³	8.4	8.4	23.89	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 09:11	12/02/2016 14:25	LDS
593-60-2	Vinyl bromide	ND		ug/m³	10	10	23.89	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 09:11	12/02/2016 14:25	LDS
75-01-4	Vinyl Chloride	ND		ug/m³	6.1	6.1	23.89	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 09:11	12/02/2016 14:25	LDS

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*95.8 %*	*72-118*

Volatile Organics, TO15 Tent. Identified Cmpds.

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
	Tentatively Identified Compounds	0.0		ug/m³			23.89	EPA TO-15 Certifications:	12/02/2016 09:11	12/02/2016 14:25	LDS

Sample Information

Client Sample ID: SACK-NW **York Sample ID:** 16K1174-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16K1174	SACK-VES	Soil Vapor	November 29, 2016 11:49 am	11/30/2016

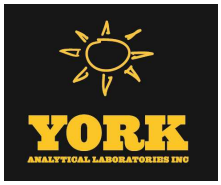
Volatile Organics, EPA TO15 Full List

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



Sample Information

Client Sample ID: **SACK-NW** **York Sample ID:** **16K1174-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16K1174	SACK-VES	Soil Vapor	November 29, 2016 11:49 am	11/30/2016

630-20-6	* 1,1,1,2-Tetrachloroethane	ND	ug/m³	14	14	19.76	EPA TO-15 Certifications:	12/02/2016 09:11	12/02/2016 15:12	LDS
71-55-6	1,1,1-Trichloroethane	ND	ug/m³	11	11	19.76	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 15:12	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND	ug/m³	14	14	19.76	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 15:12	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	ug/m³	15	15	19.76	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 15:12	LDS
79-00-5	1,1,2-Trichloroethane	ND	ug/m³	11	11	19.76	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 15:12	LDS
75-34-3	1,1-Dichloroethane	ND	ug/m³	8.0	8.0	19.76	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 15:12	LDS
75-35-4	1,1-Dichloroethylene	ND	ug/m³	7.8	7.8	19.76	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 15:12	LDS
120-82-1	1,2,4-Trichlorobenzene	ND	ug/m³	15	15	19.76	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 15:12	LDS
95-63-6	1,2,4-Trimethylbenzene	ND	ug/m³	9.7	9.7	19.76	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 15:12	LDS
106-93-4	1,2-Dibromoethane	ND	ug/m³	15	15	19.76	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 15:12	LDS
95-50-1	1,2-Dichlorobenzene	ND	ug/m³	12	12	19.76	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 15:12	LDS
107-06-2	1,2-Dichloroethane	ND	ug/m³	8.0	8.0	19.76	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 15:12	LDS
78-87-5	1,2-Dichloropropane	ND	ug/m³	9.1	9.1	19.76	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 15:12	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND	ug/m³	14	14	19.76	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 15:12	LDS
108-67-8	1,3,5-Trimethylbenzene	ND	ug/m³	9.7	9.7	19.76	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 15:12	LDS
106-99-0	1,3-Butadiene	ND	ug/m³	13	13	19.76	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 15:12	LDS
541-73-1	1,3-Dichlorobenzene	ND	ug/m³	12	12	19.76	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 15:12	LDS
142-28-9	* 1,3-Dichloropropane	ND	ug/m³	9.1	9.1	19.76	EPA TO-15 Certifications:	12/02/2016 09:11	12/02/2016 15:12	LDS
106-46-7	1,4-Dichlorobenzene	ND	ug/m³	12	12	19.76	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 15:12	LDS
123-91-1	1,4-Dioxane	ND	ug/m³	14	14	19.76	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 15:12	LDS
78-93-3	**2-Butanone**	**11**	ug/m³	5.8	5.8	19.76	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 15:12	LDS
591-78-6	* 2-Hexanone	ND	ug/m³	16	16	19.76	EPA TO-15 Certifications:	12/02/2016 09:11	12/02/2016 15:12	LDS
107-05-1	3-Chloropropene	ND	ug/m³	31	31	19.76	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 15:12	LDS
108-10-1	4-Methyl-2-pentanone	ND	ug/m³	8.1	8.1	19.76	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 15:12	LDS
67-64-1	Acetone	ND	ug/m³	9.4	9.4	19.76	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 15:12	LDS
107-13-1	Acrylonitrile	ND	ug/m³	4.3	4.3	19.76	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 15:12	LDS

Sample Information

Client Sample ID: SACK-NW

York Sample ID: 16K1174-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16K1174	SACK-VES	Soil Vapor	November 29, 2016 11:49 am	11/30/2016

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
71-43-2	Benzene	ND		ug/m³	6.3	6.3	19.76	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 15:12	LDS
100-44-7	Benzyl chloride	ND		ug/m³	10	10	19.76	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 15:12	LDS
75-27-4	Bromodichloromethane	ND		ug/m³	13	13	19.76	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 15:12	LDS
75-25-2	Bromoform	ND		ug/m³	20	20	19.76	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 15:12	LDS
74-83-9	Bromomethane	ND		ug/m³	7.7	7.7	19.76	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 15:12	LDS
75-15-0	Carbon disulfide	ND		ug/m³	6.2	6.2	19.76	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 15:12	LDS
56-23-5	Carbon tetrachloride	ND		ug/m³	3.1	3.1	19.76	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 15:12	LDS
108-90-7	Chlorobenzene	ND		ug/m³	9.1	9.1	19.76	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 15:12	LDS
75-00-3	Chloroethane	ND		ug/m³	5.2	5.2	19.76	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 15:12	LDS
67-66-3	Chloroform	ND		ug/m³	9.6	9.6	19.76	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 15:12	LDS
74-87-3	Chloromethane	ND		ug/m³	4.1	4.1	19.76	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 15:12	LDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	7.8	7.8	19.76	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 15:12	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	9.0	9.0	19.76	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 15:12	LDS
110-82-7	Cyclohexane	ND		ug/m³	6.8	6.8	19.76	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 15:12	LDS
124-48-1	Dibromochloromethane	ND		ug/m³	17	17	19.76	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 15:12	LDS
75-71-8	Dichlorodifluoromethane	ND		ug/m³	9.8	9.8	19.76	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 15:12	LDS
141-78-6	* Ethyl acetate	ND		ug/m³	14	14	19.76	EPA TO-15 Certifications:	12/02/2016 09:11	12/02/2016 15:12	LDS
100-41-4	Ethyl Benzene	ND		ug/m³	8.6	8.6	19.76	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 15:12	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m³	21	21	19.76	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 15:12	LDS
67-63-0	Isopropanol	ND		ug/m³	9.7	9.7	19.76	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 15:12	LDS
80-62-6	Methyl Methacrylate	ND		ug/m³	8.1	8.1	19.76	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 15:12	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	7.1	7.1	19.76	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 15:12	LDS
75-09-2	Methylene chloride	ND		ug/m³	14	14	19.76	EPA TO-15 Certifications:	12/02/2016 09:11 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	12/02/2016 15:12	LDS

Sample Information

Client Sample ID: SACK-NW **York Sample ID:** 16K1174-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16K1174	SACK-VES	Soil Vapor	November 29, 2016 11:49 am	11/30/2016

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
142-82-5	n-Heptane	ND		ug/m³	8.1	8.1	19.76	EPA TO-15 Certifications:	12/02/2016 09:11	12/02/2016 15:12 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	LDS
110-54-3	n-Hexane	ND		ug/m³	7.0	7.0	19.76	EPA TO-15 Certifications:	12/02/2016 09:11	12/02/2016 15:12 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	LDS
95-47-6	o-Xylene	ND		ug/m³	8.6	8.6	19.76	EPA TO-15 Certifications:	12/02/2016 09:11	12/02/2016 15:12 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	LDS
179601-23-1	p- & m- Xylenes	ND		ug/m³	17	17	19.76	EPA TO-15 Certifications:	12/02/2016 09:11	12/02/2016 15:12 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	LDS
622-96-8	* p-Ethyltoluene	ND		ug/m³	9.7	9.7	19.76	EPA TO-15 Certifications:	12/02/2016 09:11	12/02/2016 15:12	LDS
115-07-1	* Propylene	ND		ug/m³	3.4	3.4	19.76	EPA TO-15 Certifications:	12/02/2016 09:11	12/02/2016 15:12	LDS
100-42-5	Styrene	ND		ug/m³	8.4	8.4	19.76	EPA TO-15 Certifications:	12/02/2016 09:11	12/02/2016 15:12 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	LDS
127-18-4	**Tetrachloroethylene**	**990**		ug/m³	3.4	3.4	19.76	EPA TO-15 Certifications:	12/02/2016 09:11	12/02/2016 15:12 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	LDS
109-99-9	*** Tetrahydrofuran**	**33**		ug/m³	12	12	19.76	EPA TO-15 Certifications:	12/02/2016 09:11	12/02/2016 15:12	LDS
108-88-3	Toluene	ND		ug/m³	7.4	7.4	19.76	EPA TO-15 Certifications:	12/02/2016 09:11	12/02/2016 15:12 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	7.8	7.8	19.76	EPA TO-15 Certifications:	12/02/2016 09:11	12/02/2016 15:12 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	9.0	9.0	19.76	EPA TO-15 Certifications:	12/02/2016 09:11	12/02/2016 15:12 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	LDS
79-01-6	Trichloroethylene	ND		ug/m³	2.7	2.7	19.76	EPA TO-15 Certifications:	12/02/2016 09:11	12/02/2016 15:12 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	11	11	19.76	EPA TO-15 Certifications:	12/02/2016 09:11	12/02/2016 15:12 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	LDS
108-05-4	Vinyl acetate	ND		ug/m³	7.0	7.0	19.76	EPA TO-15 Certifications:	12/02/2016 09:11	12/02/2016 15:12 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	LDS
593-60-2	Vinyl bromide	ND		ug/m³	8.6	8.6	19.76	EPA TO-15 Certifications:	12/02/2016 09:11	12/02/2016 15:12 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	LDS
75-01-4	Vinyl Chloride	ND		ug/m³	5.1	5.1	19.76	EPA TO-15 Certifications:	12/02/2016 09:11	12/02/2016 15:12 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	LDS

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*94.8 %*	*72-118*

Volatile Organics, TO15 Tent. Identified Cmpds.

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
	Tentatively Identified Compounds	0.0		ug/m³			19.76	EPA TO-15 Certifications:	12/02/2016 09:11	12/02/2016 15:12	LDS

Analytical Batch Summary

Batch ID: BL60087 **Preparation Method:** EPA TO15 PREP **Prepared By:** LDS

YORK Sample ID	Client Sample ID	Preparation Date
16K1174-03	SACK-WW	12/02/16
16K1174-04	SACK-NW	12/02/16
BL60087-BLK1	Blank	12/01/16
BL60087-BS1	LCS	12/01/16

Batch ID: BL60211 **Preparation Method:** EPA TO15 PREP **Prepared By:** LDS

YORK Sample ID	Client Sample ID	Preparation Date
16K1174-01	SACK-NE	12/05/16
16K1174-02	SACK-BD	12/05/16
BL60211-BLK1	Blank	12/05/16

Volatile Organic Compounds in Air 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 BL60087 - EPA TO15 PREP											
Blank (BL60087-BLK1)											Prepared & Analyzed: 12/01/2016
1,1,1,2-Tetrachloroethane	ND	0.69	ug/m³								
Tentatively Identified Compounds	0.0		"								
1,1,1-Trichloroethane	ND	0.55	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1-Dichloroethane	ND	0.40	"								
1,1-Dichloroethylene	ND	0.40	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.66	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.72	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	0.48	"								
Acrylonitrile	ND	0.22	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								
Bromodichloromethane	ND	0.67	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								
Carbon disulfide	ND	0.31	"								
Carbon tetrachloride	ND	0.16	"								
Chlorobenzene	ND	0.46	"								
Chloroethane	ND	0.26	"								
Chloroform	ND	0.49	"								
Chloromethane	ND	0.21	"								
cis-1,2-Dichloroethylene	ND	0.40	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.85	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	0.72	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	ND	0.49	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								
Methylene chloride	ND	0.69	"								

Volatile Organic Compounds in Air 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 BL60087 - EPA TO15 PREP											
Blank (BL60087-BLK1)								Prepared & Analyzed: 12/01/2016			
n-Heptane	ND	0.41	ug/m³								
n-Hexane	ND	0.35	"								
o-Xylene	ND	0.43	"								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
Propylene	ND	0.17	"								
Styrene	ND	0.43	"								
Tetrachloroethylene	ND	0.17	"								
Tetrahydrofuran	ND	0.59	"								
Toluene	ND	0.38	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
trans-1,3-Dichloropropylene	ND	0.45	"								
Trichloroethylene	ND	0.13	"								
Trichlorofluoromethane (Freon 11)	ND	0.56	"								
Vinyl acetate	ND	0.35	"								
Vinyl bromide	ND	0.44	"								
Vinyl Chloride	ND	0.26	"								
Surrogate: p-Bromofluorobenzene	*9.59*		*ppbv*	*10.0*		*95.9*	*72-118*				
LCS (BL60087-BS1)								Prepared & Analyzed: 12/01/2016			
1,1,1,2-Tetrachloroethane	7.99		ppbv	10.0		79.9	70-130				
1,1,1-Trichloroethane	8.55		"	10.0		85.5	70-130				
1,1,2,2-Tetrachloroethane	7.87		"	10.0		78.7	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	7.89		"	10.0		78.9	70-130				
1,1,2-Trichloroethane	8.01		"	10.0		80.1	70-130				
1,1-Dichloroethane	7.88		"	10.0		78.8	70-130				
1,1-Dichloroethylene	7.82		"	10.0		78.2	70-130				
1,2,4-Trichlorobenzene	6.65		"	10.0		66.5	70-130	Low Bias			
1,2,4-Trimethylbenzene	8.56		"	10.0		85.6	70-130				
1,2-Dibromoethane	7.95		"	10.0		79.5	70-130				
1,2-Dichlorobenzene	8.45		"	10.0		84.5	70-130				
1,2-Dichloroethane	7.61		"	10.0		76.1	70-130				
1,2-Dichloropropane	7.79		"	10.0		77.9	70-130				
1,2-Dichlorotetrafluoroethane	8.59		"	10.0		85.9	70-130				
1,3,5-Trimethylbenzene	8.42		"	10.0		84.2	70-130				
1,3-Butadiene	7.60		"	10.0		76.0	70-130				
1,3-Dichlorobenzene	8.35		"	10.0		83.5	70-130				
1,3-Dichloropropane	7.93		"	10.0		79.3	70-130				
1,4-Dichlorobenzene	8.52		"	10.0		85.2	70-130				
1,4-Dioxane	9.58		"	10.0		95.8	70-130				
2-Butanone	7.48		"	10.0		74.8	70-130				
2-Hexanone	8.52		"	10.0		85.2	70-130				
3-Chloropropene	7.48		"	10.0		74.8	70-130				
4-Methyl-2-pentanone	8.47		"	10.0		84.7	70-130				
Acetone	6.66		"	10.0		66.6	70-130	Low Bias			
Acrylonitrile	7.96		"	10.0		79.6	70-130				
Benzene	7.82		"	10.0		78.2	70-130				
Benzyl chloride	7.78		"	10.0		77.8	70-130				
Bromodichloromethane	7.91		"	10.0		79.1	70-130				
Bromoform	8.12		"	10.0		81.2	70-130				
Bromomethane	8.46		"	10.0		84.6	70-130				

Volatile Organic Compounds in Air 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 BL60087 - EPA TO15 PREP											
LCS (BL60087-BS1)								Prepared & Analyzed: 12/01/2016			
Carbon disulfide	7.82		ppbv	10.0		78.2	70-130				
Carbon tetrachloride	7.66		"	10.0		76.6	70-130				
Chlorobenzene	7.66		"	10.0		76.6	70-130				
Chloroethane	8.10		"	10.0		81.0	70-130				
Chloroform	7.76		"	10.0		77.6	70-130				
Chloromethane	7.67		"	10.0		76.7	70-130				
cis-1,2-Dichloroethylene	7.91		"	10.0		79.1	70-130				
cis-1,3-Dichloropropylene	8.01		"	10.0		80.1	70-130				
Cyclohexane	8.12		"	10.0		81.2	70-130				
Dibromochloromethane	8.19		"	10.0		81.9	70-130				
Dichlorodifluoromethane	7.88		"	10.0		78.8	70-130				
Ethyl acetate	7.65		"	10.0		76.5	70-130				
Ethyl Benzene	8.12		"	10.0		81.2	70-130				
Hexachlorobutadiene	8.30		"	10.0		83.0	70-130				
Isopropanol	8.03		"	10.0		80.3	70-130				
Methyl Methacrylate	8.44		"	10.0		84.4	70-130				
Methyl tert-butyl ether (MTBE)	7.99		"	10.0		79.9	70-130				
Methylene chloride	7.42		"	10.0		74.2	70-130				
n-Heptane	8.26		"	10.0		82.6	70-130				
n-Hexane	6.82		"	10.0		68.2	70-130	Low Bias			
o-Xylene	8.53		"	10.0		85.3	70-130				
p- & m- Xylenes	17.2		"	20.0		86.0	70-130				
p-Ethyltoluene	8.65		"	10.0		86.5	70-130				
Propylene	6.88		"	10.0		68.8	70-130	Low Bias			
Styrene	8.22		"	10.0		82.2	70-130				
Tetrachloroethylene	7.69		"	10.0		76.9	70-130				
Tetrahydrofuran	8.48		"	10.0		84.8	70-130				
Toluene	8.50		"	10.0		85.0	70-130				
trans-1,2-Dichloroethylene	7.69		"	10.0		76.9	70-130				
trans-1,3-Dichloropropylene	8.09		"	10.0		80.9	70-130				
Trichloroethylene	9.15		"	10.0		91.5	70-130				
Trichlorofluoromethane (Freon 11)	8.70		"	10.0		87.0	70-130				
Vinyl acetate	7.64		"	10.0		76.4	70-130				
Vinyl bromide	8.33		"	10.0		83.3	70-130				
Vinyl Chloride	8.08		"	10.0		80.8	70-130				
Surrogate: p-Bromofluorobenzene	*9.88*		*"*	*10.0*		*98.8*	*72-118*				

Volatile Organic Compounds in Air 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 BL60211 - EPA TO15 PREP											
Blank (BL60211-BLK1)											
1,1,1,2-Tetrachloroethane	ND	0.69	ug/m³								
Tentatively Identified Compounds	0.0		"								
1,1,1-Trichloroethane	ND	0.55	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1-Dichloroethane	ND	0.40	"								
1,1-Dichloroethylene	ND	0.40	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.66	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.72	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	0.48	"								
Acrylonitrile	ND	0.22	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								
Bromodichloromethane	ND	0.67	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								
Carbon disulfide	ND	0.31	"								
Carbon tetrachloride	ND	0.16	"								
Chlorobenzene	ND	0.46	"								
Chloroethane	ND	0.26	"								
Chloroform	ND	0.49	"								
Chloromethane	ND	0.21	"								
cis-1,2-Dichloroethylene	ND	0.40	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.85	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	0.72	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	ND	0.49	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								
Methylene chloride	ND	0.69	"								
n-Heptane	ND	0.41	"								

Prepared & Analyzed: 12/05/2016

Volatile Organic Compounds in Air 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 BL60211 - EPA TO15 PREP											
Blank (BL60211-BLK1)											Prepared & Analyzed: 12/05/2016
n-Hexane	ND	0.35	ug/m³								
o-Xylene	ND	0.43	"								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
Propylene	ND	0.17	"								
Styrene	ND	0.43	"								
Tetrachloroethylene	ND	0.17	"								
Tetrahydrofuran	ND	0.59	"								
Toluene	ND	0.38	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
trans-1,3-Dichloropropylene	ND	0.45	"								
Trichloroethylene	ND	0.13	"								
Trichlorofluoromethane (Freon 11)	ND	0.56	"								
Vinyl acetate	ND	0.35	"								
Vinyl bromide	ND	0.44	"								
Vinyl Chloride	ND	0.26	"								
Surrogate: p-Bromofluorobenzene	*9.47*		*ppbv*	*10.0*		*94.7*	*72-118*				

Notes and Definitions

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.
CCV-A	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>30% Difference for average Rf). This applies to dectected analytes only.

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*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

YORK ANALYTICAL LABORATORIES INC

new POBOX #

NEW OWNER for Kingston

Field Chain-of-Custody Record - AIR

Page ____ of ____

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. 16K1174

YOUR Information

Company: Mid-Hudson Geosciences
Address: 1003 Rt 44/55 POBox 32
Clintondale, NY 12515-0032
Phone No. 845 883 5721
Contact Person: Kathie Beinkafner
E-Mail Address: rockdoctor@optonline.net

Report To:

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

Invoice To:

Company: Ulster 734 LLC
Address: 734 Ulster Ave.
Kingston, NY 12401
Phone No. 845 594 1505
Attention: Casey Scanlon
E-Mail Address: casey@scanlons.com

YOUR Project ID

SACK - VES

Purchase Order No.

Samples from: CT ___ NY ✓ 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/Deliverables

- Summary Report ✓
- Summary w/ QA Summary ___
- CT RCP Package ___
- NY ASP A Package ___
- NY ASP B/CLP Pkg ✓
- NJDEP Reduced ___

Electronic Deliverables:

- EDD (Specify Type) NY
- 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.

Katherine J Beinkafner
Samples Collected/Authorized By (Signature)

Katherine J. Beinkafner
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

Additional Notes:

Please enter the following Field Data

Detection Limits Required

- ≤ 1 ug/m³ ✓
- NYSDEC VI Limits ✓ (VI =vapor instrusion)
- NJDEP low level ___
- Routine Survey ___
- Other ___

Special Instructions

Sample Identification	Date Sampled	AIR Matrix	Canister Vacuum Before Sampling (in. Hg)	Canister Vacuum After Sampling (in. Hg)	Canister ID	Flow Cont.ID	ANALYSES REQUESTED	Sampling Media
SACK - NE	11/29/16 1136am	AS	-28	-6	18315	7363		6 Liter canister ✓ Tedlar Bag ___
SACK - BD	11/29/16 1136am	AS	-27	-6.5	17384	3541		6 Liter canister ___ Tedlar Bag ___
SACK - WW	11/29/16 1158am	AS	-28	-10	17346	3539		6 Liter canister ✓ Tedlar Bag ___
SACK - ~~BB~~ NW	11/29/16 11:49am	AS	-27	-8	18301	Y15		6 Liter canister ✓ Tedlar Bag ___
								6 Liter canister ___ Tedlar Bag ___
								6 Liter canister ___ Tedlar Bag ___
								6 Liter canister ___ Tedlar Bag ___

Comments PCE = chemical of concern
all sample taken for 1 hour

Katherine J Beinkafner 11/30/16 10:00AM
Samples Relinquished By Date/Time

Samples Relinquished By 12/1/16 7:48
Date/Time

Chris C 11-30-16 11:25
Samples Received By Date/Time

TC Fahlen 11/30/16 1542
Samples Received in LAB by Date/Time

12/1/16 748

Technical Report

prepared for:

Mid-Hudson Geosciences
1003 NY Route 44/55, P.O.Box 332
Clintondale NY, 12515-0332
Attention: Katherine Beinkafner

Report Date: 04/20/2017
Client Project ID: SACK-GW-West
York Project (SDG) No.: 17D0415

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 04/20/2017
Client Project ID: SACK-GW-West
York Project (SDG) No.: 17D0415

Mid-Hudson Geosciences
1003 NY Route 44/55, P.O.Box 332
Clintondale NY, 12515-0332
Attention: Katherine Beinkafner

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 April 12, 2017 and listed below. The project was identified as your project: **SACK-GW-West**.

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
17D0415-01	MW9	Water	04/11/2017	04/12/2017
17D0415-02	MW16	Water	04/11/2017	04/12/2017
17D0415-03	MW17	Water	04/11/2017	04/12/2017
17D0415-04	MW7	Water	04/11/2017	04/12/2017
17D0415-05	MW7 DUPLICATE	Water	04/11/2017	04/12/2017
17D0415-06	Equip Blank	Water	04/11/2017	04/12/2017
17D0415-07	Trip Blank	Water	04/11/2017	04/12/2017

General Notes for York Project (SDG) No.: 17D0415

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.
9. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By: 

Date: 04/20/2017

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: MW9 **York Sample ID:** 17D0415-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17D0415	SACK-GW-West	Water	April 11, 2017 11:35 am	04/12/2017

Volatile Organics, 8260 List

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	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 05:15	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 05:15	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 05:15	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 05:15	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 05:15	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 05:15	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 05:15	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 NELAC-NY10854,NJDEP,PADEP	04/18/2017 05:15	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 NELAC-NY10854,NJDEP,PADEP	04/18/2017 05:15	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 NELAC-NY10854,NJDEP,PADEP	04/18/2017 05:15	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 NELAC-NY10854,NJDEP,PADEP	04/18/2017 05:15	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 05:15	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 05:15	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 05:15	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 05:15	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 05:15	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 05:15	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 05:15	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 05:15	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 NELAC-NY10854,NJDEP,PADEP	04/18/2017 05:15	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 05:15	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 NELAC-NY10854,NJDEP,PADEP	04/18/2017 05:15	SS

Sample Information

Client Sample ID: MW9 **York Sample ID:** 17D0415-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17D0415	SACK-GW-West	Water	April 11, 2017 11:35 am	04/12/2017

Volatile Organics, 8260 List

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	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 05:15	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 05:15	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 05:15	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
67-64-1	Acetone	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 05:15	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 05:15	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 05:15	SS NELAC-NY10854,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 05:15	SS NELAC-NY10854,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 05:15	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 05:15	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 05:15	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 05:15	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 05:15	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 05:15	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 05:15	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 05:15	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 05:15	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 05:15	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 05:15	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 05:15	SS NELAC-NY10854,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 05:15	SS NELAC-NY10854,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 05:15	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 05:15	SS NELAC-NY10854,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 05:15	SS CTDOH,NELAC-NY10854,NJDEP,PADEP

Sample Information

Client Sample ID: MW9 **York Sample ID:** 17D0415-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17D0415	SACK-GW-West	Water	April 11, 2017 11:35 am	04/12/2017

Volatile Organics, 8260 List

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
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 05:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 05:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
91-20-3	Naphthalene	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 05:15 NELAC-NY10854,NJDEP,PADEP	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 05:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 05:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 05:15 CTDOH,NELAC-NY10854,PADEP	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 05:15 CTDOH,NELAC-NY10854,PADEP	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 05:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 05:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 05:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 05:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
127-18-4	**Tetrachloroethylene**	**5.1**		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 05:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 05:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 05:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 05:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 05:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 05:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 05:15 NELAC-NY10854,NJDEP	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 05:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 05:15 CTDOH,NELAC-NY10854,NJDEP	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*92.6 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*89.6 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*92.0 %*	*79-122*

Sample Information

Client Sample ID: MW16 **York Sample ID:** 17D0415-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17D0415	SACK-GW-West	Water	April 11, 2017 12:35 am	04/12/2017

Volatile Organics, 8260 List

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	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 05:54	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 05:54	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 05:54	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 05:54	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 05:54	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 05:54	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 05:54	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 05:54	SS NELAC-NY10854,NJDEP,PADEP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 05:54	SS NELAC-NY10854,NJDEP,PADEP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 05:54	SS NELAC-NY10854,NJDEP,PADEP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 05:54	SS NELAC-NY10854,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 05:54	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 05:54	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 05:54	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 05:54	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 05:54	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 05:54	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 05:54	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 05:54	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 05:54	SS NELAC-NY10854,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 05:54	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 05:54	SS NELAC-NY10854,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 05:54	SS CTDOH,NELAC-NY10854,NJDEP,PADEP

Sample Information

Client Sample ID: MW16 **York Sample ID:** 17D0415-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17D0415	SACK-GW-West	Water	April 11, 2017 12:35 am	04/12/2017

Volatile Organics, 8260 List

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
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 05:54	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 05:54	SS
67-64-1	Acetone	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 05:54	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 05:54	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 NELAC-NY10854,NJDEP,PADEP	04/18/2017 05:54	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 NELAC-NY10854,NJDEP,PADEP	04/18/2017 05:54	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 05:54	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 05:54	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 05:54	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 05:54	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 05:54	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 05:54	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 05:54	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 05:54	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 05:54	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 05:54	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 05:54	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 NELAC-NY10854,NJDEP,PADEP	04/18/2017 05:54	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 NELAC-NY10854,NJDEP,PADEP	04/18/2017 05:54	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 05:54	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 NELAC-NY10854,NJDEP,PADEP	04/18/2017 05:54	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 05:54	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 05:54	SS

Sample Information

Client Sample ID: MW16 **York Sample ID:** 17D0415-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17D0415	SACK-GW-West	Water	April 11, 2017 12:35 am	04/12/2017

Volatile Organics, 8260 List

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
75-09-2	Methylene chloride	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 05:54	SS
91-20-3	Naphthalene	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	04/17/2017 17:31 NELAC-NY10854,NJDEP,PADEP	04/18/2017 05:54	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 05:54	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 05:54	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,PADEP	04/18/2017 05:54	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,PADEP	04/18/2017 05:54	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 05:54	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 05:54	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 05:54	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 05:54	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 05:54	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 05:54	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 05:54	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 05:54	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 05:54	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 05:54	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 NELAC-NY10854,NJDEP	04/18/2017 05:54	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 05:54	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP	04/18/2017 05:54	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*103 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*90.5 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*93.5 %*	*79-122*

Sample Information

Client Sample ID: MW17 **York Sample ID:** 17D0415-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17D0415	SACK-GW-West	Water	April 11, 2017 1:57 pm	04/12/2017

Volatile Organics, 8260 List

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	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 06:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 06:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 06:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 06:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 06:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 06:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 06:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 06:34 NELAC-NY10854,NJDEP,PADEP	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 06:34 NELAC-NY10854,NJDEP,PADEP	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 06:34 NELAC-NY10854,NJDEP,PADEP	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 06:34 NELAC-NY10854,NJDEP,PADEP	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 06:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 06:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 06:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 06:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 06:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 06:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 06:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 06:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 06:34 NELAC-NY10854,NJDEP,PADEP	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 06:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 06:34 NELAC-NY10854,NJDEP,PADEP	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 06:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS

Sample Information

Client Sample ID: MW17 **York Sample ID:** 17D0415-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17D0415	SACK-GW-West	Water	April 11, 2017 1:57 pm	04/12/2017

Volatile Organics, 8260 List

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
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 06:34	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 06:34	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
67-64-1	Acetone	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 06:34	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 06:34	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 06:34	SS NELAC-NY10854,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 06:34	SS NELAC-NY10854,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 06:34	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 06:34	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 06:34	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 06:34	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 06:34	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 06:34	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 06:34	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 06:34	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 06:34	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 06:34	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 06:34	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 06:34	SS NELAC-NY10854,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 06:34	SS NELAC-NY10854,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 06:34	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 06:34	SS NELAC-NY10854,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 06:34	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 06:34	SS CTDOH,NELAC-NY10854,NJDEP,PADEP

Sample Information

Client Sample ID: MW17 **York Sample ID:** 17D0415-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17D0415	SACK-GW-West	Water	April 11, 2017 1:57 pm	04/12/2017

Volatile Organics, 8260 List

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
75-09-2	Methylene chloride	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 06:34	SS
91-20-3	Naphthalene	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	04/17/2017 17:31 NELAC-NY10854,NJDEP,PADEP	04/18/2017 06:34	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 06:34	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 06:34	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,PADEP	04/18/2017 06:34	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,PADEP	04/18/2017 06:34	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 06:34	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 06:34	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 06:34	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 06:34	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 06:34	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 06:34	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 06:34	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 06:34	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 06:34	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 06:34	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 NELAC-NY10854,NJDEP	04/18/2017 06:34	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 06:34	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP	04/18/2017 06:34	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*99.1 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*88.3 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*90.9 %*	*79-122*

Sample Information

Client Sample ID: MW7 **York Sample ID:** 17D0415-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17D0415	SACK-GW-West	Water	April 11, 2017 3:25 pm	04/12/2017

Volatile Organics, 8260 List

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	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 07:14 NELAC-NY10854,NJDEP,PADEP	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 07:14 NELAC-NY10854,NJDEP,PADEP	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 07:14 NELAC-NY10854,NJDEP,PADEP	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 07:14 NELAC-NY10854,NJDEP,PADEP	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 07:14 NELAC-NY10854,NJDEP,PADEP	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 07:14 NELAC-NY10854,NJDEP,PADEP	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS

Sample Information

Client Sample ID: MW7 **York Sample ID:** 17D0415-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17D0415	SACK-GW-West	Water	April 11, 2017 3:25 pm	04/12/2017

Volatile Organics, 8260 List

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
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 07:14	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 07:14	SS
67-64-1	Acetone	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 07:14	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 07:14	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 NELAC-NY10854,NJDEP,PADEP	04/18/2017 07:14	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 NELAC-NY10854,NJDEP,PADEP	04/18/2017 07:14	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 07:14	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 07:14	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 07:14	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 07:14	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 07:14	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 07:14	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 07:14	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 07:14	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 07:14	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 07:14	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 07:14	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 NELAC-NY10854,NJDEP,PADEP	04/18/2017 07:14	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 NELAC-NY10854,NJDEP,PADEP	04/18/2017 07:14	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 07:14	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 NELAC-NY10854,NJDEP,PADEP	04/18/2017 07:14	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 07:14	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 07:14	SS

Sample Information

Client Sample ID: MW7 **York Sample ID:** 17D0415-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17D0415	SACK-GW-West	Water	April 11, 2017 3:25 pm	04/12/2017

Volatile Organics, 8260 List

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
75-09-2	Methylene chloride	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 07:14	SS
91-20-3	Naphthalene	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	04/17/2017 17:31 NELAC-NY10854,NJDEP,PADEP	04/18/2017 07:14	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 07:14	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 07:14	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,PADEP	04/18/2017 07:14	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,PADEP	04/18/2017 07:14	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 07:14	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 07:14	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 07:14	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 07:14	SS
127-18-4	**Tetrachloroethylene**	**17**	CCV-E	ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 07:14	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 07:14	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 07:14	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 07:14	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 07:14	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 07:14	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 NELAC-NY10854,NJDEP	04/18/2017 07:14	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 07:14	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP	04/18/2017 07:14	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*97.7 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*88.2 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*89.5 %*	*79-122*

Sample Information

Client Sample ID: MW7 DUPLICATE **York Sample ID:** 17D0415-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17D0415	SACK-GW-West	Water	April 11, 2017 3:30 pm	04/12/2017

Volatile Organics, 8260 List

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	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 07:54	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 07:54	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 07:54	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 07:54	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 07:54	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 07:54	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 07:54	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 07:54	SS NELAC-NY10854,NJDEP,PADEP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 07:54	SS NELAC-NY10854,NJDEP,PADEP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 07:54	SS NELAC-NY10854,NJDEP,PADEP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 07:54	SS NELAC-NY10854,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 07:54	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 07:54	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 07:54	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 07:54	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 07:54	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 07:54	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 07:54	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 07:54	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 07:54	SS NELAC-NY10854,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 07:54	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 07:54	SS NELAC-NY10854,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31	04/18/2017 07:54	SS CTDOH,NELAC-NY10854,NJDEP,PADEP

Sample Information

Client Sample ID: MW7 DUPLICATE **York Sample ID:** 17D0415-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17D0415	SACK-GW-West	Water	April 11, 2017 3:30 pm	04/12/2017

Volatile Organics, 8260 List

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
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 07:54	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 07:54	SS
67-64-1	Acetone	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 07:54	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 07:54	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 NELAC-NY10854,NJDEP,PADEP	04/18/2017 07:54	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 NELAC-NY10854,NJDEP,PADEP	04/18/2017 07:54	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 07:54	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 07:54	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 07:54	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 07:54	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 07:54	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 07:54	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 07:54	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 07:54	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 07:54	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 07:54	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 07:54	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 NELAC-NY10854,NJDEP,PADEP	04/18/2017 07:54	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 NELAC-NY10854,NJDEP,PADEP	04/18/2017 07:54	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 07:54	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 NELAC-NY10854,NJDEP,PADEP	04/18/2017 07:54	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 07:54	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 07:54	SS

Sample Information

Client Sample ID: MW7 DUPLICATE **York Sample ID:** 17D0415-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17D0415	SACK-GW-West	Water	April 11, 2017 3:30 pm	04/12/2017

Volatile Organics, 8260 List

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
75-09-2	Methylene chloride	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 07:54	SS
91-20-3	Naphthalene	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	04/17/2017 17:31 NELAC-NY10854,NJDEP,PADEP	04/18/2017 07:54	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 07:54	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 07:54	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,PADEP	04/18/2017 07:54	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,PADEP	04/18/2017 07:54	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 07:54	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 07:54	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 07:54	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 07:54	SS
127-18-4	**Tetrachloroethylene**	**29**	CCV-E	ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 07:54	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 07:54	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 07:54	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 07:54	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 07:54	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 07:54	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 NELAC-NY10854,NJDEP	04/18/2017 07:54	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 07:54	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C Certifications:	04/17/2017 17:31 CTDOH,NELAC-NY10854,NJDEP	04/18/2017 07:54	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*90.1 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*89.1 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*95.5 %*	*79-122*

Sample Information

Client Sample ID: **Equip Blank** **York Sample ID:** **17D0415-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17D0415	SACK-GW-West	Water	April 11, 2017 7:00 am	04/12/2017

Volatile Organics, 8260 List

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	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:18	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:18	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:18	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:18	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:18	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:18	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:18	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:18	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:18	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:18	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:18	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:18	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:18	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:18	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:18	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:18	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:18	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:18	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:18	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:18	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:18	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:18	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:18	SS

Sample Information

Client Sample ID: **Equip Blank** **York Sample ID:** **17D0415-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17D0415	SACK-GW-West	Water	April 11, 2017 7:00 am	04/12/2017

Volatile Organics, 8260 List

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
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:18	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:18	SS
67-64-1	Acetone	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:18	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:18	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:18	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:18	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:18	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:18	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:18	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:18	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:18	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:18	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:18	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:18	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:18	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:18	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:18	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:18	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:18	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:18	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:18	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:18	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:18	SS

Sample Information

Client Sample ID: **Equip Blank** **York Sample ID:** **17D0415-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17D0415	SACK-GW-West	Water	April 11, 2017 7:00 am	04/12/2017

Volatile Organics, 8260 List

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
75-09-2	Methylene chloride	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:18	SS
91-20-3	Naphthalene	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	04/18/2017 07:25 NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:18	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:18	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:18	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,PADEP	04/18/2017 17:18	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,PADEP	04/18/2017 17:18	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:18	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:18	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:18	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:18	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:18	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:18	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:18	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:18	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:18	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:18	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 NELAC-NY10854,NJDEP	04/18/2017 17:18	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:18	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP	04/18/2017 17:18	SS

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*102 %*		*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*		*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*127 %*	S-08	*79-122*

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **17D0415-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17D0415	SACK-GW-West	Water	April 11, 2017 7:00 am	04/12/2017

Volatile Organics, 8260 List

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	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:44	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:44	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:44	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:44	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:44	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:44	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:44	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:44	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:44	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:44	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:44	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:44	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:44	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:44	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:44	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:44	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:44	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:44	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:44	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:44	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:44	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:44	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:44	SS

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **17D0415-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17D0415	SACK-GW-West	Water	April 11, 2017 7:00 am	04/12/2017

Volatile Organics, 8260 List

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
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:44	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:44	SS
67-64-1	**Acetone**	**8.5**	SCAL-E, J	ug/L	5.0	10	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:44	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:44	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:44	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:44	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:44	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:44	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:44	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:44	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:44	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:44	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:44	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:44	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:44	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:44	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:44	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:44	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:44	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:44	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:44	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:44	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:44	SS

Sample Information

Client Sample ID: Trip Blank

York Sample ID: 17D0415-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17D0415	SACK-GW-West	Water	April 11, 2017 7:00 am	04/12/2017

Volatile Organics, 8260 List

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
75-09-2	Methylene chloride	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:44	SS
91-20-3	Naphthalene	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	04/18/2017 07:25 NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:44	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:44	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:44	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,PADEP	04/18/2017 17:44	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,PADEP	04/18/2017 17:44	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:44	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:44	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:44	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:44	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:44	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:44	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:44	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:44	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:44	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:44	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 NELAC-NY10854,NJDEP	04/18/2017 17:44	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/18/2017 17:44	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C Certifications:	04/18/2017 07:25 CTDOH,NELAC-NY10854,NJDEP	04/18/2017 17:44	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*105 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*121 %*	*79-122*

Analytical Batch Summary

Batch ID: BD70742 **Preparation Method:** EPA 5030B **Prepared By:** RDS

YORK Sample ID	Client Sample ID	Preparation Date
17D0415-01	MW9	04/17/17
17D0415-02	MW16	04/17/17
17D0415-03	MW17	04/17/17
17D0415-04	MW7	04/17/17
17D0415-05	MW7 DUPLICATE	04/17/17
BD70742-BLK1	Blank	04/17/17
BD70742-BS1	LCS	04/17/17
BD70742-BSD1	LCS Dup	04/17/17

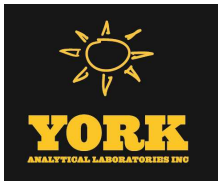
Batch ID: BD70777 **Preparation Method:** EPA 5030B **Prepared By:** RDS

YORK Sample ID	Client Sample ID	Preparation Date
17D0415-06	Equip Blank	04/18/17
17D0415-07	Trip Blank	04/18/17
BD70777-BLK1	Blank	04/18/17
BD70777-BS1	LCS	04/18/17
BD70777-BSD1	LCS Dup	04/18/17

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 BD70742 - EPA 5030B											
Blank (BD70742-BLK1)											
Prepared: 04/17/2017 Analyzed: 04/18/2017											
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	2.7	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	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

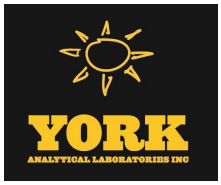
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD70742 - EPA 5030B											
Blank (BD70742-BLK1)											Prepared: 04/17/2017 Analyzed: 04/18/2017
o-Xylene	ND	5.0	ug/L								
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 acetate	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: 1,2-Dichloroethane-d4	*9.55*		*"*	*10.0*		*95.5*	*69-130*				
Surrogate: Toluene-d8	*9.23*		*"*	*10.0*		*92.3*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.27*		*"*	*10.0*		*92.7*	*79-122*				
LCS (BD70742-BS1)											Prepared & Analyzed: 04/17/2017
1,1,1,2-Tetrachloroethane	10.2		ug/L	10.0		102	70-132				
1,1,1-Trichloroethane	12.0		"	10.0		120	68-138				
1,1,2,2-Tetrachloroethane	8.91		"	10.0		89.1	73-132				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.5		"	10.0		115	67-136				
1,1,2-Trichloroethane	9.40		"	10.0		94.0	79-125				
1,1-Dichloroethane	11.4		"	10.0		114	78-128				
1,1-Dichloroethylene	11.6		"	10.0		116	68-134				
1,1-Dichloropropylene	11.8		"	10.0		118	74-130				
1,2,3-Trichlorobenzene	12.9		"	10.0		129	77-140				
1,2,3-Trichloropropane	9.34		"	10.0		93.4	79-127				
1,2,4-Trichlorobenzene	12.1		"	10.0		121	75-141				
1,2,4-Trimethylbenzene	10.0		"	10.0		100	78-127				
1,2-Dibromo-3-chloropropane	8.84		"	10.0		88.4	60-150				
1,2-Dibromoethane	9.26		"	10.0		92.6	86-123				
1,2-Dichlorobenzene	9.61		"	10.0		96.1	79-125				
1,2-Dichloroethane	10.2		"	10.0		102	69-133				
1,2-Dichloropropane	9.77		"	10.0		97.7	76-124				
1,3,5-Trimethylbenzene	10.3		"	10.0		103	78-128				
1,3-Dichlorobenzene	9.64		"	10.0		96.4	81-124				
1,3-Dichloropropane	9.65		"	10.0		96.5	79-125				
1,4-Dichlorobenzene	9.79		"	10.0		97.9	82-124				
2,2-Dichloropropane	9.74		"	10.0		97.4	61-139				
2-Butanone	9.35		"	10.0		93.5	44-169				
2-Chlorotoluene	10.2		"	10.0		102	74-130				
4-Chlorotoluene	10.0		"	10.0		100	75-127				
Acetone	6.84		"	10.0		68.4	29-163				
Benzene	11.5		"	10.0		115	72-134				
Bromobenzene	9.44		"	10.0		94.4	74-129				
Bromochloromethane	10.3		"	10.0		103	69-134				
Bromodichloromethane	10.5		"	10.0		105	76-127				
Bromoform	8.85		"	10.0		88.5	77-137				

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 BD70742 - EPA 5030B											
LCS (BD70742-BS1)								Prepared & Analyzed: 04/17/2017			
Bromomethane	8.05		ug/L	10.0		80.5	50-156				
Carbon tetrachloride	12.1		"	10.0		121	62-145				
Chlorobenzene	9.96		"	10.0		99.6	85-119				
Chloroethane	8.69		"	10.0		86.9	49-143				
Chloroform	11.2		"	10.0		112	74-131				
Chloromethane	9.29		"	10.0		92.9	43-134				
cis-1,2-Dichloroethylene	11.0		"	10.0		110	73-134				
cis-1,3-Dichloropropylene	10.2		"	10.0		102	77-128				
Dibromochloromethane	10.1		"	10.0		101	79-130				
Dibromomethane	9.18		"	10.0		91.8	78-128				
Dichlorodifluoromethane	7.44		"	10.0		74.4	38-139				
Ethyl Benzene	10.3		"	10.0		103	80-129				
Hexachlorobutadiene	12.6		"	10.0		126	72-141				
Isopropylbenzene	10.6		"	10.0		106	76-128				
Methyl tert-butyl ether (MTBE)	10.6		"	10.0		106	64-142				
Methylene chloride	10.0		"	10.0		100	56-142				
Naphthalene	13.1		"	10.0		131	79-144				
n-Butylbenzene	9.98		"	10.0		99.8	74-132				
n-Propylbenzene	10.2		"	10.0		102	72-135				
o-Xylene	10.3		"	10.0		103	81-123				
p- & m- Xylenes	20.4		"	20.0		102	79-130				
p-Isopropyltoluene	10.4		"	10.0		104	80-127				
sec-Butylbenzene	10.2		"	10.0		102	78-127				
Styrene	10.2		"	10.0		102	82-124				
tert-Butylbenzene	8.93		"	10.0		89.3	75-131				
Tetrachloroethylene	14.7		"	10.0		147	78-133	High Bias			
Toluene	10.2		"	10.0		102	83-122				
trans-1,2-Dichloroethylene	11.5		"	10.0		115	59-145				
trans-1,3-Dichloropropylene	9.84		"	10.0		98.4	74-131				
Trichloroethylene	10.8		"	10.0		108	81-125				
Trichlorofluoromethane	10.2		"	10.0		102	61-144				
Vinyl acetate	9.91		"	10.0		99.1	32-165				
Vinyl Chloride	9.30		"	10.0		93.0	42-136				
Surrogate: 1,2-Dichloroethane-d4	*9.01*		*"*	*10.0*		*90.1*	*69-130*				
Surrogate: Toluene-d8	*9.58*		*"*	*10.0*		*95.8*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*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 BD70742 - EPA 5030B											
LCS Dup (BD70742-BSD1)								Prepared: 04/17/2017 Analyzed: 04/18/2017			
1,1,1,2-Tetrachloroethane	10.0		ug/L	10.0		100	70-132		1.78	30	
1,1,1-Trichloroethane	12.5		"	10.0		125	68-138		3.83	30	
1,1,2,2-Tetrachloroethane	8.39		"	10.0		83.9	73-132		6.01	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.4		"	10.0		114	67-136		0.0873	30	
1,1,2-Trichloroethane	9.60		"	10.0		96.0	79-125		2.11	30	
1,1-Dichloroethane	11.8		"	10.0		118	78-128		4.31	30	
1,1-Dichloroethylene	11.6		"	10.0		116	68-134		0.516	30	
1,1-Dichloropropylene	12.6		"	10.0		126	74-130		7.22	30	
1,2,3-Trichlorobenzene	15.8		"	10.0		158	77-140	High Bias	20.4	30	
1,2,3-Trichloropropane	8.86		"	10.0		88.6	79-127		5.27	30	
1,2,4-Trichlorobenzene	12.4		"	10.0		124	75-141		2.54	30	
1,2,4-Trimethylbenzene	9.91		"	10.0		99.1	78-127		1.00	30	
1,2-Dibromo-3-chloropropane	7.97		"	10.0		79.7	60-150		10.4	30	
1,2-Dibromoethane	9.41		"	10.0		94.1	86-123		1.61	30	
1,2-Dichlorobenzene	9.61		"	10.0		96.1	79-125		0.00	30	
1,2-Dichloroethane	10.6		"	10.0		106	69-133		3.57	30	
1,2-Dichloropropane	9.89		"	10.0		98.9	76-124		1.22	30	
1,3,5-Trimethylbenzene	10.1		"	10.0		101	78-128		1.96	30	
1,3-Dichlorobenzene	9.40		"	10.0		94.0	81-124		2.52	30	
1,3-Dichloropropane	9.26		"	10.0		92.6	79-125		4.12	30	
1,4-Dichlorobenzene	9.65		"	10.0		96.5	82-124		1.44	30	
2,2-Dichloropropane	9.65		"	10.0		96.5	61-139		0.928	30	
2-Butanone	10.6		"	10.0		106	44-169		12.6	30	
2-Chlorotoluene	9.65		"	10.0		96.5	74-130		5.25	30	
4-Chlorotoluene	9.64		"	10.0		96.4	75-127		3.67	30	
Acetone	8.83		"	10.0		88.3	29-163		25.4	30	
Benzene	12.0		"	10.0		120	72-134		3.99	30	
Bromobenzene	9.25		"	10.0		92.5	74-129		2.03	30	
Bromochloromethane	11.0		"	10.0		110	69-134		6.56	30	
Bromodichloromethane	10.1		"	10.0		101	76-127		3.99	30	
Bromoform	9.32		"	10.0		93.2	77-137		5.17	30	
Bromomethane	9.02		"	10.0		90.2	50-156		11.4	30	
Carbon tetrachloride	12.6		"	10.0		126	62-145		4.13	30	
Chlorobenzene	10.1		"	10.0		101	85-119		1.49	30	
Chloroethane	9.66		"	10.0		96.6	49-143		10.6	30	
Chloroform	11.8		"	10.0		118	74-131		4.61	30	
Chloromethane	10.1		"	10.0		101	43-134		8.45	30	
cis-1,2-Dichloroethylene	11.7		"	10.0		117	73-134		6.52	30	
cis-1,3-Dichloropropylene	9.74		"	10.0		97.4	77-128		4.12	30	
Dibromochloromethane	9.52		"	10.0		95.2	79-130		6.11	30	
Dibromomethane	9.21		"	10.0		92.1	78-128		0.326	30	
Dichlorodifluoromethane	7.80		"	10.0		78.0	38-139		4.72	30	
Ethyl Benzene	10.5		"	10.0		105	80-129		2.12	30	
Hexachlorobutadiene	11.9		"	10.0		119	72-141		5.88	30	
Isopropylbenzene	10.3		"	10.0		103	76-128		3.26	30	
Methyl tert-butyl ether (MTBE)	11.1		"	10.0		111	64-142		4.78	30	
Methylene chloride	10.1		"	10.0		101	56-142		1.09	30	
Naphthalene	14.4		"	10.0		144	79-144		9.80	30	
n-Butylbenzene	9.59		"	10.0		95.9	74-132		3.99	30	
n-Propylbenzene	9.98		"	10.0		99.8	72-135		2.28	30	
o-Xylene	10.2		"	10.0		102	81-123		0.292	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 BD70742 - EPA 5030B											
LCS Dup (BD70742-BSD1)									Prepared: 04/17/2017 Analyzed: 04/18/2017		
p- & m- Xylenes	20.4		ug/L	20.0		102	79-130		0.0491	30	
p-Isopropyltoluene	9.97		"	10.0		99.7	80-127		4.41	30	
sec-Butylbenzene	10.1		"	10.0		101	78-127		1.67	30	
Styrene	10.4		"	10.0		104	82-124		1.64	30	
tert-Butylbenzene	8.41		"	10.0		84.1	75-131		6.00	30	
Tetrachloroethylene	17.0		"	10.0		170	78-133	High Bias	14.4	30	
Toluene	10.2		"	10.0		102	83-122		0.0976	30	
trans-1,2-Dichloroethylene	12.0		"	10.0		120	59-145		4.43	30	
trans-1,3-Dichloropropylene	9.56		"	10.0		95.6	74-131		2.89	30	
Trichloroethylene	10.5		"	10.0		105	81-125		2.81	30	
Trichlorofluoromethane	10.9		"	10.0		109	61-144		6.92	30	
Vinyl acetate	9.71		"	10.0		97.1	32-165		2.04	30	
Vinyl Chloride	9.70		"	10.0		97.0	42-136		4.21	30	
Surrogate: 1,2-Dichloroethane-d4	*9.54*		*"*	*10.0*		*95.4*	*69-130*				
Surrogate: Toluene-d8	*9.44*		*"*	*10.0*		*94.4*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*79-122*				
Batch BD70777 - EPA 5030B											
Blank (BD70777-BLK1)									Prepared & Analyzed: 04/18/2017		
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	8.0	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	3.2	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	10	"								
Benzene	ND	5.0	"								
Bromobenzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	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 BD70777 - EPA 5030B											
Blank (BD70777-BLK1)											
Prepared & Analyzed: 04/18/2017											
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	10	"								
Naphthalene	6.6	10	"								
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 acetate	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: 1,2-Dichloroethane-d4	*10.6*		*"*	*10.0*		*106*	*69-130*				
Surrogate: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*81-117*				
Surrogate: p-Bromofluorobenzene	*12.0*		*"*	*10.0*		*120*	*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 BD70777 - EPA 5030B											
LCS (BD70777-BS1)								Prepared & Analyzed: 04/18/2017			
1,1,1,2-Tetrachloroethane	8.54		ug/L	10.0		85.4	70-132				
1,1,1-Trichloroethane	10.0		"	10.0		100	68-138				
1,1,2,2-Tetrachloroethane	10.5		"	10.0		105	73-132				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.6		"	10.0		106	67-136				
1,1,2-Trichloroethane	9.32		"	10.0		93.2	79-125				
1,1-Dichloroethane	10.1		"	10.0		101	78-128				
1,1-Dichloroethylene	10.8		"	10.0		108	68-134				
1,1-Dichloropropylene	9.91		"	10.0		99.1	74-130				
1,2,3-Trichlorobenzene	13.7		"	10.0		137	77-140				
1,2,3-Trichloropropane	9.86		"	10.0		98.6	79-127				
1,2,4-Trichlorobenzene	11.2		"	10.0		112	75-141				
1,2,4-Trimethylbenzene	10.1		"	10.0		101	78-127				
1,2-Dibromo-3-chloropropane	10.1		"	10.0		101	60-150				
1,2-Dibromoethane	9.45		"	10.0		94.5	86-123				
1,2-Dichlorobenzene	9.96		"	10.0		99.6	79-125				
1,2-Dichloroethane	10.0		"	10.0		100	69-133				
1,2-Dichloropropane	10.4		"	10.0		104	76-124				
1,3,5-Trimethylbenzene	10.7		"	10.0		107	78-128				
1,3-Dichlorobenzene	9.28		"	10.0		92.8	81-124				
1,3-Dichloropropane	10.2		"	10.0		102	79-125				
1,4-Dichlorobenzene	9.85		"	10.0		98.5	82-124				
2,2-Dichloropropane	9.70		"	10.0		97.0	61-139				
2-Butanone	7.86		"	10.0		78.6	44-169				
2-Chlorotoluene	10.4		"	10.0		104	74-130				
4-Chlorotoluene	11.0		"	10.0		110	75-127				
Acetone	9.51		"	10.0		95.1	29-163				
Benzene	9.79		"	10.0		97.9	72-134				
Bromobenzene	10.8		"	10.0		108	74-129				
Bromochloromethane	10.5		"	10.0		105	69-134				
Bromodichloromethane	10.3		"	10.0		103	76-127				
Bromoform	8.85		"	10.0		88.5	77-137				
Bromomethane	4.43		"	10.0		44.3	50-156	Low Bias			
Carbon tetrachloride	9.52		"	10.0		95.2	62-145				
Chlorobenzene	9.55		"	10.0		95.5	85-119				
Chloroethane	10.7		"	10.0		107	49-143				
Chloroform	9.78		"	10.0		97.8	74-131				
Chloromethane	8.44		"	10.0		84.4	43-134				
cis-1,2-Dichloroethylene	10.2		"	10.0		102	73-134				
cis-1,3-Dichloropropylene	10.2		"	10.0		102	77-128				
Dibromochloromethane	9.18		"	10.0		91.8	79-130				
Dibromomethane	10.0		"	10.0		100	78-128				
Dichlorodifluoromethane	11.0		"	10.0		110	38-139				
Ethyl Benzene	9.56		"	10.0		95.6	80-129				
Hexachlorobutadiene	10.1		"	10.0		101	72-141				
Isopropylbenzene	11.3		"	10.0		113	76-128				
Methyl tert-butyl ether (MTBE)	10.0		"	10.0		100	64-142				
Methylene chloride	10.2		"	10.0		102	56-142				
Naphthalene	14.0		"	10.0		140	79-144				
n-Butylbenzene	11.1		"	10.0		111	74-132				
n-Propylbenzene	11.3		"	10.0		113	72-135				
o-Xylene	9.41		"	10.0		94.1	81-123				

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 BD70777 - EPA 5030B											
LCS (BD70777-BS1)								Prepared & Analyzed: 04/18/2017			
p- & m- Xylenes	19.7		ug/L	20.0		98.4	79-130				
p-Isopropyltoluene	9.97		"	10.0		99.7	80-127				
sec-Butylbenzene	11.1		"	10.0		111	78-127				
Styrene	9.03		"	10.0		90.3	82-124				
tert-Butylbenzene	10.6		"	10.0		106	75-131				
Tetrachloroethylene	9.33		"	10.0		93.3	78-133				
Toluene	9.71		"	10.0		97.1	83-122				
trans-1,2-Dichloroethylene	10.2		"	10.0		102	59-145				
trans-1,3-Dichloropropylene	10.1		"	10.0		101	74-131				
Trichloroethylene	9.83		"	10.0		98.3	81-125				
Trichlorofluoromethane	11.0		"	10.0		110	61-144				
Vinyl acetate	10.5		"	10.0		105	32-165				
Vinyl Chloride	10.2		"	10.0		102	42-136				
Surrogate: 1,2-Dichloroethane-d4	*10.0*		*"*	*10.0*		*100*	*69-130*				
Surrogate: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81-117*				
Surrogate: p-Bromofluorobenzene	*11.8*		*"*	*10.0*		*118*	*79-122*				
LCS Dup (BD70777-BSD1)								Prepared & Analyzed: 04/18/2017			
1,1,1,2-Tetrachloroethane	8.57		ug/L	10.0		85.7	70-132		0.351	30	
1,1,1-Trichloroethane	10.3		"	10.0		103	68-138		2.85	30	
1,1,2,2-Tetrachloroethane	10.8		"	10.0		108	73-132		2.53	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.0		"	10.0		110	67-136		4.54	30	
1,1,2-Trichloroethane	9.63		"	10.0		96.3	79-125		3.27	30	
1,1-Dichloroethane	10.2		"	10.0		102	78-128		1.28	30	
1,1-Dichloroethylene	10.8		"	10.0		108	68-134		0.370	30	
1,1-Dichloropropylene	10.5		"	10.0		105	74-130		5.50	30	
1,2,3-Trichlorobenzene	14.6		"	10.0		146	77-140	High Bias	6.52	30	
1,2,3-Trichloropropane	10.6		"	10.0		106	79-127		7.05	30	
1,2,4-Trichlorobenzene	10.6		"	10.0		106	75-141		5.77	30	
1,2,4-Trimethylbenzene	10.5		"	10.0		105	78-127		3.88	30	
1,2-Dibromo-3-chloropropane	10.4		"	10.0		104	60-150		2.73	30	
1,2-Dibromoethane	9.69		"	10.0		96.9	86-123		2.51	30	
1,2-Dichlorobenzene	9.94		"	10.0		99.4	79-125		0.201	30	
1,2-Dichloroethane	9.93		"	10.0		99.3	69-133		0.902	30	
1,2-Dichloropropane	10.5		"	10.0		105	76-124		1.63	30	
1,3,5-Trimethylbenzene	11.3		"	10.0		113	78-128		6.18	30	
1,3-Dichlorobenzene	9.75		"	10.0		97.5	81-124		4.94	30	
1,3-Dichloropropane	10.3		"	10.0		103	79-125		0.391	30	
1,4-Dichlorobenzene	10.2		"	10.0		102	82-124		3.39	30	
2,2-Dichloropropane	9.92		"	10.0		99.2	61-139		2.24	30	
2-Butanone	8.86		"	10.0		88.6	44-169		12.0	30	
2-Chlorotoluene	10.9		"	10.0		109	74-130		4.88	30	
4-Chlorotoluene	11.5		"	10.0		115	75-127		4.98	30	
Acetone	9.33		"	10.0		93.3	29-163		1.91	30	
Benzene	10.1		"	10.0		101	72-134		2.92	30	
Bromobenzene	11.4		"	10.0		114	74-129		5.15	30	
Bromochloromethane	10.5		"	10.0		105	69-134		0.285	30	
Bromodichloromethane	10.3		"	10.0		103	76-127		0.0969	30	
Bromoform	8.50		"	10.0		85.0	77-137		4.03	30	
Bromomethane	5.49		"	10.0		54.9	50-156		21.4	30	
Carbon tetrachloride	10.0		"	10.0		100	62-145		4.92	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 BD70777 - EPA 5030B											
LCS Dup (BD70777-BSD1)								Prepared & Analyzed: 04/18/2017			
Chlorobenzene	9.72		ug/L	10.0		97.2	85-119		1.76	30	
Chloroethane	10.6		"	10.0		106	49-143		1.13	30	
Chloroform	10.1		"	10.0		101	74-131		2.82	30	
Chloromethane	8.51		"	10.0		85.1	43-134		0.826	30	
cis-1,2-Dichloroethylene	10.2		"	10.0		102	73-134		0.00	30	
cis-1,3-Dichloropropylene	10.2		"	10.0		102	77-128		0.0981	30	
Dibromochloromethane	8.70		"	10.0		87.0	79-130		5.37	30	
Dibromomethane	10.0		"	10.0		100	78-128		0.299	30	
Dichlorodifluoromethane	11.6		"	10.0		116	38-139		5.57	30	
Ethyl Benzene	9.86		"	10.0		98.6	80-129		3.09	30	
Hexachlorobutadiene	10.4		"	10.0		104	72-141		2.54	30	
Isopropylbenzene	11.8		"	10.0		118	76-128		4.59	30	
Methyl tert-butyl ether (MTBE)	9.92		"	10.0		99.2	64-142		1.20	30	
Methylene chloride	10.2		"	10.0		102	56-142		0.0979	30	
Naphthalene	13.0		"	10.0		130	79-144		7.55	30	
n-Butylbenzene	11.5		"	10.0		115	74-132		3.62	30	
n-Propylbenzene	11.9		"	10.0		119	72-135		4.92	30	
o-Xylene	9.63		"	10.0		96.3	81-123		2.31	30	
p- & m- Xylenes	20.1		"	20.0		101	79-130		2.31	30	
p-Isopropyltoluene	10.4		"	10.0		104	80-127		4.51	30	
sec-Butylbenzene	11.6		"	10.0		116	78-127		4.75	30	
Styrene	9.05		"	10.0		90.5	82-124		0.221	30	
tert-Butylbenzene	11.1		"	10.0		111	75-131		4.51	30	
Tetrachloroethylene	9.75		"	10.0		97.5	78-133		4.40	30	
Toluene	10.1		"	10.0		101	83-122		3.74	30	
trans-1,2-Dichloroethylene	10.6		"	10.0		106	59-145		3.95	30	
trans-1,3-Dichloropropylene	10.4		"	10.0		104	74-131		2.34	30	
Trichloroethylene	10.2		"	10.0		102	81-125		4.18	30	
Trichlorofluoromethane	11.5		"	10.0		115	61-144		4.80	30	
Vinyl acetate	10.3		"	10.0		103	32-165		2.21	30	
Vinyl Chloride	10.3		"	10.0		103	42-136		1.27	30	
Surrogate: 1,2-Dichloroethane-d4	*9.77*		*"*	*10.0*		*97.7*	*69-130*				
Surrogate: Toluene-d8	*10.5*		*"*	*10.0*		*105*	*81-117*				
Surrogate: p-Bromofluorobenzene	*12.0*		*"*	*10.0*		*120*	*79-122*				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
17D0415-01	MW9	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17D0415-02	MW16	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17D0415-03	MW17	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17D0415-04	MW7	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17D0415-05	MW7 DUPLICATE	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17D0415-06	Equip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17D0415-07	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%).
S-08	The recovery of this surrogate was outside of QC limits.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
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.

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*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

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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. 17D0415

YOUR Information

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Attention: Casey Scanlon
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YOUR Project ID

SACK - GW - West

Purchase Order No.

Samples from CT ___ NY ✓ 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.

Katherine J Beinkafner
Samples Collected/Authorized By (Signature)

Katherine J Beinkafner
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	CT 15 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	TCL Plist	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Reactive	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Special	BTU lb
Arom. only	8021	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Aqueous	Aquatic Tox
Halog only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Semi	TOC
App IX list	SPLP or TCLP	TCLP BN's	608 Pest	ST Brown	Methane	NYSDEC Semi	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)
MW9	4/11/17 11:35AM	GW	8260 full	3 - clear 40ml Vial
MW16 muddy	4/11/17 12:35PM	GW	8260 full	3 - clear 40ml Vial
MW17 silty	4/11/17 1:57PM	GW	8260 full	3 clear 40ml Vial
MW7	4/11/17 3:25PM	GW	8260 full	3 clear 40ml Vial
MW7 DUPLICATE	4/11/17 3:30PM	GW	8260 full	3 clear 40ml Vial
EQUIP BLANK	4/11/17 11:00AM	Distilled Water		3 clear 40ml Vial
TRIP BLANK	4/11/17 7:00AM	Distilled Water		3 clear 40ml Vial

Comments
PCE: chemical of concern

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 ___

Katherine J Beinkafner 4/12/17 ~11:30am
Samples Relinquished By — Date/Time

Samples Relinquished By — Date/Time

Samples Received By — Date/Time

Samples Received in LAB by — Date/Time

Temperature on Receipt 3.5 °C

Technical Report

prepared for:

Mid-Hudson Geosciences
1003 NY Route 44/55, P.O.Box 332
Clintondale NY, 12515-0332
Attention: Katherine Beinkafner

Report Date: 05/02/2017
Client Project ID: SACKingston-GW Part 2
York Project (SDG) No.: 17D0839

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 05/02/2017
Client Project ID: SACKingston-GW Part 2
York Project (SDG) No.: 17D0839

Mid-Hudson Geosciences
1003 NY Route 44/55, P.O.Box 332
Clintondale NY, 12515-0332
Attention: Katherine Beinkafner

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 April 21, 2017 and listed below. The project was identified as your project: **SACKingston-GW Part 2**.

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
17D0839-01	Trip Blank	Water	04/19/2017	04/21/2017
17D0839-02	MW3	Water	04/19/2017	04/21/2017
17D0839-03	MW2	Water	04/19/2017	04/21/2017
17D0839-04	MW1	Water	04/19/2017	04/21/2017
17D0839-05	MW6	Water	04/19/2017	04/21/2017
17D0839-06	MW5	Water	04/20/2017	04/21/2017
17D0839-07	MW8	Water	04/20/2017	04/21/2017
17D0839-08	MW4	Water	04/20/2017	04/21/2017
17D0839-09	Equip Blank	Water	04/20/2017	04/21/2017

General Notes for York Project (SDG) No.: 17D0839

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.
9. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By: 

Date: 05/02/2017

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **17D0839-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17D0839	SACKingston-GW Part 2	Water	April 19, 2017 3:00 pm	04/21/2017

Volatile Organics, 8260 List

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	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 00:31	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 00:31	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 00:31	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 00:31	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 00:31	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 00:31	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 00:31	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 NELAC-NY10854,NJDEP,PADEP	04/29/2017 00:31	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 NELAC-NY10854,NJDEP,PADEP	04/29/2017 00:31	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 NELAC-NY10854,NJDEP,PADEP	04/29/2017 00:31	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 NELAC-NY10854,NJDEP,PADEP	04/29/2017 00:31	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 00:31	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 00:31	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 00:31	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 00:31	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 00:31	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 00:31	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 00:31	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 00:31	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 NELAC-NY10854,NJDEP,PADEP	04/29/2017 00:31	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 00:31	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 NELAC-NY10854,NJDEP,PADEP	04/29/2017 00:31	SS

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **17D0839-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17D0839	SACKingston-GW Part 2	Water	April 19, 2017 3:00 pm	04/21/2017

Volatile Organics, 8260 List

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	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 00:31	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 00:31	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 00:31	SS
67-64-1	Acetone	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 00:31	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 00:31	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 NELAC-NY10854,NJDEP,PADEP	04/29/2017 00:31	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 NELAC-NY10854,NJDEP,PADEP	04/29/2017 00:31	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 00:31	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 00:31	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 00:31	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 00:31	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 00:31	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 00:31	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 00:31	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 00:31	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 00:31	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 00:31	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 00:31	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 NELAC-NY10854,NJDEP,PADEP	04/29/2017 00:31	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 NELAC-NY10854,NJDEP,PADEP	04/29/2017 00:31	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 00:31	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 NELAC-NY10854,NJDEP,PADEP	04/29/2017 00:31	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 00:31	SS

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **17D0839-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17D0839	SACKingston-GW Part 2	Water	April 19, 2017 3:00 pm	04/21/2017

Volatile Organics, 8260 List

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
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 00:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 00:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
91-20-3	Naphthalene	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 00:31 NELAC-NY10854,NJDEP,PADEP	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 00:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 00:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 00:31 CTDOH,NELAC-NY10854,PADEP	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 00:31 CTDOH,NELAC-NY10854,PADEP	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 00:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 00:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 00:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 00:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 00:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 00:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 00:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 00:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 00:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 00:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 00:31 NELAC-NY10854,NJDEP	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 00:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 00:31 CTDOH,NELAC-NY10854,NJDEP	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*106 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*96.1 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*91.8 %*	*79-122*

Sample Information

Client Sample ID: MW3 **York Sample ID:** 17D0839-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17D0839	SACKingston-GW Part 2	Water	April 19, 2017 10:50 am	04/21/2017

Volatile Organics, 8260 List

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	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 01:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 01:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 01:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 01:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 01:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 01:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 01:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 01:11 NELAC-NY10854,NJDEP,PADEP	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 01:11 NELAC-NY10854,NJDEP,PADEP	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 01:11 NELAC-NY10854,NJDEP,PADEP	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 01:11 NELAC-NY10854,NJDEP,PADEP	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 01:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 01:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 01:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 01:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 01:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 01:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 01:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 01:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 01:11 NELAC-NY10854,NJDEP,PADEP	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 01:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 01:11 NELAC-NY10854,NJDEP,PADEP	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 01:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS

Sample Information

Client Sample ID: MW3 **York Sample ID:** 17D0839-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17D0839	SACKingston-GW Part 2	Water	April 19, 2017 10:50 am	04/21/2017

Volatile Organics, 8260 List

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
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 01:11	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 01:11	SS
67-64-1	Acetone	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 01:11	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 01:11	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 NELAC-NY10854,NJDEP,PADEP	04/29/2017 01:11	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 NELAC-NY10854,NJDEP,PADEP	04/29/2017 01:11	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 01:11	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 01:11	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 01:11	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 01:11	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 01:11	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 01:11	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 01:11	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 01:11	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 01:11	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 01:11	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 01:11	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 NELAC-NY10854,NJDEP,PADEP	04/29/2017 01:11	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 NELAC-NY10854,NJDEP,PADEP	04/29/2017 01:11	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 01:11	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 NELAC-NY10854,NJDEP,PADEP	04/29/2017 01:11	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 01:11	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 01:11	SS

Sample Information

Client Sample ID: MW3 **York Sample ID:** 17D0839-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17D0839	SACKingston-GW Part 2	Water	April 19, 2017 10:50 am	04/21/2017

Volatile Organics, 8260 List

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
75-09-2	Methylene chloride	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 01:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
91-20-3	Naphthalene	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 01:11 NELAC-NY10854,NJDEP,PADEP	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 01:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 01:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 01:11 CTDOH,NELAC-NY10854,PADEP	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 01:11 CTDOH,NELAC-NY10854,PADEP	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 01:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 01:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 01:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 01:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 01:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 01:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 01:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 01:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 01:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 01:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 01:11 NELAC-NY10854,NJDEP	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 01:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 01:11 CTDOH,NELAC-NY10854,NJDEP	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*110 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*92.7 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*84.7 %*	*79-122*

Sample Information

Client Sample ID: MW2 **York Sample ID:** 17D0839-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17D0839	SACKingston-GW Part 2	Water	April 19, 2017 12:25 pm	04/21/2017

Volatile Organics, 8260 List

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	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 01:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 01:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 01:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 01:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 01:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 01:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 01:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 01:51 NELAC-NY10854,NJDEP,PADEP	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 01:51 NELAC-NY10854,NJDEP,PADEP	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 01:51 NELAC-NY10854,NJDEP,PADEP	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 01:51 NELAC-NY10854,NJDEP,PADEP	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 01:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 01:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 01:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 01:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 01:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 01:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 01:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 01:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 01:51 NELAC-NY10854,NJDEP,PADEP	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 01:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 01:51 NELAC-NY10854,NJDEP,PADEP	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 01:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS

Sample Information

Client Sample ID: MW2 **York Sample ID:** 17D0839-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17D0839	SACKingston-GW Part 2	Water	April 19, 2017 12:25 pm	04/21/2017

Volatile Organics, 8260 List

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
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 01:51	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 01:51	SS
67-64-1	**Acetone**	**8.6**	J	ug/L	5.0	10	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 01:51	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 01:51	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 NELAC-NY10854,NJDEP,PADEP	04/29/2017 01:51	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 NELAC-NY10854,NJDEP,PADEP	04/29/2017 01:51	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 01:51	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 01:51	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 01:51	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 01:51	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 01:51	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 01:51	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 01:51	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 01:51	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 01:51	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 01:51	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 01:51	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 NELAC-NY10854,NJDEP,PADEP	04/29/2017 01:51	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 NELAC-NY10854,NJDEP,PADEP	04/29/2017 01:51	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 01:51	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 NELAC-NY10854,NJDEP,PADEP	04/29/2017 01:51	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 01:51	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 01:51	SS

Sample Information

Client Sample ID: **MW2** **York Sample ID:** **17D0839-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17D0839	SACKingston-GW Part 2	Water	April 19, 2017 12:25 pm	04/21/2017

Volatile Organics, 8260 List

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
75-09-2	Methylene chloride	ND		ug/L	2.5	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2017 14:18	04/29/2017 01:51	SS
91-20-3	Naphthalene	ND		ug/L	2.5	10	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	04/28/2017 14:18	04/29/2017 01:51	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2017 14:18	04/29/2017 01:51	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2017 14:18	04/29/2017 01:51	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,PADEP	04/28/2017 14:18	04/29/2017 01:51	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,PADEP	04/28/2017 14:18	04/29/2017 01:51	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2017 14:18	04/29/2017 01:51	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2017 14:18	04/29/2017 01:51	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2017 14:18	04/29/2017 01:51	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2017 14:18	04/29/2017 01:51	SS
127-18-4	**Tetrachloroethylene**	**11**		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2017 14:18	04/29/2017 01:51	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2017 14:18	04/29/2017 01:51	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2017 14:18	04/29/2017 01:51	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2017 14:18	04/29/2017 01:51	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2017 14:18	04/29/2017 01:51	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2017 14:18	04/29/2017 01:51	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/28/2017 14:18	04/29/2017 01:51	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2017 14:18	04/29/2017 01:51	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/28/2017 14:18	04/29/2017 01:51	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*105 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*97.5 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*81.1 %*	*79-122*

Sample Information

Client Sample ID: MW1 **York Sample ID:** 17D0839-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17D0839	SACKingston-GW Part 2	Water	April 19, 2017 1:35 pm	04/21/2017

Volatile Organics, 8260 List

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	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 02:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 02:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 02:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 02:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 02:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 02:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 02:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 02:31 NELAC-NY10854,NJDEP,PADEP	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 02:31 NELAC-NY10854,NJDEP,PADEP	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 02:31 NELAC-NY10854,NJDEP,PADEP	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 02:31 NELAC-NY10854,NJDEP,PADEP	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 02:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 02:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 02:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 02:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 02:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 02:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 02:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 02:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 02:31 NELAC-NY10854,NJDEP,PADEP	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 02:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 02:31 NELAC-NY10854,NJDEP,PADEP	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 02:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS

Sample Information

Client Sample ID: MW1 **York Sample ID:** 17D0839-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17D0839	SACKingston-GW Part 2	Water	April 19, 2017 1:35 pm	04/21/2017

Volatile Organics, 8260 List

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
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 02:31	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 02:31	SS
67-64-1	Acetone	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 02:31	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 02:31	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 NELAC-NY10854,NJDEP,PADEP	04/29/2017 02:31	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 NELAC-NY10854,NJDEP,PADEP	04/29/2017 02:31	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 02:31	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 02:31	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 02:31	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 02:31	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 02:31	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 02:31	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 02:31	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 02:31	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 02:31	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 02:31	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 02:31	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 NELAC-NY10854,NJDEP,PADEP	04/29/2017 02:31	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 NELAC-NY10854,NJDEP,PADEP	04/29/2017 02:31	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 02:31	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 NELAC-NY10854,NJDEP,PADEP	04/29/2017 02:31	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 02:31	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 02:31	SS

Sample Information

Client Sample ID: **MW1** **York Sample ID:** **17D0839-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17D0839	SACKingston-GW Part 2	Water	April 19, 2017 1:35 pm	04/21/2017

Volatile Organics, 8260 List

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
75-09-2	Methylene chloride	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 02:31	SS
91-20-3	Naphthalene	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	04/28/2017 14:18 NELAC-NY10854,NJDEP,PADEP	04/29/2017 02:31	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 02:31	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 02:31	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,PADEP	04/29/2017 02:31	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,PADEP	04/29/2017 02:31	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 02:31	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 02:31	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 02:31	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 02:31	SS
127-18-4	**Tetrachloroethylene**	**2.8**	J	ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 02:31	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 02:31	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 02:31	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 02:31	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 02:31	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 02:31	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 NELAC-NY10854,NJDEP	04/29/2017 02:31	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 02:31	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP	04/29/2017 02:31	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*108 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*93.9 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*87.6 %*	*79-122*

Sample Information

Client Sample ID: MW6 **York Sample ID:** 17D0839-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17D0839	SACKingston-GW Part 2	Water	April 19, 2017 3:35 pm	04/21/2017

Volatile Organics, 8260 List

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	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 03:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 03:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 03:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 03:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 03:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 03:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 03:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 03:11 NELAC-NY10854,NJDEP,PADEP	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 03:11 NELAC-NY10854,NJDEP,PADEP	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 03:11 NELAC-NY10854,NJDEP,PADEP	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 03:11 NELAC-NY10854,NJDEP,PADEP	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 03:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 03:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 03:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 03:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 03:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 03:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 03:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 03:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 03:11 NELAC-NY10854,NJDEP,PADEP	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 03:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 03:11 NELAC-NY10854,NJDEP,PADEP	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 03:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS

Sample Information

Client Sample ID: MW6 **York Sample ID:** 17D0839-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17D0839	SACKingston-GW Part 2	Water	April 19, 2017 3:35 pm	04/21/2017

Volatile Organics, 8260 List

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
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 03:11	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 03:11	SS
67-64-1	Acetone	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 03:11	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 03:11	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 NELAC-NY10854,NJDEP,PADEP	04/29/2017 03:11	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 NELAC-NY10854,NJDEP,PADEP	04/29/2017 03:11	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 03:11	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 03:11	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 03:11	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 03:11	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 03:11	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 03:11	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 03:11	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 03:11	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 03:11	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 03:11	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 03:11	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 NELAC-NY10854,NJDEP,PADEP	04/29/2017 03:11	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 NELAC-NY10854,NJDEP,PADEP	04/29/2017 03:11	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 03:11	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 NELAC-NY10854,NJDEP,PADEP	04/29/2017 03:11	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 03:11	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 03:11	SS

Sample Information

Client Sample ID: **MW6** **York Sample ID:** **17D0839-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17D0839	SACKingston-GW Part 2	Water	April 19, 2017 3:35 pm	04/21/2017

Volatile Organics, 8260 List

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
75-09-2	Methylene chloride	ND		ug/L	2.5	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2017 14:18	04/29/2017 03:11	SS
91-20-3	Naphthalene	ND		ug/L	2.5	10	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	04/28/2017 14:18	04/29/2017 03:11	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2017 14:18	04/29/2017 03:11	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2017 14:18	04/29/2017 03:11	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,PADEP	04/28/2017 14:18	04/29/2017 03:11	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,PADEP	04/28/2017 14:18	04/29/2017 03:11	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2017 14:18	04/29/2017 03:11	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2017 14:18	04/29/2017 03:11	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2017 14:18	04/29/2017 03:11	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2017 14:18	04/29/2017 03:11	SS
127-18-4	**Tetrachloroethylene**	**21**		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2017 14:18	04/29/2017 03:11	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2017 14:18	04/29/2017 03:11	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2017 14:18	04/29/2017 03:11	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2017 14:18	04/29/2017 03:11	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2017 14:18	04/29/2017 03:11	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2017 14:18	04/29/2017 03:11	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/28/2017 14:18	04/29/2017 03:11	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2017 14:18	04/29/2017 03:11	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/28/2017 14:18	04/29/2017 03:11	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*106 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*96.3 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*90.8 %*	*79-122*

Sample Information

Client Sample ID: MW5 **York Sample ID:** 17D0839-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17D0839	SACKingston-GW Part 2	Water	April 20, 2017 4:30 pm	04/21/2017

Volatile Organics, 8260 List

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	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 03:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 03:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 03:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 03:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 03:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 03:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 03:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 03:51 NELAC-NY10854,NJDEP,PADEP	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 03:51 NELAC-NY10854,NJDEP,PADEP	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 03:51 NELAC-NY10854,NJDEP,PADEP	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 03:51 NELAC-NY10854,NJDEP,PADEP	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 03:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 03:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 03:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 03:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 03:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 03:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 03:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 03:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 03:51 NELAC-NY10854,NJDEP,PADEP	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 03:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 03:51 NELAC-NY10854,NJDEP,PADEP	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 03:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS

Sample Information

Client Sample ID: **MW5** **York Sample ID:** **17D0839-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17D0839	SACKingston-GW Part 2	Water	April 20, 2017 4:30 pm	04/21/2017

Volatile Organics, 8260 List

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
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 03:51	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 03:51	SS
67-64-1	Acetone	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 03:51	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 03:51	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 NELAC-NY10854,NJDEP,PADEP	04/29/2017 03:51	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 NELAC-NY10854,NJDEP,PADEP	04/29/2017 03:51	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 03:51	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 03:51	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 03:51	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 03:51	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 03:51	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 03:51	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 03:51	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 03:51	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 03:51	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 03:51	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 03:51	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 NELAC-NY10854,NJDEP,PADEP	04/29/2017 03:51	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 NELAC-NY10854,NJDEP,PADEP	04/29/2017 03:51	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 03:51	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 NELAC-NY10854,NJDEP,PADEP	04/29/2017 03:51	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 03:51	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 03:51	SS

Sample Information

Client Sample ID: **MW5** **York Sample ID:** **17D0839-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17D0839	SACKingston-GW Part 2	Water	April 20, 2017 4:30 pm	04/21/2017

Volatile Organics, 8260 List

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
75-09-2	Methylene chloride	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 03:51	SS
91-20-3	Naphthalene	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	04/28/2017 14:18 NELAC-NY10854,NJDEP,PADEP	04/29/2017 03:51	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 03:51	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 03:51	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,PADEP	04/29/2017 03:51	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,PADEP	04/29/2017 03:51	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 03:51	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 03:51	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 03:51	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 03:51	SS
127-18-4	**Tetrachloroethylene**	**15**		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 03:51	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 03:51	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 03:51	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 03:51	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 03:51	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 03:51	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 NELAC-NY10854,NJDEP	04/29/2017 03:51	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 03:51	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP	04/29/2017 03:51	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*106 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*96.5 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*90.2 %*	*79-122*

Sample Information

Client Sample ID: MW8 **York Sample ID:** 17D0839-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17D0839	SACKingston-GW Part 2	Water	April 20, 2017 5:35 pm	04/21/2017

Volatile Organics, 8260 List

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	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 04:30	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 04:30	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 04:30	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 04:30	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 04:30	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 04:30	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 04:30	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 NELAC-NY10854,NJDEP,PADEP	04/29/2017 04:30	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 NELAC-NY10854,NJDEP,PADEP	04/29/2017 04:30	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 NELAC-NY10854,NJDEP,PADEP	04/29/2017 04:30	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 NELAC-NY10854,NJDEP,PADEP	04/29/2017 04:30	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 04:30	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 04:30	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 04:30	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 04:30	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 04:30	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 04:30	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 04:30	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 04:30	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 NELAC-NY10854,NJDEP,PADEP	04/29/2017 04:30	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 04:30	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 NELAC-NY10854,NJDEP,PADEP	04/29/2017 04:30	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 04:30	SS

Sample Information

Client Sample ID: **MW8** **York Sample ID:** **17D0839-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17D0839	SACKingston-GW Part 2	Water	April 20, 2017 5:35 pm	04/21/2017

Volatile Organics, 8260 List

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
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 04:30	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 04:30	SS
67-64-1	Acetone	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 04:30	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 04:30	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 NELAC-NY10854,NJDEP,PADEP	04/29/2017 04:30	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 NELAC-NY10854,NJDEP,PADEP	04/29/2017 04:30	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 04:30	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 04:30	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 04:30	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 04:30	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 04:30	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 04:30	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 04:30	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 04:30	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 04:30	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 04:30	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 04:30	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 NELAC-NY10854,NJDEP,PADEP	04/29/2017 04:30	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 NELAC-NY10854,NJDEP,PADEP	04/29/2017 04:30	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 04:30	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 NELAC-NY10854,NJDEP,PADEP	04/29/2017 04:30	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 04:30	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 04:30	SS

Sample Information

Client Sample ID: **MW8** **York Sample ID:** **17D0839-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17D0839	SACKingston-GW Part 2	Water	April 20, 2017 5:35 pm	04/21/2017

Volatile Organics, 8260 List

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
75-09-2	Methylene chloride	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 04:30	SS
91-20-3	Naphthalene	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	04/28/2017 14:18 NELAC-NY10854,NJDEP,PADEP	04/29/2017 04:30	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 04:30	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 04:30	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,PADEP	04/29/2017 04:30	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,PADEP	04/29/2017 04:30	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 04:30	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 04:30	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 04:30	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 04:30	SS
127-18-4	**Tetrachloroethylene**	**30**		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 04:30	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 04:30	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 04:30	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 04:30	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 04:30	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 04:30	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 NELAC-NY10854,NJDEP	04/29/2017 04:30	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 04:30	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP	04/29/2017 04:30	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*103 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*95.2 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*94.5 %*	*79-122*

Sample Information

Client Sample ID: MW4 **York Sample ID:** 17D0839-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17D0839	SACKingston-GW Part 2	Water	April 20, 2017 6:15 pm	04/21/2017

Volatile Organics, 8260 List

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	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 05:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 05:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 05:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 05:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 05:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 05:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 05:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 05:10 NELAC-NY10854,NJDEP,PADEP	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 05:10 NELAC-NY10854,NJDEP,PADEP	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 05:10 NELAC-NY10854,NJDEP,PADEP	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 05:10 NELAC-NY10854,NJDEP,PADEP	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 05:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 05:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 05:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 05:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 05:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 05:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 05:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 05:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 05:10 NELAC-NY10854,NJDEP,PADEP	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 05:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 05:10 NELAC-NY10854,NJDEP,PADEP	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/29/2017 05:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS

Sample Information

Client Sample ID: MW4 **York Sample ID:** 17D0839-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17D0839	SACKingston-GW Part 2	Water	April 20, 2017 6:15 pm	04/21/2017

Volatile Organics, 8260 List

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
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 05:10	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 05:10	SS
67-64-1	Acetone	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 05:10	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 05:10	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 NELAC-NY10854,NJDEP,PADEP	04/29/2017 05:10	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 NELAC-NY10854,NJDEP,PADEP	04/29/2017 05:10	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 05:10	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 05:10	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 05:10	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 05:10	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 05:10	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 05:10	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 05:10	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 05:10	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 05:10	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 05:10	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 05:10	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 NELAC-NY10854,NJDEP,PADEP	04/29/2017 05:10	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 NELAC-NY10854,NJDEP,PADEP	04/29/2017 05:10	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 05:10	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 NELAC-NY10854,NJDEP,PADEP	04/29/2017 05:10	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 05:10	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 05:10	SS

Sample Information

Client Sample ID: **MW4** **York Sample ID:** **17D0839-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17D0839	SACKingston-GW Part 2	Water	April 20, 2017 6:15 pm	04/21/2017

Volatile Organics, 8260 List

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
75-09-2	Methylene chloride	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 05:10	SS
91-20-3	Naphthalene	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	04/28/2017 14:18 NELAC-NY10854,NJDEP,PADEP	04/29/2017 05:10	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 05:10	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 05:10	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,PADEP	04/29/2017 05:10	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,PADEP	04/29/2017 05:10	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 05:10	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 05:10	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 05:10	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 05:10	SS
127-18-4	**Tetrachloroethylene**	**3.5**	J	ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 05:10	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 05:10	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 05:10	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 05:10	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 05:10	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 05:10	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 NELAC-NY10854,NJDEP	04/29/2017 05:10	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2017 05:10	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP	04/29/2017 05:10	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*106 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*95.8 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*85.5 %*	*79-122*

Sample Information

Client Sample ID: Equip Blank

York Sample ID: 17D0839-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17D0839	SACKingston-GW Part 2	Water	April 20, 2017 3:00 pm	04/21/2017

Volatile Organics, 8260 List

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	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/28/2017 23:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/28/2017 23:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/28/2017 23:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/28/2017 23:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/28/2017 23:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/28/2017 23:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/28/2017 23:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/28/2017 23:52 NELAC-NY10854,NJDEP,PADEP	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/28/2017 23:52 NELAC-NY10854,NJDEP,PADEP	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/28/2017 23:52 NELAC-NY10854,NJDEP,PADEP	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/28/2017 23:52 NELAC-NY10854,NJDEP,PADEP	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/28/2017 23:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/28/2017 23:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/28/2017 23:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/28/2017 23:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/28/2017 23:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/28/2017 23:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/28/2017 23:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/28/2017 23:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/28/2017 23:52 NELAC-NY10854,NJDEP,PADEP	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/28/2017 23:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/28/2017 23:52 NELAC-NY10854,NJDEP,PADEP	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/28/2017 23:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS

Sample Information

Client Sample ID: **Equip Blank** **York Sample ID:** **17D0839-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17D0839	SACKingston-GW Part 2	Water	April 20, 2017 3:00 pm	04/21/2017

Volatile Organics, 8260 List

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
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2017 23:52	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2017 23:52	SS
67-64-1	Acetone	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2017 23:52	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2017 23:52	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 NELAC-NY10854,NJDEP,PADEP	04/28/2017 23:52	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 NELAC-NY10854,NJDEP,PADEP	04/28/2017 23:52	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2017 23:52	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2017 23:52	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2017 23:52	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2017 23:52	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2017 23:52	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2017 23:52	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2017 23:52	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2017 23:52	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2017 23:52	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2017 23:52	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2017 23:52	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 NELAC-NY10854,NJDEP,PADEP	04/28/2017 23:52	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 NELAC-NY10854,NJDEP,PADEP	04/28/2017 23:52	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2017 23:52	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 NELAC-NY10854,NJDEP,PADEP	04/28/2017 23:52	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2017 23:52	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2017 23:52	SS

Sample Information

Client Sample ID: **Equip Blank** **York Sample ID:** **17D0839-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17D0839	SACKingston-GW Part 2	Water	April 20, 2017 3:00 pm	04/21/2017

Volatile Organics, 8260 List

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
75-09-2	Methylene chloride	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	04/28/2017 14:18	04/28/2017 23:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
91-20-3	Naphthalene	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	04/28/2017 14:18	04/28/2017 23:52 NELAC-NY10854,NJDEP,PADEP	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/28/2017 23:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/28/2017 23:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/28/2017 23:52 CTDOH,NELAC-NY10854,PADEP	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	04/28/2017 14:18	04/28/2017 23:52 CTDOH,NELAC-NY10854,PADEP	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/28/2017 23:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/28/2017 23:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/28/2017 23:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/28/2017 23:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/28/2017 23:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/28/2017 23:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/28/2017 23:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/28/2017 23:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/28/2017 23:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/28/2017 23:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/28/2017 23:52 NELAC-NY10854,NJDEP	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	04/28/2017 14:18	04/28/2017 23:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C Certifications:	04/28/2017 14:18	04/28/2017 23:52 CTDOH,NELAC-NY10854,NJDEP	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*104 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*94.5 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*97.6 %*	*79-122*

Analytical Batch Summary

Batch ID: BD71368 **Preparation Method:** EPA 5030B **Prepared By:** RDS

YORK Sample ID	Client Sample ID	Preparation Date
17D0839-01	Trip Blank	04/28/17
17D0839-02	MW3	04/28/17
17D0839-03	MW2	04/28/17
17D0839-04	MW1	04/28/17
17D0839-05	MW6	04/28/17
17D0839-06	MW5	04/28/17
17D0839-07	MW8	04/28/17
17D0839-08	MW4	04/28/17
17D0839-09	Equip Blank	04/28/17
BD71368-BLK1	Blank	04/28/17
BD71368-BS1	LCS	04/28/17
BD71368-BSD1	LCS Dup	04/28/17
BD71368-MS1	Matrix Spike	04/28/17
BD71368-MSD1	Matrix Spike Dup	04/28/17

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 BD71368 - EPA 5030B											
Blank (BD71368-BLK1)											Prepared & Analyzed: 04/28/2017
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	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 BD71368 - EPA 5030B											
Blank (BD71368-BLK1)								Prepared & Analyzed: 04/28/2017			
o-Xylene	ND	5.0	ug/L								
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 acetate	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: 1,2-Dichloroethane-d4	*10.5*		*"*	*10.0*		*105*	*69-130*				
Surrogate: Toluene-d8	*9.55*		*"*	*10.0*		*95.5*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*79-122*				
LCS (BD71368-BS1)								Prepared & Analyzed: 04/28/2017			
1,1,1,2-Tetrachloroethane	11.0		ug/L	10.0		110	70-132				
1,1,1-Trichloroethane	11.4		"	10.0		114	68-138				
1,1,2,2-Tetrachloroethane	9.87		"	10.0		98.7	73-132				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.8		"	10.0		108	67-136				
1,1,2-Trichloroethane	9.97		"	10.0		99.7	79-125				
1,1-Dichloroethane	10.7		"	10.0		107	78-128				
1,1-Dichloroethylene	10.4		"	10.0		104	68-134				
1,1-Dichloropropylene	10.6		"	10.0		106	74-130				
1,2,3-Trichlorobenzene	23.8		"	10.0		238	77-140	High Bias			
1,2,3-Trichloropropane	9.49		"	10.0		94.9	79-127				
1,2,4-Trichlorobenzene	16.0		"	10.0		160	75-141	High Bias			
1,2,4-Trimethylbenzene	10.8		"	10.0		108	78-127				
1,2-Dibromo-3-chloropropane	10.4		"	10.0		104	60-150				
1,2-Dibromoethane	10.5		"	10.0		105	86-123				
1,2-Dichlorobenzene	11.6		"	10.0		116	79-125				
1,2-Dichloroethane	10.9		"	10.0		109	69-133				
1,2-Dichloropropane	10.1		"	10.0		101	76-124				
1,3,5-Trimethylbenzene	10.4		"	10.0		104	78-128				
1,3-Dichlorobenzene	11.0		"	10.0		110	81-124				
1,3-Dichloropropane	10.0		"	10.0		100	79-125				
1,4-Dichlorobenzene	10.6		"	10.0		106	82-124				
2,2-Dichloropropane	10.4		"	10.0		104	61-139				
2-Butanone	10.8		"	10.0		108	44-169				
2-Chlorotoluene	10.5		"	10.0		105	74-130				
4-Chlorotoluene	10.6		"	10.0		106	75-127				
Acetone	8.87		"	10.0		88.7	29-163				
Benzene	9.87		"	10.0		98.7	72-134				
Bromobenzene	10.5		"	10.0		105	74-129				
Bromochloromethane	9.79		"	10.0		97.9	69-134				
Bromodichloromethane	10.8		"	10.0		108	76-127				
Bromoform	10.3		"	10.0		103	77-137				

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 BD71368 - EPA 5030B											
LCS (BD71368-BS1)								Prepared & Analyzed: 04/28/2017			
Bromomethane	7.87		ug/L	10.0		78.7	50-156				
Carbon tetrachloride	12.1		"	10.0		121	62-145				
Chlorobenzene	10.5		"	10.0		105	85-119				
Chloroethane	9.19		"	10.0		91.9	49-143				
Chloroform	11.1		"	10.0		111	74-131				
Chloromethane	8.37		"	10.0		83.7	43-134				
cis-1,2-Dichloroethylene	11.2		"	10.0		112	73-134				
cis-1,3-Dichloropropylene	10.6		"	10.0		106	77-128				
Dibromochloromethane	11.0		"	10.0		110	79-130				
Dibromomethane	10.6		"	10.0		106	78-128				
Dichlorodifluoromethane	9.32		"	10.0		93.2	38-139				
Ethyl Benzene	10.3		"	10.0		103	80-129				
Hexachlorobutadiene	14.3		"	10.0		143	72-141	High Bias			
Isopropylbenzene	10.2		"	10.0		102	76-128				
Methyl tert-butyl ether (MTBE)	10.6		"	10.0		106	64-142				
Methylene chloride	9.05		"	10.0		90.5	56-142				
Naphthalene	19.3		"	10.0		193	79-144	High Bias			
n-Butylbenzene	10.9		"	10.0		109	74-132				
n-Propylbenzene	10.4		"	10.0		104	72-135				
o-Xylene	10.4		"	10.0		104	81-123				
p- & m- Xylenes	20.3		"	20.0		101	79-130				
p-Isopropyltoluene	11.2		"	10.0		112	80-127				
sec-Butylbenzene	10.7		"	10.0		107	78-127				
Styrene	10.9		"	10.0		109	82-124				
tert-Butylbenzene	12.0		"	10.0		120	75-131				
Tetrachloroethylene	9.02		"	10.0		90.2	78-133				
Toluene	10.4		"	10.0		104	83-122				
trans-1,2-Dichloroethylene	10.4		"	10.0		104	59-145				
trans-1,3-Dichloropropylene	0.210		"	10.0		2.10	74-131	Low Bias			
Trichloroethylene	9.78		"	10.0		97.8	81-125				
Trichlorofluoromethane	11.2		"	10.0		112	61-144				
Vinyl acetate	10.9		"	10.0		109	32-165				
Vinyl Chloride	9.01		"	10.0		90.1	42-136				
Surrogate: 1,2-Dichloroethane-d4	*10.4*		*"*	*10.0*		*104*	*69-130*				
Surrogate: Toluene-d8	*9.76*		*"*	*10.0*		*97.6*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.4*		*"*	*10.0*		*104*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BD71368 - EPA 5030B

LCS Dup (BD71368-BSD1) Prepared & Analyzed: 04/28/2017

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1,2-Tetrachloroethane	10.8		ug/L	10.0		108	70-132		2.20	30	
1,1,1-Trichloroethane	11.3		"	10.0		113	68-138		1.32	30	
1,1,2,2-Tetrachloroethane	9.78		"	10.0		97.8	73-132		0.916	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.9		"	10.0		119	67-136		9.93	30	
1,1,2-Trichloroethane	9.59		"	10.0		95.9	79-125		3.89	30	
1,1-Dichloroethane	10.4		"	10.0		104	78-128		2.83	30	
1,1-Dichloroethylene	10.9		"	10.0		109	68-134		5.08	30	
1,1-Dichloropropylene	10.5		"	10.0		105	74-130		0.570	30	
1,2,3-Trichlorobenzene	28.9		"	10.0		289	77-140	High Bias	19.3	30	
1,2,3-Trichloropropane	9.44		"	10.0		94.4	79-127		0.528	30	
1,2,4-Trichlorobenzene	18.2		"	10.0		182	75-141	High Bias	12.7	30	
1,2,4-Trimethylbenzene	10.5		"	10.0		105	78-127		2.26	30	
1,2-Dibromo-3-chloropropane	11.0		"	10.0		110	60-150		5.87	30	
1,2-Dibromoethane	10.5		"	10.0		105	86-123		0.285	30	
1,2-Dichlorobenzene	10.8		"	10.0		108	79-125		6.86	30	
1,2-Dichloroethane	11.0		"	10.0		110	69-133		0.183	30	
1,2-Dichloropropane	9.56		"	10.0		95.6	76-124		5.20	30	
1,3,5-Trimethylbenzene	10.5		"	10.0		105	78-128		0.765	30	
1,3-Dichlorobenzene	10.4		"	10.0		104	81-124		5.15	30	
1,3-Dichloropropane	9.72		"	10.0		97.2	79-125		3.34	30	
1,4-Dichlorobenzene	10.3		"	10.0		103	82-124		3.05	30	
2,2-Dichloropropane	10.2		"	10.0		102	61-139		2.62	30	
2-Butanone	8.43		"	10.0		84.3	44-169		25.0	30	
2-Chlorotoluene	10.3		"	10.0		103	74-130		1.64	30	
4-Chlorotoluene	10.6		"	10.0		106	75-127		0.283	30	
Acetone	10.2		"	10.0		102	29-163		13.5	30	
Benzene	10.0		"	10.0		100	72-134		1.31	30	
Bromobenzene	10.1		"	10.0		101	74-129		3.99	30	
Bromochloromethane	9.69		"	10.0		96.9	69-134		1.03	30	
Bromodichloromethane	10.1		"	10.0		101	76-127		6.40	30	
Bromoform	11.1		"	10.0		111	77-137		7.50	30	
Bromomethane	9.15		"	10.0		91.5	50-156		15.0	30	
Carbon tetrachloride	12.1		"	10.0		121	62-145		0.414	30	
Chlorobenzene	10.4		"	10.0		104	85-119		0.954	30	
Chloroethane	10.5		"	10.0		105	49-143		13.0	30	
Chloroform	11.2		"	10.0		112	74-131		0.717	30	
Chloromethane	8.12		"	10.0		81.2	43-134		3.03	30	
cis-1,2-Dichloroethylene	10.9		"	10.0		109	73-134		2.54	30	
cis-1,3-Dichloropropylene	10.2		"	10.0		102	77-128		3.45	30	
Dibromochloromethane	10.5		"	10.0		105	79-130		4.63	30	
Dibromomethane	9.87		"	10.0		98.7	78-128		7.13	30	
Dichlorodifluoromethane	9.00		"	10.0		90.0	38-139		3.49	30	
Ethyl Benzene	10.3		"	10.0		103	80-129		0.194	30	
Hexachlorobutadiene	15.7		"	10.0		157	72-141	High Bias	9.33	30	
Isopropylbenzene	10.4		"	10.0		104	76-128		1.65	30	
Methyl tert-butyl ether (MTBE)	10.6		"	10.0		106	64-142		0.0946	30	
Methylene chloride	8.66		"	10.0		86.6	56-142		4.40	30	
Naphthalene	22.1		"	10.0		221	79-144	High Bias	13.4	30	
n-Butylbenzene	10.7		"	10.0		107	74-132		2.13	30	
n-Propylbenzene	10.3		"	10.0		103	72-135		0.678	30	
o-Xylene	10.2		"	10.0		102	81-123		1.84	30	

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD71368 - EPA 5030B											
LCS Dup (BD71368-BSD1)								Prepared & Analyzed: 04/28/2017			
p- & m- Xylenes	19.8		ug/L	20.0		99.2	79-130		2.24	30	
p-Isopropyltoluene	10.9		"	10.0		109	80-127		2.27	30	
sec-Butylbenzene	10.4		"	10.0		104	78-127		2.37	30	
Styrene	10.7		"	10.0		107	82-124		1.95	30	
tert-Butylbenzene	11.2		"	10.0		112	75-131		6.21	30	
Tetrachloroethylene	12.9		"	10.0		129	78-133		35.7	30	Non-dir.
Toluene	10.1		"	10.0		101	83-122		2.83	30	
trans-1,2-Dichloroethylene	10.5		"	10.0		105	59-145		0.858	30	
trans-1,3-Dichloropropylene	10.5		"	10.0		105	74-131		192	30	Non-dir.
Trichloroethylene	10.2		"	10.0		102	81-125		4.11	30	
Trichlorofluoromethane	11.0		"	10.0		110	61-144		2.16	30	
Vinyl acetate	9.74		"	10.0		97.4	32-165		11.6	30	
Vinyl Chloride	9.28		"	10.0		92.8	42-136		2.95	30	
Surrogate: 1,2-Dichloroethane-d4	*10.0*		*"*	*10.0*		*100*	*69-130*				
Surrogate: Toluene-d8	*9.63*		*"*	*10.0*		*96.3*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.5*		*"*	*10.0*		*105*	*79-122*				
Matrix Spike (BD71368-MS1)	*Source sample: 17D0839-05 (MW6)							Prepared: 04/28/2017 Analyzed: 04/29/2017			
1,1,1,2-Tetrachloroethane	10.9		ug/L	10.0	ND	109	52-142				
1,1,1-Trichloroethane	11.4		"	10.0	ND	114	52-147				
1,1,2,2-Tetrachloroethane	8.65		"	10.0	ND	86.5	65-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.27		"	10.0	ND	92.7	42-160				
1,1,2-Trichloroethane	9.65		"	10.0	ND	96.5	72-126				
1,1-Dichloroethane	10.3		"	10.0	ND	103	64-135				
1,1-Dichloroethylene	8.60		"	10.0	ND	86.0	47-150				
1,1-Dichloropropylene	10.2		"	10.0	ND	102	68-123				
1,2,3-Trichlorobenzene	6.58		"	10.0	ND	65.8	53-148				
1,2,3-Trichloropropane	8.23		"	10.0	ND	82.3	68-129				
1,2,4-Trichlorobenzene	11.8		"	10.0	ND	118	51-148				
1,2,4-Trimethylbenzene	8.82		"	10.0	ND	88.2	62-130				
1,2-Dibromo-3-chloropropane	9.25		"	10.0	ND	92.5	48-155				
1,2-Dibromoethane	10.0		"	10.0	ND	100	76-124				
1,2-Dichlorobenzene	9.89		"	10.0	ND	98.9	70-125				
1,2-Dichloroethane	10.3		"	10.0	ND	103	57-139				
1,2-Dichloropropane	9.23		"	10.0	ND	92.3	65-128				
1,3,5-Trimethylbenzene	8.99		"	10.0	ND	89.9	53-138				
1,3-Dichlorobenzene	9.46		"	10.0	ND	94.6	71-122				
1,3-Dichloropropane	9.08		"	10.0	ND	90.8	66-128				
1,4-Dichlorobenzene	9.21		"	10.0	ND	92.1	69-125				
2,2-Dichloropropane	7.41		"	10.0	ND	74.1	42-138				
2-Butanone	9.19		"	10.0	ND	91.9	42-153				
2-Chlorotoluene	8.80		"	10.0	ND	88.0	63-131				
4-Chlorotoluene	8.69		"	10.0	ND	86.9	63-130				
Acetone	6.63		"	10.0	ND	66.3	15-135				
Benzene	9.74		"	10.0	ND	97.4	55-139				
Bromobenzene	8.50		"	10.0	ND	85.0	63-130				
Bromochloromethane	9.13		"	10.0	ND	91.3	59-133				
Bromodichloromethane	9.79		"	10.0	ND	97.9	66-131				
Bromoform	8.27		"	10.0	ND	82.7	68-136				
Bromomethane	7.69		"	10.0	ND	76.9	23-151				
Carbon tetrachloride	11.7		"	10.0	ND	117	51-147				

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 BD71368 - EPA 5030B											
Matrix Spike (BD71368-MS1)	*Source sample: 17D0839-05 (MW6)								Prepared: 04/28/2017 Analyzed: 04/29/2017		
Chlorobenzene	10.1		ug/L	10.0	ND	101	75-120				
Chloroethane	10.3		"	10.0	ND	103	33-153				
Chloroform	10.9		"	10.0	ND	109	60-137				
Chloromethane	8.63		"	10.0	ND	86.3	20-140				
cis-1,2-Dichloroethylene	10.5		"	10.0	ND	105	59-136				
cis-1,3-Dichloropropylene	9.26		"	10.0	ND	92.6	66-128				
Dibromochloromethane	10.5		"	10.0	ND	105	68-134				
Dibromomethane	9.91		"	10.0	ND	99.1	71-128				
Dichlorodifluoromethane	12.1		"	10.0	ND	121	18-127				
Ethyl Benzene	9.91		"	10.0	ND	99.1	55-146				
Hexachlorobutadiene	13.2		"	10.0	ND	132	48-150				
Isopropylbenzene	8.42		"	10.0	ND	84.2	68-126				
Methyl tert-butyl ether (MTBE)	9.89		"	10.0	ND	98.9	54-148				
Methylene chloride	7.70		"	10.0	ND	77.0	34-154				
Naphthalene	7.02		"	10.0	ND	70.2	57-143				
n-Butylbenzene	8.92		"	10.0	ND	89.2	61-133				
n-Propylbenzene	8.38		"	10.0	ND	83.8	60-135				
o-Xylene	9.90		"	10.0	ND	99.0	67-129				
p- & m- Xylenes	19.4		"	20.0	ND	96.8	51-152				
p-Isopropyltoluene	9.11		"	10.0	ND	91.1	66-129				
sec-Butylbenzene	8.43		"	10.0	ND	84.3	66-127				
Styrene	10.2		"	10.0	ND	102	72-126				
tert-Butylbenzene	9.82		"	10.0	ND	98.2	65-132				
Tetrachloroethylene	26.7		"	10.0	21.0	56.8	51-140				
Toluene	9.70		"	10.0	ND	97.0	53-142				
trans-1,2-Dichloroethylene	10.2		"	10.0	ND	102	49-151				
trans-1,3-Dichloropropylene	9.68		"	10.0	ND	96.8	63-129				
Trichloroethylene	9.22		"	10.0	ND	92.2	61-133				
Trichlorofluoromethane	12.2		"	10.0	ND	122	47-147				
Vinyl acetate	9.83		"	10.0	ND	98.3	16-146				
Vinyl Chloride	9.95		"	10.0	ND	99.5	25-140				
Surrogate: 1,2-Dichloroethane-d4	*10.8*		*"*	*10.0*		*108*	*69-130*				
Surrogate: Toluene-d8	*9.67*		*"*	*10.0*		*96.7*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.27*		*"*	*10.0*		*92.7*	*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 BD71368 - EPA 5030B											
Matrix Spike Dup (BD71368-MSD1)	*Source sample: 17D0839-05 (MW6)								Prepared: 04/28/2017 Analyzed: 04/29/2017		
1,1,1,2-Tetrachloroethane	10.4		ug/L	10.0	ND	104	52-142		4.60	30	
1,1,1-Trichloroethane	11.2		"	10.0	ND	112	52-147		1.77	30	
1,1,2,2-Tetrachloroethane	8.30		"	10.0	ND	83.0	65-131		4.13	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.3		"	10.0	ND	103	42-160		10.5	30	
1,1,2-Trichloroethane	9.26		"	10.0	ND	92.6	72-126		4.12	30	
1,1-Dichloroethane	10.1		"	10.0	ND	101	64-135		2.06	30	
1,1-Dichloroethylene	9.71		"	10.0	ND	97.1	47-150		12.1	30	
1,1-Dichloropropylene	10.4		"	10.0	ND	104	68-123		2.14	30	
1,2,3-Trichlorobenzene	20.2		"	10.0	ND	202	53-148	High Bias	102	30	Non-dir.
1,2,3-Trichloropropane	7.77		"	10.0	ND	77.7	68-129		5.75	30	
1,2,4-Trichlorobenzene	16.1		"	10.0	ND	161	51-148	High Bias	31.2	30	Non-dir.
1,2,4-Trimethylbenzene	8.88		"	10.0	ND	88.8	62-130		0.678	30	
1,2-Dibromo-3-chloropropane	9.49		"	10.0	ND	94.9	48-155		2.56	30	
1,2-Dibromoethane	9.70		"	10.0	ND	97.0	76-124		3.54	30	
1,2-Dichlorobenzene	9.63		"	10.0	ND	96.3	70-125		2.66	30	
1,2-Dichloroethane	10.6		"	10.0	ND	106	57-139		3.05	30	
1,2-Dichloropropane	8.98		"	10.0	ND	89.8	65-128		2.75	30	
1,3,5-Trimethylbenzene	8.79		"	10.0	ND	87.9	53-138		2.25	30	
1,3-Dichlorobenzene	9.26		"	10.0	ND	92.6	71-122		2.14	30	
1,3-Dichloropropane	8.90		"	10.0	ND	89.0	66-128		2.00	30	
1,4-Dichlorobenzene	9.11		"	10.0	ND	91.1	69-125		1.09	30	
2,2-Dichloropropane	7.21		"	10.0	ND	72.1	42-138		2.74	30	
2-Butanone	9.08		"	10.0	ND	90.8	42-153		1.20	30	
2-Chlorotoluene	8.57		"	10.0	ND	85.7	63-131		2.65	30	
4-Chlorotoluene	8.79		"	10.0	ND	87.9	63-130		1.14	30	
Acetone	6.55		"	10.0	ND	65.5	15-135		1.21	30	
Benzene	9.69		"	10.0	ND	96.9	55-139		0.515	30	
Bromobenzene	8.35		"	10.0	ND	83.5	63-130		1.78	30	
Bromochloromethane	9.22		"	10.0	ND	92.2	59-133		0.981	30	
Bromodichloromethane	9.92		"	10.0	ND	99.2	66-131		1.32	30	
Bromoform	7.84		"	10.0	ND	78.4	68-136		5.34	30	
Bromomethane	8.84		"	10.0	ND	88.4	23-151		13.9	30	
Carbon tetrachloride	12.1		"	10.0	ND	121	51-147		3.28	30	
Chlorobenzene	9.72		"	10.0	ND	97.2	75-120		3.74	30	
Chloroethane	10.4		"	10.0	ND	104	33-153		0.484	30	
Chloroform	10.6		"	10.0	ND	106	60-137		3.08	30	
Chloromethane	9.08		"	10.0	ND	90.8	20-140		5.08	30	
cis-1,2-Dichloroethylene	10.5		"	10.0	ND	105	59-136		0.0956	30	
cis-1,3-Dichloropropylene	9.10		"	10.0	ND	91.0	66-128		1.74	30	
Dibromochloromethane	10.2		"	10.0	ND	102	68-134		3.18	30	
Dibromomethane	9.29		"	10.0	ND	92.9	71-128		6.46	30	
Dichlorodifluoromethane	12.4		"	10.0	ND	124	18-127		3.10	30	
Ethyl Benzene	9.67		"	10.0	ND	96.7	55-146		2.45	30	
Hexachlorobutadiene	16.1		"	10.0	ND	161	48-150	High Bias	20.3	30	
Isopropylbenzene	8.28		"	10.0	ND	82.8	68-126		1.68	30	
Methyl tert-butyl ether (MTBE)	10.1		"	10.0	ND	101	54-148		2.50	30	
Methylene chloride	7.77		"	10.0	ND	77.7	34-154		0.905	30	
Naphthalene	18.6		"	10.0	ND	186	57-143	High Bias	90.5	30	Non-dir.
n-Butylbenzene	8.89		"	10.0	ND	88.9	61-133		0.337	30	
n-Propylbenzene	8.19		"	10.0	ND	81.9	60-135		2.29	30	
o-Xylene	9.73		"	10.0	ND	97.3	67-129		1.73	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 BD71368 - EPA 5030B											
Matrix Spike Dup (BD71368-MSD1)	*Source sample: 17D0839-05 (MW6)								Prepared: 04/28/2017 Analyzed: 04/29/2017		
p- & m- Xylenes	18.6		ug/L	20.0	ND	93.2	51-152		3.68	30	
p-Isopropyltoluene	9.05		"	10.0	ND	90.5	66-129		0.661	30	
sec-Butylbenzene	8.66		"	10.0	ND	86.6	66-127		2.69	30	
Styrene	9.86		"	10.0	ND	98.6	72-126		3.29	30	
tert-Butylbenzene	9.93		"	10.0	ND	99.3	65-132		1.11	30	
Tetrachloroethylene	24.9		"	10.0	21.0	39.0	51-140	Low Bias	6.90	30	
Toluene	9.44		"	10.0	ND	94.4	53-142		2.72	30	
trans-1,2-Dichloroethylene	10.1		"	10.0	ND	101	49-151		1.08	30	
trans-1,3-Dichloropropylene	9.70		"	10.0	ND	97.0	63-129		0.206	30	
Trichloroethylene	9.27		"	10.0	ND	92.7	61-133		0.541	30	
Trichlorofluoromethane	12.0		"	10.0	ND	120	47-147		2.31	30	
Vinyl acetate	9.99		"	10.0	ND	99.9	16-146		1.61	30	
Vinyl Chloride	9.96		"	10.0	ND	99.6	25-140		0.100	30	
Surrogate: 1,2-Dichloroethane-d4	*10.6*		*"*	*10.0*		*106*	*69-130*				
Surrogate: Toluene-d8	*9.47*		*"*	*10.0*		*94.7*	*81-117*				
Surrogate: p-Bromofluorobenzene	*8.98*		*"*	*10.0*		*89.8*	*79-122*				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
17D0839-01	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17D0839-02	MW3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17D0839-03	MW2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17D0839-04	MW1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17D0839-05	MW6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17D0839-06	MW5	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17D0839-07	MW8	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17D0839-08	MW4	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17D0839-09	Equip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

QR-04	The RPD exceeded control limits for the LCS/LCSD QC.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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).

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*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

YORK ANALYTICAL LABORATORIES
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. 17D0839

YOUR Information
Company: Mid-Hudson Geosciences
Address: 1003 Rt 44/55, POBox32 Clintondale, NY 12515-0032
Phone No. 845 883 5726
Contact Name: Kathie Beinkafner
E-Mail Address: rockdoctor@optonline.net

Report To:
Company:
Address:
Phone No.
Attention:
E-Mail Address:

Invoice To:
Company: Ulster 734, LLC
Address: 734 Ulster Ave. Kingston, NY 12401
Phone No. 845 594 1505
Attention: Casey Scanlon
E-Mail Address: casey@scanlons.com

YOUR Project ID
SACKingston-GW part 2

Purchase Order No.

Samples from: CT ___ NY ✓ 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.

Katherine J Beinkafner
Samples Collected/Authorized By (Signature)

Katherine I. Beinkafner
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 Not Discrete Fuels	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	4/19/17	Distilled Water	8260 full	3 clear 40ml Voa Vials
MW3	4/19/17 1050AM	GW	8260 full	3 clear 40ml Voa Vials
MW2	4/19/17 1225PM	GW	8260 full	3 clear 40ml Voa Vials
MW1	4/19/17 135PM	GW	8260 full	3 clear 40ml Voa Vials
MW6	4/19/17 335PM	GW	8260 full	3 clear 40ml Voa Vials
MS/MSD (MW6)	4/19/17 335PM	GW	8260 full	3 clear 40ml Voa Vials
MW5	4/20/17 430PM	GW	8260 full	3 clear 40ml Voa Vials
MW8	4/20/17 535PM	GW	8260 full	3 clear 40ml Voa Vials
MW4	4/20/17 615pm	GW	8260 full	3 clear 40ml Voa Vials
Equip Blank	4/20/17	Distilled Water	8260 full	3 clear 40ml Voa Vials

Comments: Chemical of Concern = PCE

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 ☐

Katherine J Beinkafner 4/21/17 1050
Samples Relinquished By — Date/Time

Samples Relinquished By — Date/Time

Samples Received By — 4-21-17 10:50 — Date/Time

Samples Received in LAB by — 4/21/17 1501 — Date/Time

Temperature on Receipt 0.8 °C

Technical Report

prepared for:

Mid-Hudson Geosciences
1003 NY Route 44/55, P.O.Box 332
Clintondale NY, 12515-0332
Attention: Katherine Beinkafner

Report Date: 08/01/2017
Client Project ID: SAC Kingston Downgradient MWS
York Project (SDG) No.: 17G0906

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 08/01/2017
Client Project ID: SAC Kingston Downgradient MWS
York Project (SDG) No.: 17G0906

Mid-Hudson Geosciences
1003 NY Route 44/55, P.O.Box 332
Clintondale NY, 12515-0332
Attention: Katherine Beinkafner

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 26, 2017 and listed below. The project was identified as your project: **SAC Kingston Downgradient MWS**.

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

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

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
17G0906-01	L15	Water	07/25/2017	07/26/2017
17G0906-02	L15 DUP	Water	07/25/2017	07/26/2017
17G0906-03	L5	Water	07/25/2017	07/26/2017
17G0906-04	L14	Water	07/25/2017	07/26/2017
17G0906-05	L4	Water	07/25/2017	07/26/2017
17G0906-06	Equip Blank	Water	07/25/2017	07/26/2017
17G0906-07	Trip Blank	Water	07/25/2017	07/26/2017

General Notes for York Project (SDG) No.: 17G0906

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By: 

Date: 08/01/2017

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: L15 **York Sample ID:** 17G0906-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17G0906	SAC Kingston Downgradient MWS	Water	July 25, 2017 10:22 am	07/26/2017

Volatile Organics, 8260 List

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	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 02:50	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 02:50	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 02:50	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 02:50	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 02:50	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 02:50	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 02:50	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	07/31/2017 02:50	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	07/31/2017 02:50	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	07/31/2017 02:50	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	07/31/2017 02:50	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 02:50	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 02:50	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 02:50	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 02:50	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 02:50	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 02:50	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 02:50	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 02:50	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	07/31/2017 02:50	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 02:50	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	07/31/2017 02:50	SS

Sample Information

Client Sample ID: L15 **York Sample ID:** 17G0906-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17G0906	SAC Kingston Downgradient MWS	Water	July 25, 2017 10:22 am	07/26/2017

Volatile Organics, 8260 List

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	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 02:50	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 02:50	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 02:50	SS
67-64-1	Acetone	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 02:50	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 02:50	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	07/31/2017 02:50	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	07/31/2017 02:50	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 02:50	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 02:50	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 02:50	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 02:50	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 02:50	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 02:50	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 02:50	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 02:50	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 02:50	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 02:50	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 02:50	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	07/31/2017 02:50	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	07/31/2017 02:50	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 02:50	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	07/31/2017 02:50	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 02:50	SS

Sample Information

Client Sample ID: L15 **York Sample ID:** 17G0906-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17G0906	SAC Kingston Downgradient MWS	Water	July 25, 2017 10:22 am	07/26/2017

Volatile Organics, 8260 List

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
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 02:50 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 02:50 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
91-20-3	Naphthalene	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 02:50 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 02:50 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 02:50 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 02:50 CTDOH,NELAC-NY10854,NELAC-NY10854-Qu	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 02:50 CTDOH,NELAC-NY10854,NELAC-NY10854-Qu	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 02:50 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 02:50 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 02:50 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 02:50 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 02:50 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 02:50 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 02:50 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 02:50 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 02:50 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 02:50 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 02:50 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 02:50 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 02:50 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*97.3 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*109 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*100 %*	*79-122*

Sample Information

Client Sample ID: **L15 DUP** **York Sample ID:** **17G0906-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17G0906	SAC Kingston Downgradient MWS	Water	July 25, 2017 10:22 am	07/26/2017

Volatile Organics, 8260 List

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	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 03:22	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 03:22	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 03:22	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 03:22	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 03:22	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 03:22	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 03:22	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	07/31/2017 03:22	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	07/31/2017 03:22	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	07/31/2017 03:22	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	07/31/2017 03:22	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 03:22	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 03:22	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 03:22	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 03:22	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 03:22	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 03:22	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 03:22	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 03:22	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	07/31/2017 03:22	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 03:22	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	07/31/2017 03:22	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 03:22	SS

Sample Information

Client Sample ID: L15 DUP

York Sample ID: 17G0906-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17G0906	SAC Kingston Downgradient MWS	Water	July 25, 2017 10:22 am	07/26/2017

Volatile Organics, 8260 List

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
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:22 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:22 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
67-64-1	Acetone	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:22 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:22 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:22 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:22 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:22 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:22 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:22 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:22 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:22 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:22 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:22 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:22 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:22 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:22 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:22 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:22 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:22 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:22 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:22 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:22 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:22 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS

Sample Information

Client Sample ID: **L15 DUP** **York Sample ID:** **17G0906-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17G0906	SAC Kingston Downgradient MWS	Water	July 25, 2017 10:22 am	07/26/2017

Volatile Organics, 8260 List

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
75-09-2	Methylene chloride	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:22 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
91-20-3	Naphthalene	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:22 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:22 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:22 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:22 CTDOH,NELAC-NY10854,NELAC-NY10854-Qu	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:22 CTDOH,NELAC-NY10854,NELAC-NY10854-Qu	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:22 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:22 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:22 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:22 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:22 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:22 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:22 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:22 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:22 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:22 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:22 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:22 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:22 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*95.5 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*109 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*105 %*	*79-122*

Sample Information

Client Sample ID: L5 **York Sample ID:** 17G0906-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17G0906	SAC Kingston Downgradient MWS	Water	July 25, 2017 10:24 am	07/26/2017

Volatile Organics, 8260 List

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	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:55 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:55 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:55 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:55 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:55 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:55 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:55 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:55 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:55 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:55 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:55 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:55 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:55 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:55 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:55 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:55 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:55 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS

Sample Information

Client Sample ID: L5 **York Sample ID:** 17G0906-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17G0906	SAC Kingston Downgradient MWS	Water	July 25, 2017 10:24 am	07/26/2017

Volatile Organics, 8260 List

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
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:55 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:55 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
67-64-1	Acetone	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:55 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:55 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:55 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:55 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:55 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:55 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:55 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:55 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:55 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:55 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:55 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:55 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:55 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:55 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:55 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:55 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS

Sample Information

Client Sample ID: L5 **York Sample ID:** 17G0906-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17G0906	SAC Kingston Downgradient MWS	Water	July 25, 2017 10:24 am	07/26/2017

Volatile Organics, 8260 List

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
75-09-2	Methylene chloride	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:55 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
91-20-3	Naphthalene	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:55 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:55 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:55 CTDOH,NELAC-NY10854,NELAC-NY10854-Qu	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:55 CTDOH,NELAC-NY10854,NELAC-NY10854-Qu	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:55 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:55 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:55 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:55 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:55 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:55 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:55 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:55 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:55 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:55 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:55 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:55 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 03:55 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*92.4 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*110 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*111 %*	*79-122*

Sample Information

Client Sample ID: L14 **York Sample ID:** 17G0906-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17G0906	SAC Kingston Downgradient MWS	Water	July 25, 2017 11:50 am	07/26/2017

Volatile Organics, 8260 List

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	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 04:27	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 04:27	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 04:27	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 04:27	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 04:27	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 04:27	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 04:27	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	07/31/2017 04:27	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	07/31/2017 04:27	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	07/31/2017 04:27	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	07/31/2017 04:27	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 04:27	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 04:27	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 04:27	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 04:27	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 04:27	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 04:27	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 04:27	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 04:27	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	07/31/2017 04:27	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 04:27	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	07/31/2017 04:27	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 04:27	SS

Sample Information

Client Sample ID: L14 **York Sample ID:** 17G0906-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17G0906	SAC Kingston Downgradient MWS	Water	July 25, 2017 11:50 am	07/26/2017

Volatile Organics, 8260 List

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
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 04:27 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 04:27 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
67-64-1	Acetone	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 04:27 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 04:27 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 04:27 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 04:27 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 04:27 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 04:27 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 04:27 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 04:27 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 04:27 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 04:27 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 04:27 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 04:27 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 04:27 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 04:27 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 04:27 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 04:27 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 04:27 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 04:27 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 04:27 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 04:27 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 04:27 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS

Sample Information

Client Sample ID: L14 **York Sample ID:** 17G0906-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17G0906	SAC Kingston Downgradient MWS	Water	July 25, 2017 11:50 am	07/26/2017

Volatile Organics, 8260 List

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
75-09-2	Methylene chloride	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 04:27 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
91-20-3	Naphthalene	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 04:27 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 04:27 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 04:27 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 04:27 CTDOH,NELAC-NY10854,NELAC-NY10854-Qu	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 04:27 CTDOH,NELAC-NY10854,NELAC-NY10854-Qu	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 04:27 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 04:27 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 04:27 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 04:27 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
127-18-4	**Tetrachloroethylene**	**16**		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 04:27 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 04:27 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 04:27 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 04:27 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 04:27 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 04:27 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 04:27 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 04:27 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 04:27 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*93.3 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*110 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*110 %*	*79-122*

Sample Information

Client Sample ID: L4 **York Sample ID:** 17G0906-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17G0906	SAC Kingston Downgradient MWS	Water	July 25, 2017 11:52 am	07/26/2017

Volatile Organics, 8260 List

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	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 05:00	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 05:00	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 05:00	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 05:00	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 05:00	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 05:00	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 05:00	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	07/31/2017 05:00	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	07/31/2017 05:00	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	07/31/2017 05:00	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	07/31/2017 05:00	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 05:00	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 05:00	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 05:00	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 05:00	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 05:00	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 05:00	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 05:00	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 05:00	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	07/31/2017 05:00	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 05:00	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	07/31/2017 05:00	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 05:00	SS

Sample Information

Client Sample ID: L4 **York Sample ID:** 17G0906-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17G0906	SAC Kingston Downgradient MWS	Water	July 25, 2017 11:52 am	07/26/2017

Volatile Organics, 8260 List

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
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 05:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 05:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
67-64-1	Acetone	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 05:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 05:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 05:00 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 05:00 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 05:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 05:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 05:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 05:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 05:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 05:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 05:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 05:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 05:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 05:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 05:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 05:00 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 05:00 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 05:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 05:00 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 05:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 05:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS

Sample Information

Client Sample ID: L4 **York Sample ID:** 17G0906-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17G0906	SAC Kingston Downgradient MWS	Water	July 25, 2017 11:52 am	07/26/2017

Volatile Organics, 8260 List

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
75-09-2	Methylene chloride	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 05:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
91-20-3	Naphthalene	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 05:00 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 05:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 05:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 05:00 CTDOH,NELAC-NY10854,NELAC-NY10854-Qu	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 05:00 CTDOH,NELAC-NY10854,NELAC-NY10854-Qu	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 05:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 05:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 05:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 05:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 05:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 05:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 05:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 05:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 05:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 05:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 05:00 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 05:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 05:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*93.5 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*110 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*111 %*	*79-122*

Sample Information

Client Sample ID: **Equip Blank** **York Sample ID:** **17G0906-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17G0906	SAC Kingston Downgradient MWS	Water	July 25, 2017 6:30 am	07/26/2017

Volatile Organics, 8260 List

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	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 00:08	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 00:08	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 00:08	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 00:08	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 00:08	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 00:08	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 00:08	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	07/31/2017 00:08	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	07/31/2017 00:08	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	07/31/2017 00:08	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	07/31/2017 00:08	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 00:08	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 00:08	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 00:08	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 00:08	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 00:08	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 00:08	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 00:08	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 00:08	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	07/31/2017 00:08	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 00:08	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	07/31/2017 00:08	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 00:08	SS

Sample Information

Client Sample ID: Equip Blank

York Sample ID: 17G0906-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17G0906	SAC Kingston Downgradient MWS	Water	July 25, 2017 6:30 am	07/26/2017

Volatile Organics, 8260 List

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
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:08 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:08 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
67-64-1	Acetone	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:08 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:08 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:08 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:08 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:08 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:08 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:08 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:08 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:08 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:08 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:08 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:08 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:08 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:08 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:08 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:08 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:08 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:08 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:08 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:08 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:08 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS

Sample Information

Client Sample ID: Equip Blank

York Sample ID: 17G0906-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17G0906	SAC Kingston Downgradient MWS	Water	July 25, 2017 6:30 am	07/26/2017

Volatile Organics, 8260 List

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
75-09-2	Methylene chloride	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:08 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
91-20-3	Naphthalene	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:08 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:08 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:08 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:08 CTDOH,NELAC-NY10854,NELAC-NY10854-Qu	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:08 CTDOH,NELAC-NY10854,NELAC-NY10854-Qu	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:08 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:08 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:08 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:08 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:08 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:08 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:08 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:08 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:08 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:08 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:08 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:08 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:08 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*96.2 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*109 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*106 %*	*79-122*

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **17G0906-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17G0906	SAC Kingston Downgradient MWS	Water	July 25, 2017 6:30 am	07/26/2017

Volatile Organics, 8260 List

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	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 00:40	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 00:40	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 00:40	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 00:40	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 00:40	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 00:40	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 00:40	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	07/31/2017 00:40	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	07/31/2017 00:40	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	07/31/2017 00:40	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	07/31/2017 00:40	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 00:40	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 00:40	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 00:40	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 00:40	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 00:40	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 00:40	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 00:40	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 00:40	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	07/31/2017 00:40	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 00:40	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	07/31/2017 00:40	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	07/31/2017 00:40	SS

Sample Information

Client Sample ID: Trip Blank

York Sample ID: 17G0906-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17G0906	SAC Kingston Downgradient MWS	Water	July 25, 2017 6:30 am	07/26/2017

Volatile Organics, 8260 List

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
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:40 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:40 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
67-64-1	Acetone	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:40 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:40 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:40 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:40 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:40 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:40 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:40 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:40 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:40 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:40 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:40 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:40 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:40 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:40 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:40 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:40 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:40 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:40 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:40 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:40 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:40 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS

Sample Information

Client Sample ID: Trip Blank

York Sample ID: 17G0906-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17G0906	SAC Kingston Downgradient MWS	Water	July 25, 2017 6:30 am	07/26/2017

Volatile Organics, 8260 List

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
75-09-2	Methylene chloride	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:40 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
91-20-3	Naphthalene	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:40 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:40 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:40 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:40 CTDOH,NELAC-NY10854,NELAC-NY10854-Qu	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:40 CTDOH,NELAC-NY10854,NELAC-NY10854-Qu	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:40 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:40 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:40 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:40 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:40 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:40 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:40 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:40 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:40 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:40 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:40 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:40 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C Certifications:	07/29/2017 18:41	07/31/2017 00:40 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1(	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*96.1 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*109 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*109 %*	*79-122*

Analytical Batch Summary

Batch ID: BG71241 **Preparation Method:** EPA 5030B **Prepared By:** RDS

YORK Sample ID	Client Sample ID	Preparation Date
17G0906-01	L15	07/29/17
17G0906-02	L15 DUP	07/29/17
17G0906-03	L5	07/29/17
17G0906-04	L14	07/29/17
17G0906-05	L4	07/29/17
17G0906-06	Equip Blank	07/29/17
17G0906-07	Trip Blank	07/29/17
BG71241-BLK1	Blank	07/29/17
BG71241-BS1	LCS	07/29/17
BG71241-BSD1	LCS Dup	07/29/17

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 BG71241 - EPA 5030B											
Blank (BG71241-BLK1)											
Prepared: 07/29/2017 Analyzed: 07/30/2017											
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	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

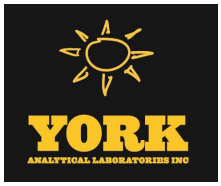
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG71241 - EPA 5030B											
Blank (BG71241-BLK1)								Prepared: 07/29/2017 Analyzed: 07/30/2017			
o-Xylene	ND	5.0	ug/L								
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 acetate	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: 1,2-Dichloroethane-d4	*9.50*		*"*	*10.0*		*95.0*	*69-130*				
Surrogate: Toluene-d8	*10.8*		*"*	*10.0*		*108*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.6*		*"*	*10.0*		*106*	*79-122*				
LCS (BG71241-BS1)								Prepared: 07/29/2017 Analyzed: 07/30/2017			
1,1,1,2-Tetrachloroethane	8.84		ug/L	10.0		88.4	70-132				
1,1,1-Trichloroethane	8.06		"	10.0		80.6	68-138				
1,1,2,2-Tetrachloroethane	10.6		"	10.0		106	73-132				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	7.80		"	10.0		78.0	67-136				
1,1,2-Trichloroethane	10.4		"	10.0		104	79-125				
1,1-Dichloroethane	8.82		"	10.0		88.2	78-128				
1,1-Dichloroethylene	9.03		"	10.0		90.3	68-134				
1,1-Dichloropropylene	8.57		"	10.0		85.7	74-130				
1,2,3-Trichlorobenzene	23.4		"	10.0		234	77-140	High Bias			
1,2,3-Trichloropropane	10.4		"	10.0		104	79-127				
1,2,4-Trichlorobenzene	17.7		"	10.0		177	75-141	High Bias			
1,2,4-Trimethylbenzene	9.91		"	10.0		99.1	78-127				
1,2-Dibromo-3-chloropropane	12.8		"	10.0		128	60-150				
1,2-Dibromoethane	10.2		"	10.0		102	86-123				
1,2-Dichlorobenzene	10.4		"	10.0		104	79-125				
1,2-Dichloroethane	8.60		"	10.0		86.0	69-133				
1,2-Dichloropropane	11.3		"	10.0		113	76-124				
1,3,5-Trimethylbenzene	10.3		"	10.0		103	78-128				
1,3-Dichlorobenzene	9.33		"	10.0		93.3	81-124				
1,3-Dichloropropane	11.1		"	10.0		111	79-125				
1,4-Dichlorobenzene	9.96		"	10.0		99.6	82-124				
2,2-Dichloropropane	5.48		"	10.0		54.8	61-139	Low Bias			
2-Butanone	7.47		"	10.0		74.7	44-169				
2-Chlorotoluene	10.0		"	10.0		100	74-130				
4-Chlorotoluene	10.9		"	10.0		109	75-127				
Acetone	8.84		"	10.0		88.4	29-163				
Benzene	8.78		"	10.0		87.8	72-134				
Bromobenzene	11.0		"	10.0		110	74-129				
Bromochloromethane	10.0		"	10.0		100	69-134				
Bromodichloromethane	10.4		"	10.0		104	76-127				
Bromoform	8.27		"	10.0		82.7	77-137				

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 BG71241 - EPA 5030B											
LCS (BG71241-BS1)								Prepared: 07/29/2017 Analyzed: 07/30/2017			
Bromomethane	5.24		ug/L	10.0		52.4	50-156				
Carbon tetrachloride	7.53		"	10.0		75.3	62-145				
Chlorobenzene	9.77		"	10.0		97.7	85-119				
Chloroethane	7.91		"	10.0		79.1	49-143				
Chloroform	8.87		"	10.0		88.7	74-131				
Chloromethane	8.17		"	10.0		81.7	43-134				
cis-1,2-Dichloroethylene	8.65		"	10.0		86.5	73-134				
cis-1,3-Dichloropropylene	9.78		"	10.0		97.8	77-128				
Dibromochloromethane	9.00		"	10.0		90.0	79-130				
Dibromomethane	10.2		"	10.0		102	78-128				
Dichlorodifluoromethane	9.30		"	10.0		93.0	38-139				
Ethyl Benzene	10.1		"	10.0		101	80-129				
Hexachlorobutadiene	20.6		"	10.0		206	72-141	High Bias			
Isopropylbenzene	10.3		"	10.0		103	76-128				
Methyl tert-butyl ether (MTBE)	8.26		"	10.0		82.6	64-142				
Methylene chloride	9.07		"	10.0		90.7	56-142				
Naphthalene	17.7		"	10.0		177	79-144	High Bias			
n-Butylbenzene	10.7		"	10.0		107	74-132				
n-Propylbenzene	10.6		"	10.0		106	72-135				
o-Xylene	10.0		"	10.0		100	81-123				
p- & m- Xylenes	20.0		"	20.0		100	79-130				
p-Isopropyltoluene	9.20		"	10.0		92.0	80-127				
sec-Butylbenzene	10.1		"	10.0		101	78-127				
Styrene	9.73		"	10.0		97.3	82-124				
tert-Butylbenzene	9.45		"	10.0		94.5	75-131				
Tetrachloroethylene	12.9		"	10.0		129	78-133				
Toluene	10.5		"	10.0		105	83-122				
trans-1,2-Dichloroethylene	9.00		"	10.0		90.0	59-145				
trans-1,3-Dichloropropylene	9.40		"	10.0		94.0	74-131				
Trichloroethylene	10.5		"	10.0		105	81-125				
Trichlorofluoromethane	7.22		"	10.0		72.2	61-144				
Vinyl acetate	8.60		"	10.0		86.0	32-165				
Vinyl Chloride	7.94		"	10.0		79.4	42-136				
Surrogate: 1,2-Dichloroethane-d4	*9.40*		*"*	*10.0*		*94.0*	*69-130*				
Surrogate: Toluene-d8	*11.0*		*"*	*10.0*		*110*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.4*		*"*	*10.0*		*104*	*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 BG71241 - EPA 5030B											
LCS Dup (BG71241-BSD1)								Prepared: 07/29/2017 Analyzed: 07/30/2017			
1,1,1,2-Tetrachloroethane	8.94		ug/L	10.0		89.4	70-132		1.12	30	
1,1,1-Trichloroethane	8.24		"	10.0		82.4	68-138		2.21	30	
1,1,2,2-Tetrachloroethane	11.0		"	10.0		110	73-132		2.97	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	7.87		"	10.0		78.7	67-136		0.893	30	
1,1,2-Trichloroethane	10.6		"	10.0		106	79-125		1.99	30	
1,1-Dichloroethane	8.94		"	10.0		89.4	78-128		1.35	30	
1,1-Dichloroethylene	9.21		"	10.0		92.1	68-134		1.97	30	
1,1-Dichloropropylene	8.44		"	10.0		84.4	74-130		1.53	30	
1,2,3-Trichlorobenzene	23.1		"	10.0		231	77-140	High Bias	1.42	30	
1,2,3-Trichloropropane	10.7		"	10.0		107	79-127		2.46	30	
1,2,4-Trichlorobenzene	17.3		"	10.0		173	75-141	High Bias	2.46	30	
1,2,4-Trimethylbenzene	10.1		"	10.0		101	78-127		2.29	30	
1,2-Dibromo-3-chloropropane	12.6		"	10.0		126	60-150		1.42	30	
1,2-Dibromoethane	10.4		"	10.0		104	86-123		1.95	30	
1,2-Dichlorobenzene	10.8		"	10.0		108	79-125		3.11	30	
1,2-Dichloroethane	8.59		"	10.0		85.9	69-133		0.116	30	
1,2-Dichloropropane	11.6		"	10.0		116	76-124		2.35	30	
1,3,5-Trimethylbenzene	10.5		"	10.0		105	78-128		1.82	30	
1,3-Dichlorobenzene	9.55		"	10.0		95.5	81-124		2.33	30	
1,3-Dichloropropane	11.1		"	10.0		111	79-125		0.451	30	
1,4-Dichlorobenzene	10.3		"	10.0		103	82-124		2.97	30	
2,2-Dichloropropane	5.40		"	10.0		54.0	61-139	Low Bias	1.47	30	
2-Butanone	4.32		"	10.0		43.2	44-169	Low Bias	53.4	30	Non-dir.
2-Chlorotoluene	10.2		"	10.0		102	74-130		1.68	30	
4-Chlorotoluene	11.2		"	10.0		112	75-127		2.35	30	
Acetone	9.29		"	10.0		92.9	29-163		4.96	30	
Benzene	8.93		"	10.0		89.3	72-134		1.69	30	
Bromobenzene	11.3		"	10.0		113	74-129		2.25	30	
Bromochloromethane	10.0		"	10.0		100	69-134		0.399	30	
Bromodichloromethane	10.6		"	10.0		106	76-127		1.90	30	
Bromoform	8.31		"	10.0		83.1	77-137		0.483	30	
Bromomethane	5.39		"	10.0		53.9	50-156		2.82	30	
Carbon tetrachloride	7.62		"	10.0		76.2	62-145		1.19	30	
Chlorobenzene	9.89		"	10.0		98.9	85-119		1.22	30	
Chloroethane	7.95		"	10.0		79.5	49-143		0.504	30	
Chloroform	8.99		"	10.0		89.9	74-131		1.34	30	
Chloromethane	8.29		"	10.0		82.9	43-134		1.46	30	
cis-1,2-Dichloroethylene	8.69		"	10.0		86.9	73-134		0.461	30	
cis-1,3-Dichloropropylene	9.89		"	10.0		98.9	77-128		1.12	30	
Dibromochloromethane	9.23		"	10.0		92.3	79-130		2.52	30	
Dibromomethane	10.3		"	10.0		103	78-128		0.681	30	
Dichlorodifluoromethane	9.40		"	10.0		94.0	38-139		1.07	30	
Ethyl Benzene	10.1		"	10.0		101	80-129		0.594	30	
Hexachlorobutadiene	20.0		"	10.0		200	72-141	High Bias	2.91	30	
Isopropylbenzene	10.6		"	10.0		106	76-128		2.78	30	
Methyl tert-butyl ether (MTBE)	8.28		"	10.0		82.8	64-142		0.242	30	
Methylene chloride	9.10		"	10.0		91.0	56-142		0.330	30	
Naphthalene	17.2		"	10.0		172	79-144	High Bias	3.04	30	
n-Butylbenzene	10.7		"	10.0		107	74-132		0.00	30	
n-Propylbenzene	10.8		"	10.0		108	72-135		1.68	30	
o-Xylene	10.1		"	10.0		101	81-123		0.398	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 BG71241 - EPA 5030B											
LCS Dup (BG71241-BSD1)									Prepared: 07/29/2017 Analyzed: 07/30/2017		
p- & m- Xylenes	20.1		ug/L	20.0		100	79-130		0.299	30	
p-Isopropyltoluene	9.33		"	10.0		93.3	80-127		1.40	30	
sec-Butylbenzene	10.3		"	10.0		103	78-127		2.26	30	
Styrene	9.83		"	10.0		98.3	82-124		1.02	30	
tert-Butylbenzene	9.75		"	10.0		97.5	75-131		3.13	30	
Tetrachloroethylene	13.6		"	10.0		136	78-133	High Bias	5.52	30	
Toluene	10.7		"	10.0		107	83-122		1.51	30	
trans-1,2-Dichloroethylene	9.09		"	10.0		90.9	59-145		0.995	30	
trans-1,3-Dichloropropylene	9.57		"	10.0		95.7	74-131		1.79	30	
Trichloroethylene	10.8		"	10.0		108	81-125		2.73	30	
Trichlorofluoromethane	7.29		"	10.0		72.9	61-144		0.965	30	
Vinyl acetate	8.69		"	10.0		86.9	32-165		1.04	30	
Vinyl Chloride	8.13		"	10.0		81.3	42-136		2.36	30	
Surrogate: 1,2-Dichloroethane-d4	*9.41*		*"*	*10.0*		*94.1*	*69-130*				
Surrogate: Toluene-d8	*11.0*		*"*	*10.0*		*110*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.7*		*"*	*10.0*		*107*	*79-122*				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
17G0906-01	L15	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17G0906-02	L15 DUP	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17G0906-03	L5	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17G0906-04	L14	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17G0906-05	L4	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17G0906-06	Equip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17G0906-07	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

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.

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).

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

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. 17G0906

YOUR Information

Company: Mid-Hudson Geosciences
Address: 1003 Rt 44/55, PO Box 32
Clintondale, NY 12515
Phone No: (845) 883 5726
Contact Person: Kathie Beinkafner
E-Mail Address: rockdoctor@optonline.net

Report To:

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

Invoice To:

Company: Ulster 734 LLC
Address: 734 Ulster Ave, Kingston, NY 12401
Phone No. (845) 594-1505
Attention: Casey Scanlon
E-Mail Address: casey@scanlons.com

YOUR Project ID

SAC Kingston downgradient MWs

Purchase Order No.

Samples from: CT ___ NY ✓ 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.

Katherine J Beinkafner
Samples Collected/Authorized By (Signature)

Katherine J Beinkafner, PhD, CPG
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)
L15	7/25/17 10:22AM	GW	8260 full	3 clear 40ml voa vials
L15 Dup	7/25/17 10:22AM	GW	8260 full	3 clear 40ml voa vials
L5	7/25/17 1024AM	GW	8260 full	3 clear 40ml voa vials
L14	7/25/17 11:50AM	GW	8260 full	3 clear 40ml voa vials
L4	7/25/17 11:52AM	GW	8260 full	3 clear 40ml voa vials
Equip Blank	7/25/17 630AM	Distilled Water		3 clear 40ml voa vials
Trip Blank	7/25/17 630AM	Distilled Water		3 clear 40ml voa vials

Comments
Contaminant of Concern = PCE

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 ☐

Katherine J Beinkafner 7/26/17
Samples Relinquished By Date/Time

Samples Relinquished By Date/Time

Chris C 7-26-17 13:05
Samples Received By Date/Time

Samples Received in LAB by 7-26-17 1550
Date/Time

Temperature on Receipt 1-5 °C

Appendix 7
Data usability Summary Reports
For each of the Laboratory Reports included in
Appendix 6 (except (December 2009 sampling)

American Cleaners Kingston
Ulster County, New York

Interim Remedial Measures Construction Completion Report:

Sub-Slab Vapor Extraction and
Bioremediation of Groundwater
NYSDEC Site Number: V-00601-3

August 29, 2019

Table 10

Summary of Laboratory Reports for Sampling of Variouis Media for Data Validation

All Samples for American Cleaners, Kingston, NY

York Analytical Laboratories

Sampling Conducted by Jansen Engineering PLLC & Mid-Hudson Geosciences

Date of Sampling	Report ID	Report Date	Type of Sampling	No Samples	No Blanks	No MS/D	Method	ASP_B
Dec 14, 2009	120736	12/24/09	Groundwater on site Monitoring Wells	6 1 dup	1	1	8260 full	yes
Jan 17, 2012	12A0661	1/26/12	Geoprobe ground-water across street	19	2	1	8260 full	yes
Mar 25, 2013	13C0810	4/2/13	Sub-slab soil from under bldg	4	2	0	8260 full	yes
Mar 25, 2013	13C0768	4/2/13	Summa Canisters sub-slab vapor	4	0	0	TO-15,TIC,He	yes
Sep 23, 2013	13I0388	10/2/13	Storm Drain Soil on site	8	2	0	8260 full	yes
Nov 26, 2013	13K0219	11/18/13	Groundwater on and off site	15	2	0	8260 full	yes
Nov 30-Dec 1, 2015	15L0069	12/9/15	Groundwater all Monitoring Wells	4	2	0	8260 full	yes
Dec 3-4, 2015	15L0243	13/14/15	Part 2	7 1 dup	2	1	8260 full	yes
11/29/16	16K1174	12/7/16	Sub Slab Soil Vapor	4 VES points	TB, EB	0	TO-15	yes
4/11/17	17D0415	4/20/17	SACK-GW part 1	4 wells, 1 dup	TB, EB	0	8260C	yes
4/19/17	17D0839	5/2/17	SACK-GW part 2	7 wells	TB, EB	0	8260C	yes
7/25/17	17G0906	8/1/17	LPP	4 wells, 1 dup	TB, EB	0	8260C	yes

Nancy J. Potak, Data Validation Specialist **February 19, 2018**
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DATA USABILITY SUMMARY REPORT

Review of NY ASP/CLP B Package
York Analytical Laboratories Report No. 12A0661 1/26/2012
American Cleaners, Kingston, NY
Geoprobe Sampling of Groundwater

Water Volatile Organic Analyses by Method SW846 8260C
Samples Collected: January 17th & 18th, 2012
Samples Received: January 19, 2012
Sample Delivery Group: 12A0661
Laboratory – York Analytical Laboratories
Laboratory Reference Numbers:

York Sample ID	Client Sample ID	Collected
12A0661-01	6D	01/17/2012
12A0661-02	6S	01/17/2012
12A0661-03	8D	01/17/2012
12A0661-04	8S	01/17/2012
12A0661-05	7D	01/17/2012
12A0661-06	7S	01/17/2012
12A0661-07	2D	01/17/2012
12A0661-08	2S	01/17/2012
12A0661-09	3D	01/17/2012
12A0661-10	3S	01/17/2012
12A0661-11	5D	01/18/2012
12A0661-12	5S	01/18/2012
12A0661-13	4D	01/18/2012
12A0661-14	4S	01/18/2012
12A0661-15	1D	01/18/2012
12A0661-16	1S	01/18/2012
12A0661-16 MS	1S MS	01/18/2012
12A0661-16 MSD	1S MSD	01/18/2012
12A0661-17	13S	01/18/2012
12A0661-18	10D	01/18/2012
12A0661-19	10S	01/18/2012
12A0661-20	Field Blank	01/18/2012
12A0661-21	Trip Blank	01/18/2012

Water samples were validated for analyses of volatile organics by the US EPA Region II data validation SOP (HW-24, Revision 2, 2008). Data were reviewed for usability according to the following criteria:

* - Data Completeness
* - GC/MS Tuning
* - Holding Times
- Calibrations
- Laboratory Blanks
- Trip Blanks
* - Field Blank
- Equipment Blank

- Field Duplicate
* - Surrogate Compound Recoveries
* - Internal Standard Recoveries
- Matrix Spike
- Laboratory Control Samples
* - Compound Identification
* - Compound Quantitation

* - Indicates that all criteria were met for this parameter.

DATA VALIDATION SUMMARY

The minor problems with the various blanks, laboratory control samples, matrix spike and calibrations should be noted. These are discussed in detail below.

Holding Times

All of the samples were analyzed within 14 days of collection.

Tunes

No problems were detected with the tunes associated with the samples of this delivery group.

Surrogate Compound Recoveries

All surrogate compound recoveries were within the quality assurance limits.

Initial Calibration

Three initial calibrations were analyzed with this sample delivery group.

All of the %RSDs in the 1/12 initial calibration were less than 20% with the following exceptions.

Compound	%RSD
2-Butanone	22%
Bromoform	21%
1,2-Dibromo-3-chloropropane	26%

This initial calibration was associated with the analyses of the following samples:

12A0661-01	6D
12A0661-02	6S
12A0661-03	8D
12A0661-15	1D
12A0661-17	13S
12A0661-18	10D
12A0661-19	10S

12A0661-20	Field Blank
12A0661-21	Trip Blank

All of the %RSDs in the 1/5 initial calibration were less than 20% with the following exception of bromoform (22%).

This initial calibration was associated with the analyses of the following samples:

12A0661-01	6D
12A0661-04	8S
12A0661-05	7D
12A0661-06	7S
12A0661-07	2D
12A0661-08	2S
12A0661-13	4D
12A0661-14	4S

None of these compounds were detected in any of these samples and the high RPDs do not affect the use of the data.

No problems were found with the third initial calibration.

Continuing Calibration

Four continuing calibrations were analyzed with this sample delivery group.

All of the %Ds in the 1/25 continuing calibration BA20848 were less than 20% with the following exceptions.

Compound	**%D**
1,1,1-Trichloroethane	22%
1,2-Dichloroethane	22%
Carbon Tetrachloride	23%
Dichlorodifluoromethane	21%
Trichlorofluoromethane	33%

This continuing calibration was associated with the analyses of the following samples:

12A0661-09	3D
12A0661-10	3S
12A0661-11	5D
12A0661-12	5S
12A0661-13	4D
12A0661-14	4S
12A0661-15	1D
12A0661-16	1S

All of the %Ds in the continuing calibration BA20876 were less than 20% with the exceptions of chloromethane (24%) and dichlorodifluoromethane (24%).

This continuing calibration was associated with the analyses of the following samples:

12A0661-04	8S
12A0661-05	7D
12A0661-06	7S
12A0661-07	2D
12A0661-08	2S
12A0661-13	4D
12A0661-14	4S

The data for these compounds were flagged with the “J” qualifier and are estimated values.

No problems were found with the remaining two continuing calibrations.

All of the relative response factors (rrfs) were greater than 0.05.

Matrix Spike

Sample 12A0661-16 / 1S was used as the matrix spike and matrix spike duplicate. All recoveries were within the 70% - 130% quality control limits used for the validation with the following exceptions:

Compound	**MS % Rec**	**MSD % Rec**
Chloromethane		63%
Dichlorodifluoromethane	61%	57%

The data for these compounds were flagged with the “J” qualifier and are estimated values.

Laboratory Control Sample

Four laboratory control samples were associated with this SDG.

All LCS recoveries in the BA20848 LCS were within the 70% - 130% quality control limits used for the purpose of the validation in the with the following exceptions:

Compound	**LCS % Rec**	**LCSD % Rec**
Chloromethane	63%	
Dichlorodifluoromethane	68%	

This LCS was associated with the analyses of the following samples:

12A0661-09	3D
12A0661-10	3S
12A0661-11	5D
12A0661-12	5S
12A0661-16	1S

All recoveries in the three other LCS / LCSDs were within the required limits.

All of the RPDs were less than 30%.

Field Duplicates

A field duplicate was not analyzed.

Method Blank

Four method blanks were associated with this SDG.

Methylene chloride (3.3 ug/l) was detected in method blank BA20819 associated with the following samples:

12A0661-01	6D
12A0661-02	6S
12A0661-03	8D

Methylene chloride (10 ug/l) was detected in method blank BA20848 associated with the following samples:

12A0661-09	3D
12A0661-10	3S
12A0661-11	5D
12A0661-12	5S
12A0661-16	1S

Methylene chloride (3.2 ug/l) was detected in method blank BA20876 associated with the following samples:

12A0661-04	8S
12A0661-05	7D
12A0661-06	7S
12A0661-07	2D
12A0661-08	2S
12A0661-13	4D
12A0661-14	4S

Methylene chloride (3.3 ug/l) was detected in method blank BA20885 associated with the following samples:

12A0661-15	1D
12A0661-17	13S
12A0661-18	10D
12A0661-19	10S
12A0661-20	Field Blank
12A0661-21	Trip Blank

Low levels of methylene chloride, less than 5X the concentration in the method blanks were detected in all of the samples.

The methylene chloride data in all the samples were flagged with the “U” and reported at the CRDL.

Trip Blank

Methylene chloride was detected in the trip blank at a concentration of 3.1 ug/l.

Low levels of methylene chloride, less than 5X the concentration in the trip blank were detected in all of the samples.

The methylene chloride data in all the samples were flagged with the “U” and reported at the CRDL.

Field Blank

Methylene chloride was detected in the field blank at a concentration of 2.4 ug/l.

Low levels of methylene chloride, less than 5X the concentration in the field blank were detected in all of the samples.

The methylene chloride data in all the samples were flagged with the “U” and reported at the CRDL.

Equipment Blank

An equipment blank was not analyzed.

Internal Standard Areas and Retention Times

The areas and retention times of all internal standards were within the required quality control limits.

Sample Results

No problems were detected with any of the samples.

Nancy J. Potak, Data Validation Specialist **September 5, 2017**
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ANALYTICAL DATA USABILITY SUMMAR REPORT

Review of NY ASP/CLP B Package
York Analytical Laboratories Report No. 13C0810 4/2/2013
American Cleaners, Kingston, NY
Sub-Slab Soil Samples

Soil and Water Volatile Organic Analyses by Method SW846 8260C
Samples Collected: March 25, ,2013
Samples Received: March 27, ,2013
Sample Delivery Group: 13C0810
Laboratory – York Analytical Laboratories
Laboratory Reference Numbers:

York Sample ID	Client Sample ID
13C0810-01	XP1 0.5-3.0'
13C0810-01 MS	XP1 0.5-3.0' MS
13C0810-02	XP2 0.5-3.0'
13C0810-03	XP3 0.5-3.0'
13C0810-04	XP4 0.5-2.5'
13C0810-05	Trip Blank
13C0810-06	Field Blank

Soil and water samples were validated for analyses of volatile organics by the US EPA Region II data validation SOP (HW-24, Revision 2, 2008). Data were reviewed for usability according to the following criteria:

* - Data Completeness
* - GC/MS Tuning
* - Holding Times
- Calibrations
- Laboratory Blanks
- Trip Blanks
* - Field Blank
- Equipment Blank
- Field Duplicate
* - Surrogate Compound Recoveries
* - Internal Standard Recoveries
- Matrix Spike
- Laboratory Control Samples
* - Compound Identification
* - Compound Quantitation

* - Indicates that all criteria were met for this parameter.

DATA VALIDATION SUMMARY

The laboratory's case narrative states:

The container(s) provided by the client for soil volatiles do not meet the requirements of EPA SW846-5035A or NYSDOH ELAP. Results reported below 200 ug/kg may be biased low due to samples not being collected according to EPA SW846 5035A.

The data were not qualified for the problem with the containers.

The soil samples and the field and trip blanks were analyzed with the same initial calibration. Generally soil and water samples are analyzed on different instruments due to the nature of the sample matrix.

The problems with the laboratory control samples, spike recoveries, blanks and calibrations should also be noted. These are discussed in detail below.

Holding Times

All of the samples were analyzed within 14 days of collection.

Tunes

No problems were detected with the tunes associated with the samples of this delivery group.

Surrogate Compound Recoveries

All surrogate compound recoveries were within the quality assurance limits.

Initial Calibrations

The soil samples and the field and trip blanks were analyzed with the same initial calibration. Generally soil and water samples are analyzed on different instruments due to the nature of the sample matrix.

All of the %RSDs in the 9/7 initial calibration on were less than 20% with the exception of acetone (42%).

The data were only qualified (J) for the high percent RSD if acetone was detected in a sample.

All of the relative response factors (rrfs) were greater than 0.05.

Continuing Calibrations

All of the %Ds in the 9/28 continuing calibration were less than 20% with the exceptions of 1,1,1-trichloroethane (22%), 1,1-dichloroethane (22%), 2,2-dichloropropane (24%), carbon tetrachloride (23%), tetrachloroethylene (27%). This continuing calibration was associated with the analyses of the field and trip blanks.

All of the %Ds in the continuing calibration associated with the soil samples were less than 20% with the following exceptions:

Compound	%D
1,2-Dibromo-3-Chloropropane	24%
Chloromethane	25%
Dichlorodifluoromethane	35%
Tetrachloroethylene(PCE)	42%
Vinyl Acetate	22%

The data for compounds with percent differences greater than 25% were flagged with the “J” qualifier and are estimated values.

Matrix Spike

Sample 13C0810-01 / XP1 0.5-3.0' was used for the matrix spike for the soil samples.

All recoveries were within the 70% - 130% quality control limits used for the data validation with the following exceptions:

Compound	% Rec. MS
1,2,3-Trichlorobenzene	61%
1,2,4-Trichlorobenzene	57%
2-Butanone	61%
Acetone	41%
Bromomethane	68%
Chloromethane	65%
Dichlorodifluoromethane	53%
Methylene Chloride	69%
Naphthalene	64%
Vinyl Acetate	20%
Vinyl Chloride	66%

Compounds with low recoveries were flagged with the “J” qualifier and are estimated values.

Laboratory Control Sample

Two pairs of laboratory control samples were analyzed. All LCS recoveries were within the 70% - 130% quality control limits used for the purpose of the validation with the following exceptions:

The LCS and LCS duplicate, BD30026 was associated with the trip and field blanks.

All recoveries and RPDs were within the quality control limits with the following exceptions:

Compound	%Rec. LCS	%Rec LCSD	RPD
Acetone	67%	54%	
2-Butanone		66%	40%
Vinyl Acetate		57%	35%

The LCS and LCS duplicate, BD30042 was associated with the soil samples.

All recoveries and RPDs were within the quality control limits with the following exceptions:

Compound	%Rec. LCS	%Rec LCSD	RPD
1,4-Dioxane	179%		34%
Acetone	53%	56%	
2-Butanone			
Tetrachloroethylene	133%	145%	
Vinyl Acetate	56%	52%	

The data for the compounds with low recoveries were flagged with the “J” qualifier and are estimated values.

Compounds with recoveries above the quality control limit were only qualified when they were detected in a sample. High recoveries do not affect undetected data.

Field Duplicates

Field Duplicates were not analyzed.

Method Blank

Two method blanks were analyzed.

No compounds were detected in the method blank associated with the field and trip blanks.

Acetone (11 mg/kg) was detected in the 4/02 method blank. This was associated with all of the soil samples.

Concentrations in the sample less than 5X the concentration of the method blank were flagged with the “U” qualifier and are estimated values.

The “B” qualifier was removed from compounds with concentrations greater than 5X the concentration in the method blank.

Trip Blank

A low concentration of naphthalene (1.3J ug/l) was detected in the trip blank.

Naphthalene was not detected in any of the samples and the trip blank contamination does not affect the use of the data.

Field Blank

No compounds were detected in the field blank.

Equipment Blank

An equipment blank was not analyzed.

Internal Standard Areas and Retention Times

The areas and retention times of all internal standards were within the required quality control limits.

Sample Results

No problems were detected with any of the samples.

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ANALYTICAL DATA USABILITY SUMMARY REPORT
Review of NY ASP/CLP B Package
York Analytical Laboratories Report No. 13C0768 4/2/2013
American Cleaners, Kingston, NY
Sub-Slab Vapor Extraction System Samples

Air Volatile Organic Analyses – Soil Vapor
Samples Collected: March 25, 2013
Samples Received: March 27, 2013
Sample Delivery Group: 13C0768
Laboratory – York Analytical Laboratories, Inc.
Laboratory Reference Numbers:

Lab ID	Field Sample ID
13C0768-01	XP1 SC# 06
13C0768-02	XP2 SC# 011
13C0768-03	XP3 SC# S24
13C0768-04	XP4 SC# 64

Air samples were validated for analyses of volatile organics by the US EPA Region II checklist. Data were reviewed for usability according to the following criteria:

* - Data Completeness
* - GC/MS Tuning
* - Holding Times
- Calibrations
* - Laboratory Blanks
- Field Duplicates
* - Surrogate Compound Recoveries
- Internal Standard Recoveries
- Matrix Spike / Matrix Spike Duplicate
- Matrix Duplicate
- Laboratory Control Sample
* - Compound Identification
* - Compound Quantitation

* - Indicates that all criteria were met for this parameter.

DATA VALIDATION SUMMARY

The problems with the laboratory control sample, calibrations and internal standard should be noted. These are described in detail below.

Holding Times

All samples were analyzed within 30 days of collection.

Tunes

No problems were detected with the tunes associated with the samples of this delivery group.

Surrogate Compound Recoveries

All surrogate recoveries were within the 60% - 140% quality control limits used for the validation.

4-Bromofluorobenzene (BFB) was the only surrogate.

Calibrations

All of the %RSDs in the initial calibration associated with the analyses of all of the samples were less than or equal to 30% with the exceptions of vinyl acetate (31%), 2-hexanone (39%), 1,4-dioxane (32%).

None of these compounds were detected in any of the samples and the high %RSDs to not affect the use of undetected data.

All of the percent differences in the continuing calibration were less than 30% with the following exceptions:

Compound	**%D**
1,4-Dioxane (P-Dioxane)	33%
2-Hexanone	34%
4-Ethyltoluene	33%
Isopropanol	35%
Methyl Methacrylate	81%
Vinyl Acetate	34%

The data for these compounds were flagged with the “J” qualifier and are estimated values.

All RRF’s were greater than 0.05.

Matrix Spike

A matrix spike was not analyzed.

Laboratory Duplicate

A laboratory duplicate was not analyzed.

Laboratory Control Sample

All LCS recoveries were within the 70% - 130% quality control limits with the following exceptions:

Compound	% Rec.
1,2,4-Trichlorobenzene	161%
1,2,4-Trimethylbenzene	137%
1,3,5-Trimethylbenzene (Mesitylene)	133%
1,4-Dioxane (P-Dioxane)	134%
2-Hexanone	133%
4-Ethyltoluene	147%
Benzyl Chloride	143%
Ethyl Acetate	134%
Hexachlorobutadiene	139%
Methyl Ethyl Ketone (2-Butanone)	131%
Methyl Methacrylate	17%
O-Xylene (1,2-Dimethylbenzene)	132%
Propylene	132%
Tetrahydrofuran	136%
Vinyl Acetate	133%

None of the compounds with high recoveries were detected in any of the samples. High recoveries do not affect undetected data and the compounds with high recoveries were not required to be qualified.

Methyl methacrylate was not detected in any of the samples. The data for this compound were flagged with the “J” qualifier. It is possible that low concentrations were overlooked.

Method Blanks

No compounds were detected in the method blank.

Internal Standards

All internal standards were within the 60% -140% quality control limits with the exception of 1,4-difluorobenzene (68%) in sample 13C0768-02 / XP2 SC# 011.

The compounds that were quantitated against this internal standard were flagged with the “J” qualifier and are estimated values.

Sample Results

No other problems were found with the sample data.

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ANALYTICAL DATA USABILITY SUMMARY REPORT

Review of NY ASP/CLP B Package
York Analytical Laboratories Report No. 13I0888 10/2/2013
American Cleaners, Kingston, NY
Storm Drain Soil Samples

Soil and Water Volatile Organic Analyses by Method SW846 8260C
Samples Collected: September 23, ,2013
Samples Received: September 25, ,2013
Sample Delivery Group: 13I0888
Laboratory –York Analytical Laboratories
Laboratory Reference Numbers:

York Sample ID	Client Sample ID
13I0888-01	S1 0.5-1.0 ft
13I0888-01 MS	S1 0.5-1.0 ft MS
13I0888-01 RE	S1 0.5-1.0 ft RE
13I0888-02	S2 3.0-3.75 ft
13I0888-02 MS	S2 3.0-3.75 ftMS
13I0888-03	S3 5.0-6.0 ft
13I0888-04	S4 9.5-10.5 ft
13I0888-05	N1 1.0-1.5 ft
13I0888-05 RE	N1 1.0-1.5 ft RE
13I0888-06	N2 5.5-6.5 ft
13I0888-07	N3 9.0-10.0 ft
13I0888-08	Field Blank
13I0888-09	Trip Blank

Soil and water samples were validated for analyses of volatile organics by the US EPA Region II data validation SOP (HW-24, Revision 2, 2008). Data were reviewed for usability according to the following criteria:

- Data Completeness
* - GC/MS Tuning
* - Holding Times
- Calibrations
- Laboratory Blanks
- Trip Blanks
- Field Blank
- Equipment Blank
- Field Duplicate
* - Surrogate Compound Recoveries
* - Internal Standard Recoveries
- Matrix Spike
- Laboratory Control Samples
* - Compound Identification
* - Compound Quantitation

* - Indicates that all criteria were met for this parameter.

DATA VALIDATION SUMMARY

The laboratory's case narrative states:

> *The container(s) provided by the client for soil volatiles do not meet the requirements of EPA SW846-5035A or NYSDOH ELAP. Results reported below 200 ug/kg may be biased low due to samples not being collected according to EPA SW846 5035A.*

The data were not qualified for the problem with the containers.

The laboratory did not included separate FORM I's for low and medium level analyses. The problems with the laboratory control samples, spike recoveries and calibrations should also be noted. These are discussed in detail below.

Holding Times

All of the samples were analyzed within 14 days of collection.

Tunes

No problems were detected with the tunes associated with the samples of this delivery group.

Surrogate Compound Recoveries

All surrogate compound recoveries were within the quality assurance limits.

Initial Calibrations

All of the %RSDs in the 9/12 initial calibration on were less than 20% with the following exceptions:

Compound	**%RSD**
Acetone	35%
Naphthalene	55%
1,2,3-Trichlorobenzene	33%

This initial calibration was associated with the analyses of the following samples:

13I0888-01	S1 0.5-1.0 ft
13I0888-01 MS	S1 0.5-1.0 ft MS
13I0888-01 RE	S1 0.5-1.0 ft RE
13I0888-02	S2 3.0-3.75 ft
13I0888-02 MS	S2 3.0-3.75 ftMS
13I0888-03	S3 5.0-6.0 ft

13I0888-04	S4 9.5-10.5 ft
13I0888-05	N1 1.0-1.5 ft
13I0888-05 RE	N1 1.0-1.5 ft RE
13I0888-06	N2 5.5-6.5 ft
13I0888-07	N3 9.0-10.0 ft

All of the %RSDs in the 9/7 initial calibration on were less than 20% with the following exceptions:

Compound	**%RSD**
Acetone	37%
1,2-Dibromo-3-Chloropropane	25%

This initial calibration was associated with the analyses of the field and trip blanks.

The data were only qualified (J) for the high percent RSDs if one of the compounds was detected in a sample.

All of the relative response factors (rrfs) were greater than 0.05.

Continuing Calibrations

All of the %Ds in the 9/27 continuing calibration were less than 20%.

All of the %Ds in the 9/28 continuing calibration were less than 20% with the one exception of tetrachloroethylene (27%). This continuing calibration was associated with the analyses of the field and trip blanks.

All of the %Ds in the 10/01 continuing calibration were less than 20% with the following exceptions:

Compound	**%D**
1,1-Dichloroethane	30%
1,2,3-Trichlorobenzene	22%
1,2,4-Trichlorobenzene	22%
Bromomethane	21%
Methyl Ethyl Ketone (2-Butanone)	38%
Naphthalene	28%
Tetrachloroethylene(PCE)	21%

This continuing calibration was associated with the analyses of the following samples:

13I0888-01 RE	S1 0.5-1.0 ft RE
13I0888-02	S2 3.0-3.75 ft
13I0888-05 RE	N1 1.0-1.5 ft RE

The data for compounds with percent differences greater than 25% were flagged with the “J” qualifier and are estimated values.

Matrix Spike

Two matrix spikes were analyzed.

Sample 13I0888-01 / S1 0.5-1.0 ft was used for the first matrix spike.

All recoveries were within the 70% - 130% quality control limits used for the data validation with the following exceptions:

Compound	% Rec. MS
1,1,2,2-Tetrachloroethane	67%
1,1-Dichloropropene	66%
1,2,3-Trichlorobenzene	12%
1,2,4-Trichlorobenzene	12%
1,2,4-Trimethylbenzene	37%
1,2-Dibromo-3-Chloropropane	53%
1,2-Dibromoethane (Ethylene Dibromide)	62%
1,2-Dichlorobenzene	32%
1,3,5-Trimethylbenzene (Mesitylene)	65%
1,3-Dichlorobenzene	31%
1,3-Dichloropropane	56%
1,4-Dichlorobenzene	26%
2,2-Dichloropropane	55%
2-Chlorotoluene	52%
4-Chlorotoluene	41%
Acetone	68%
Bromobenzene	45%
Bromomethane	46%
Chlorobenzene	47%
Chloromethane	61%
Cis-1,3-Dichloropropene	59%
Dichlorodifluoromethane	41%
Ethylbenzene	56%
Hexachlorobutadiene	45%
M And P Xylenes	46%
Methyl Ethyl Ketone (2-Butanone)	54%
Methylene Chloride	67%
Naphthalene	8%
N-Butylbenzene	44%
N-Propylbenzene	59%
O-Xylene (1,2-Dimethylbenzene)	56%
P-Cymene (P-Isopropyltoluene)	61%
Sec-Butylbenzene	68%
Styrene	37%
T-Butylbenzene	61%
Tetrachloroethylene(Pce)	554%
Toluene	63%
Trans-1,3-Dichloropropene	48%
Vinyl Acetate	0%
Vinyl Chloride	67%

Sample 13I0888-02 / S2 3.0-3.75 ft was used for the second matrix spike.

All recoveries were within the 70% - 130% quality control limits used for the data validation with the following exceptions:

Compound	% Rec. MS
1,1-Dichloroethane	136%
Vinyl Acetate	28%

Compounds with recoveries less than 10% were flagged with the “R” qualifier and technically rejected if they were not detected in a sample.

Compounds with low recoveries, but greater than 10%, were flagged with the “J” qualifier and are estimated values.

Compounds with high recoveries were only qualified if they were detected in a sample. High recoveries do not affect undetected data.

The samples which did not have an individual matrix spike were qualified with a combination of the qualifiers from both of the matrix spikes.

Laboratory Control Sample

All LCS recoveries were within the 70% - 130% quality control limits used for the purpose of the validation with the following exceptions:

The LCS and LCS duplicate, BI31304 was associated with the following samples:

13I0888-01	S1 0.5-1.0 ft
13I0888-01 MS	S1 0.5-1.0 ft MS
13I0888-03	S3 5.0-6.0 ft
13I0888-04	S4 9.5-10.5 ft
13I0888-05	N1 1.0-1.5 ft
13I0888-06	N2 5.5-6.5 ft
13I0888-07	N3 9.0-10.0 ft

All recoveries and RPDs were within the quality control limits with the following exceptions:

Compound	%Rec. LCS	%Rec LCSD
1,4-Dioxane (P-Dioxane)	601%	573%
Acetone	66%	
Vinyl Acetate	30%	28%

The LCS and LCS duplicate, BI31315 was associated with the analyses of the field and trip blanks.

All recoveries and RPDs were within the quality control limits with the following exceptions:

	%Rec.	%Rec.

Compound	LCS	LCSD
Acetone		65%
Chloromethane	42%	50%
Dichlorodifluoromethane	57%	59%
Tetrachloroethylene(PCE)	138%	137%
Vinyl Acetate	23%	23%

The LCS and LCS duplicate, BJ3003I was associated with the following samples:

13I0888-01 RE	S1 0.5-1.0 ft RE
13I0888-02	S2 3.0-3.75 ft
13I0888-02 MS	S2 3.0-3.75 ft MS
13I0888-05 RE	N1 1.0-1.5 ft RE

All recoveries and RPDs were within the quality control limits with the following exceptions:

Compound	LCS	LCSD
1,4-Dioxane (p-Dioxane)	522%	512%
Acetone	54%	53%
Bromomethane		68%
Chloromethane	68%	61%
Dichlorodifluoromethane	44%	40%
Vinyl Acetate	30%	29%
Vinyl Chloride		65%

The data for these compounds with low recoveries were flagged with the “J” qualifier and are estimated values.

Compounds with recoveries above the quality control limit were only qualified when they were detected in a sample. High recoveries do not affect undetected data.

All of the RPDs were less than 30%.

Field Duplicates

Field Duplicates were not analyzed.

Method Blank

Three method blanks were analyzed.

Acetone (4.3 mg/kg), methylene chloride (3.0 mg/kg) and naphthalene (2.7 mg/l) were detected in the 9/28 method blank. This was associated with the following samples:

13I0888-01	S1 0.5-1.0 ft
13I0888-01 MS	S1 0.5-1.0 ft MS
13I0888-03	S3 5.0-6.0 ft
13I0888-04	S4 9.5-10.5 ft
13I0888-05	N1 1.0-1.5 ft
13I0888-06	N2 5.5-6.5 ft

13I0888-07 N3 9.0-10.0 ft

Concentrations in the sample less than 5X the concentration of the method blank were flagged with the “U” qualifier and are estimated values.

The “B” qualifier was removed from compounds with concentrations greater than 5X the concentration in the method blank.

Acetone (2.8 ug/l) was detected in the 9/28 method blank associated with the analyses of the field and trip blanks.

No compounds were detected in the third method blank.

Trip Blank

Low concentrations of acetone (3.5 ug/l) and methylene chloride (2.5 ug/l) were detected in the trip blank.

Concentrations in the sample less than 5X the concentration of the method blank were flagged with the “U” qualifier and are estimated values.

Field Blank

A low concentration of methylene chloride (2.8 ug/l) was detected in the trip blank.

Concentrations in the sample less than 5X the concentration of the method blank were flagged with the “U” qualifier and are estimated values.

Equipment Blank

An equipment blank was not analyzed.

Internal Standard Areas and Retention Times

The areas and retention times of all internal standards were within the required quality control limits.

Sample Results

Sample 13I0888-01 / S1 0.5-1.0 ft

This sample was originally analyzed on 9/28 with a low level analysis. The concentration of tetrachloroethylene (1,100 ug/kg) was above the linear range of the analysis.

The sample was reanalyzed with a medium level analysis on 10/1.

Only one Organic Analysis Data Sheet (FORM I) was reported, noting the low level analysis on 9/28, but including the tetrachloroethylene data from the reanalysis.

It is standard NYS DEC ASP protocol to submit separate FORM Is for the original and medium level analyses.

Sample 13I0888-05 / N1 1.0-1.5 ft

This sample was originally analyzed on 9/28 with a low level analysis. The concentration of tetrachloroethylene (220 ug/kg) was above the linear range of the analysis.

The sample was reanalyzed with a medium level analysis on 10/1.

Only one Organic Analysis Data Sheet (FORM I) was reported, noting the low level analysis on 9/28, but including the tetrachloroethylene data from the reanalysis.

It is standard NYS DEC ASP protocol to submit separate FORM Is for the original and medium level analyses.

No other problems were detected with any of the samples.

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DATA USABILITY SUMMARY REPORT

Review of NY ASP/CLP B Package
York Analytical Laboratories Report No. 13K0219 11/18/2013
American Cleaners, Kingston, NY
Groundwater On and Off Site

Water Volatile Organic Analyses by Method SW846 8260C
Samples Collected: November 3rd through 5th, 2013
Samples Received: November 7, 2013
Sample Delivery Group: 13K0219
Laboratory – York Analytical Laboratories
Laboratory Reference Numbers:

York Sample ID	Client Sample ID	Collected
13K0219-01	MW1	11/03/2013
13K0219-02	MW2	11/03/2013
13K0219-03	MW3	11/03/2013
13K0219-04	MW4	11/04/2013
13K0219-05	MW5	11/06/2013
13K0219-06	MW5 Duplicate	11/06/2013
13K0219-07	MW6	11/04/2013
13K0219-08	Trip Blank	11/03/2013
13K0219-09	Field Blank	11/03/2013
13K0219-10	MW7	11/04/2013
13K0219-11	MW8	11/04/2013
13K0219-12	MW9	11/04/2013
13K0219-13	MW16	11/06/2013
13K0219-14	MW17	11/06/2013
13K0219-15	LP1 (13-16')	11/05/2013
13K0219-16	LP2 (22-25')	11/05/2013
13K0219-17	LP3 (13-16')	11/05/2013
13K0219-17 MS	LP3 (13-16') MS	11/05/2013

Water samples were validated for analyses of volatile organics by the US EPA Region II data validation SOP (HW-24, Revision 2, 2008). Data were reviewed for usability according to the following criteria:

* * - Data Completeness
* * - GC/MS Tuning
* * - Holding Times
  - Calibrations
* * - Laboratory Blanks
  - Trip Blanks
* * - Field Blank
* * - Equipment Blank
* * - Field Duplicate
* * - Surrogate Compound Recoveries
* * - Internal Standard Recoveries

- Matrix Spike
- Laboratory Control Samples
* - Compound Identification
* - Compound Quantitation

* - Indicates that all criteria were met for this parameter.

DATA VALIDATION SUMMARY

The minor problems with the laboratory control samples, matrix spike, trip blank and calibrations should be noted. These are discussed in detail below.

Holding Times

All of the samples were analyzed within 14 days of collection.

Tunes

No problems were detected with the tunes associated with the samples of this delivery group.

Surrogate Compound Recoveries

All surrogate compound recoveries were within the quality assurance limits.

Initial Calibration

All of the %RSDs in the initial calibration on were less than 20% with the following exceptions:

Compound	%RSD
Methylene Chloride	27%
n-Butylbenzene	29%

Neither of these compounds were detected in any of the samples. The data were not required to be qualified for high %RSDs in undetected data.

Continuing Calibration

All of the %Ds in the continuing calibration BK30727 were less than 20% with the following exceptions.

Compound	%D
Acetone	68%
Methyl Ethyl Ketone (2-Butanone)	45%
Vinyl Acetate	39%

This continuing calibration was associated with the analyses of the following samples:

13K0219-01	MW1
13K0219-02	MW2

All of the %Ds in the continuing calibration BK30787 were less than 20% with the following exceptions.

Compound	**%D**
n-Butylbenzene	25%
Vinyl Acetate	27%

This continuing calibration was associated with the analyses of the following samples:

13K0219-03	MW3
13K0219-04	MW4
13K0219-05	MW5
13K0219-06	MW5 Duplicate
13K0219-07	MW6
13K0219-08	Trip Blank
13K0219-09	Field Blank
13K0219-10	MW7
13K0219-11	MW8
13K0219-12	MW9
13K0219-13	MW16
13K0219-14	MW17
13K0219-15	LP1 (13-16')
13K0219-16	LP2 (22-25')
13K0219-17	LP3 (13-16')

The data for these compounds were flagged with the “J” qualifier and are estimated values.

All of the relative response factors (rrfs) were greater than 0.05.

Matrix Spike

Sample 13K0219-17 / LP3 (13-16') was used as the matrix spike. All recoveries were within the 70% - 130% quality control limits used for the validation with the exception of vinyl acetate (22%).

The vinyl acetate data were flagged with the “J” qualifier and are estimated values.

Laboratory Control Sample

Two laboratory control samples were analyzed.

All LCS recoveries in the BK30727 LCS were within the 70% - 130% quality control limits used for the purpose of the validation in the with the following exceptions:

Compound	**LCS % Rec**	**LCSD % Rec**

Acetone		65%
Vinyl Acetate	26%	26%

This LCS was associated with the analyses of the following samples:

13K0219-01	MW1
13K0219-02	MW2

All LCS recoveries in the BK30798 LCS were within the 70% - 130% quality control limits used for the purpose of the validation in the with the following exceptions:

Compound	**LCS % Rec**	**LCSD % Rec**
Acetone	69%	65%
Vinyl Acetate	27%	25%

This LCS was associated with the analyses of the following samples:

13K0219-03	MW3
13K0219-04	MW4
13K0219-05	MW5
13K0219-06	MW5 Duplicate
13K0219-07	MW6
13K0219-08	Trip Blank
13K0219-09	Field Blank
13K0219-10	MW7
13K0219-11	MW8
13K0219-12	MW9
13K0219-13	MW16
13K0219-14	MW17
13K0219-15	LP1 (13-16')
13K0219-16	LP2 (22-25')
13K0219-17	LP3 (13-16')

The data for these compounds were flagged with the “J” qualifier and are estimated values.

All of the RPDs were less than 30%.

Field Duplicates

Sample 13K0219-05 / MW5 was used as the field duplicate. No compounds were detected in either sample.

Method Blank

No compounds were detected in either method blank.

Trip Blank

Acetone was detected in the Trip Blank at a concentration of 2.6 ug/l.

Acetone was only detected in sample 13K0219-13 / MW16 at a concentration of 2.6 ug/l.

The acetone data in this sample were flagged with the “U” qualifier and reported at the CRDL.

Field Blank

No compounds were detected in the field blank.

Equipment Blank

An equipment blank was not analyzed.

Internal Standard Areas and Retention Times

The areas and retention times of all internal standards were within the required quality control limits.

Sample Results

No problems were detected with any of the samples.

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DATA USABILITY SUMMARY REPORT

Review of NY ASP/CLP B Package
York Analytical Laboratories Report No. 15L0069 12/9/2015
American Cleaners, Kingston, NY
Groundwater Samples

Water Volatile Organic Analyses by Method SW846 8260C
Samples Collected: November 29th & December 1st, 2015
Samples Received: December 2, 2015
Sample Delivery Group: 15L0069
Laboratory – York Analytical Laboratories
Laboratory Reference Numbers:

York Sample ID	Client Sample ID	Collected
15L0069-01	Trip Blank 11/29	11/29/2015
15L0069-02	Equipment Blank	11/29/2015
15L0069-03	MW 9	11/29/2015
15L0069-04	MW 16	11/29/2015
15L0069-05	MW 7	11/29/2015
15L0069-06	Trip Blank 12/1	12/01/2015
15L0069-07	MW 17	12/01/2015

Water samples were validated for analyses of volatile organics by the US EPA Region II data validation SOP (HW-24, Revision 2, 2008). Data were reviewed for usability according to the following criteria:

* - Data Completeness
* - GC/MS Tuning
* - Holding Times
- Calibrations
* - Laboratory Blanks
* - Trip Blanks
- Field Blank
* - Equipment Blank
- Field Duplicate
* - Surrogate Compound Recoveries
* - Internal Standard Recoveries
- Matrix Spike
- Laboratory Control Samples
* - Compound Identification
* - Compound Quantitation

* - Indicates that all criteria were met for this parameter.

DATA VALIDATION SUMMARY

The problems with the laboratory control samples and calibrations should be noted. These are discussed in detail below.

Holding Times

All of the samples were analyzed within 14 days of collection.

Tunes

No problems were detected with the tunes associated with the samples of this delivery group.

Surrogate Compound Recoveries

All surrogate compound recoveries were within the quality assurance limits.

Calibrations

All of the %RSDs in the initial calibration on were less than 20% with the following exceptions:

Compound	%RSD
Acetone	34%
2-Butanone / Methyl Ethyl Ketone	24%

Neither of these compounds were detected in any of the samples. High %RSDs do not affect undetected data and the compounds were not required to be qualified.

All of the %Ds in the continuing calibration were less than 20% with the following exceptions.

Compound	%D
Bromomethane	64%
Chloromethane	34%
Trichlorofluoromethane	24%
Vinyl Acetate	71%
1,2-Dibromo-3-Chloropropane	27%
1,2,4-Trichlorobenzene	32%
Naphthalene	47%
1,2,3-Trichlorobenzene	40%

The data for these compounds were flagged with the “J” qualifier and are estimated values.

All of the relative response factors (rrfs) were greater than 0.05.

Matrix Spike

A matrix spike and matrix spike duplicate were not analyzed.

Laboratory Control Sample

All LCS recoveries were within the 70% - 130% quality control limits used for the purpose of the validation with the following exceptions:

Compound	LCS % Rec	LCSD % Rec
Bromomethane	39%	45%
Vinyl Acetate	27%	27%

The data for these compounds were flagged with the “J” qualifier and are estimated values.

All of the RPDs were less than 30%.

Field Duplicates

Field Duplicates were not analyzed.

Method Blank

No compounds were detected in the one method blank.

Trip Blank

No compounds were detected in the trip blanks.

Field Blank

A field blank was not analyzed.

Equipment Blank

No compounds were detected in the equipment blank.

Internal Standard Areas and Retention Times

The areas and retention times of all internal standards were within the required quality control limits.

Sample Results

No problems were detected with any of the samples.

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DATA USABILITY SUMMARY REPORT

Review of NY ASP/CLP B Package
York Analytical Laboratories Report No. 15L0243 12/14/2015
American Cleaners, Kingston, NY
Groundwater Samples
Part 2 of 2

Water Volatile Organic Analyses by Method SW846 8260C
Samples Collected: December 3rd & 4th, 2015
Samples Received: December 7, 2015
Sample Delivery Group: 15L0243
Laboratory – York Analytical Laboratories
Laboratory Reference Numbers:

York Sample ID	Client Sample ID	Collected
15L0243-01	Trip Blank 12/3/15	12/03/2015
15L0243-02	MW3	12/03/2015
15L0243-03	MW3 Duplicate	12/03/2015
15L0243-04	MW6	12/03/2015
15L0243-04 MS	MW6 MS	12/03/2015
15L0243-04 MSD	MW6 MSD	12/03/2015
15L0243-05	MW4 (deep well)	12/03/2015
15L0243-06	MW8 (RCAL)	12/03/2015
15L0243-07	Trip Blank 12/4/15	12/04/2015
15L0243-08	MW1	12/04/2015
15L0243-09	MW2	12/04/2015
15L0243-10	MW5	12/04/2015

Water samples were validated for analyses of volatile organics by the US EPA Region II data validation SOP (HW-24, Revision 2, 2008). Data were reviewed for usability according to the following criteria:

* - Data Completeness
* - GC/MS Tuning
* - Holding Times
- Calibrations
* - Laboratory Blanks
* - Trip Blanks
- Field Blank
- Equipment Blank
* - Field Duplicate
* - Surrogate Compound Recoveries
* - Internal Standard Recoveries
- Matrix Spike
- Laboratory Control Samples
* - Compound Identification
* - Compound Quantitation

* - Indicates that all criteria were met for this parameter.

DATA VALIDATION SUMMARY

The problems with the matrix spike, laboratory control samples and calibrations should be noted. These are discussed in detail below.

Holding Times

All of the samples were analyzed within 14 days of collection.

Tunes

No problems were detected with the tunes associated with the samples of this delivery group.

Surrogate Compound Recoveries

All surrogate compound recoveries were within the quality assurance limits.

Calibrations

All of the %RSDs in the initial calibration on were less than 20% with the following exceptions:

Compound	%RSD
Acetone	50%
Bromomethane	31%
2-Butanone / Methyl Ethyl Ketone	26%

None of these compounds were detected in any of the samples. High recoveries do not affect undetected data and the compounds were not required to be qualified.

All of the %Ds in the continuing calibration were less than 20% with the following exceptions.

Compound	%D
2,2-Dichloropropane	30%
Bromomethane	28%
Chloromethane	40%
Vinyl Acetate	75%

The data for these compounds were flagged with the “J” qualifier and are estimated values.

All of the relative response factors (rrfs) were greater than 0.05.

Matrix Spike

Sample 15L0243-04 / MW6 was used as the matrix spike and matrix spike duplicate.

All recoveries were within the 70% - 130% quality control limits used for the purpose of the validation with the following exceptions:

Compound	MS % Rec	MSD % Rec
Chloromethane	60%	
Dichlorodifluoromethane	55%	64%
Tetrachloroethylene	0%	11%
Vinyl Acetate	23%	26%
2,2-Dichloropropane	61%	64%
2-Butanone	62%	61%

The concentration of tetrachloroethylene in the sample was 69 ug/l. A 10 ug/l spike was added.

The concentration of tetrachloroethylene in the sample was too high to calculate an accurate recovery.

The data for chloromethane, dichlorodifluoromethane, vinyl acetate, 2,2-dichloropropane and 2-butanone were flagged with the “J” qualifier and are estimated values.

All of the RPDs were less than 30%.

Laboratory Control Sample

All LCS recoveries were within the 70% - 130% quality control limits used for the purpose of the validation with the following exceptions:

Compound	LCS % Rec	LCSD % Rec
Bromomethane	152%	168%
Chloromethane	66%	65%
Vinyl Acetate	28%	27%
2,2-Dichloropropane		68%

The data for chloromethane, vinyl acetate and 2,2-dichloropropance were flagged with the “J” qualifier and are estimated values.

Bromomethane was not detected in any of the samples and the high recoveries did not affect the use of the data.

All of the RPDs were less than 30%.

Field Duplicates

Samples 15L0243-02 / MW3 and 15L0243-03 / MW3 Duplicate were used for the field duplicates. No compounds were detected in either sample.

Method Blank

No compounds were detected in the one method blank.

Trip Blank

No compounds were detected in the trip blanks.

Field Blank

A field blank was not analyzed.

Equipment Blank

A field blank was not analyzed.

Internal Standard Areas and Retention Times

The areas and retention times of all internal standards were within the required quality control limits.

Sample Results

No problems were detected with any of the samples.

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DATA USABILITY SUMMARY REPORT

Review of NY ASP/CLP B Package
York Analytical Laboratories Report No. 16K1174 12/7/2016
American Cleaners, Kingston, NY
Sub-Slab Vapor Extraction System Samples

Air Volatile Organic Analyses – Soil Vapor
Samples Collected: November 29, 2016
Samples Received: November 30, 2016
Sample Delivery Group: 16K1174
Laboratory – York Analytical Laboratories, Inc.
Laboratory Reference Numbers:

Lab ID	Field Sample ID
16K1174-01	SACK-NE
16K1174-02	SACK-BD
16K1174-03	SACK-WW
16K1174-04	SACK-NW

Air samples were validated for analyses of volatile organics by the US EPA Region II checklist. Data were reviewed for usability according to the following criteria:

* - Data Completeness
- GC/MS Tuning
* - Holding Times
- Calibrations
* - Laboratory Blanks
- Laboratory Duplicates
- Field Duplicates
* - Surrogate Compound Recoveries
* - Internal Standard Recoveries
- Matrix Spike / Matrix Spike Duplicate
- Laboratory Control Sample
* - Compound Identification
* - Compound Quantitation

* - Indicates that all criteria were met for this parameter.

DATA VALIDATION SUMMARY

Raw data for the tunes were not found in the data package. This was corrected in the laboratory's 6/26/17 revision.

The problems with the laboratory control samples and calibrations should be noted. These are described in detail below.

Holding Times

All samples were analyzed within 30 days of collection.

Tunes

Raw data for the tunes were not found in the data package.

This was corrected in the laboratory's 6/26/17 revision.

Surrogate Compound Recoveries

All surrogate recoveries were within the 60% - 140% quality control limits used for the validation.

4-Bromofluorobenzene (BFB) was the only surrogate.

Initial Calibrations

Two initial calibrations were analyzed with this sample delivery group:

All of the %RSDs in the 10/26/16 initial calibration were less than or equal to 30% with the exception of 1,2,4-trichlorobenzene (42%).

This initial calibration was associated with the analyses of the following samples:

16K1174-03	SACK-WW
16K1174-04	SACK-NW

This compound was not detected in either of the samples and the data were not required to be qualified for the high %RSD.

All of the %RSDs in the 11/22/16 initial calibration were less than or equal to 30% with the exceptions of 2-hexanone (41%), 1,4-dioxane (32%), benzyl chloride (38%) and methylene chloride (58%).

This initial calibration was associated with the analyses of the following samples:

16K1174-01	SACK-NE
16K1174-02	SACK-BD

Methylene chloride was detected in both samples. The data for this compound were flagged with the "J" qualifier and are estimated values.

None of the other compounds were detected in the associated samples.

Continuing Calibrations

All of the percent differences in the 12/5/16 continuing calibration were less than 30% with the exceptions of 1,3-butadiene (35%). chloromethane (41%) and vinyl chloride (35%).

This continuing calibration was associated with the analyses of the following samples:

16K1174-01	SACK-NE
16K1174-02	SACK-BD

The data for these compounds were flagged with the “J” qualifier and are estimated values.

All of the percent differences in the 12/1/16 continuing calibration were less than 30%.

This continuing calibration was associated with the analyses of the following samples:

16K1174-03	SACK-WW
16K1174-04	SACK-NW

All of the relative response factors (RRF) were greater than 0.05.

Matrix Spike

A matrix spike was not analyzed.

Laboratory Duplicate

A laboratory duplicate was not analyzed.

Field Duplicate

A field duplicate was not collected.

Laboratory Control Sample

All LCS recoveries were within the 70% - 130% quality control limits in LCS BL60211-BS1 with the following exceptions:

Compound	**% Rec.**
1,3-Butadiene	133%
Chloromethane	138%
Ethyl Acetate	134%
Vinyl Chloride	134%

This laboratory control sample was associated with the analyses of the following samples:

16K1174-01	SACK-NE
16K1174-02	SACK-BD

None of the compounds with high recoveries were detected in any of the samples. High recoveries do not affect undetected data and the compounds with high recoveries were not required to be qualified.

All LCS recoveries were within the 70% - 130% quality control limits in LCS BL60087-BS1 with the following exceptions:

Compound	**% Rec.**
1,2,4-Trichlorobenzene	66%
Acetone	66%
n-Hexane	68%
Propylene	69%

This laboratory control sample was associated with the analyses of the following samples:

16K1174-03	SACK-WW
16K1174-04	SACK-NW

None of these compounds were detected in any of the samples. The data for these compounds were flagged with the “J” qualifier and are estimated values. It is possible that low concentrations were overlooked.

Method Blanks

No compounds were detected in either of the two method blanks.

Internal Standards

All internal standards were within the 60% -140% quality control limits.

Sample Results

No other problems were found with the sample data.

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DATA USABILITY SUMMARY REPORT

Review of NY ASP/CLP B Package
York Analytical Laboratories Report No. 17D0415 4/20/2017
American Cleaners, Kingston, NY
Groundwater Samples, part 1 of 2

Water Volatile Organic Analyses by Method SW846 8260C
Samples Collected: April 11, 2017
Samples Received: April 12, 2017
Sample Delivery Group: 17D0415
Laboratory – York Analytical Laboratories
Laboratory Reference Numbers:

York Sample ID	Client Sample ID
17D0415-01	MW9
17D0415-02	MW16
17D0415-03	MW17
17D0415-04	MW7
17D0415-05	MW7 DUPLICATE
17D0415-06	Equip Blank
17D0415-07	Trip Blank

Water samples were validated for analyses of volatile organics by the US EPA Region II data validation SOP (HW-24, Revision 2, 2008). Data were reviewed for usability according to the following criteria:

- Data Completeness
- GC/MS Tuning
* - Holding Times
- Calibrations
- Laboratory Blanks
- Trip Blank
- Field Blank
* - Equipment Blank
* - Field Duplicate
* - Surrogate Compound Recoveries
* - Internal Standard Recoveries
- Matrix Spike
- Laboratory Control Samples
* - Compound Identification
* - Compound Quantitation

* - Indicates that all criteria were met for this parameter.

DATA VALIDATION SUMMARY

The file number for the 4/17 tune at 10:37 was reported as V119283.D on Form 5 (page 71), but as V1119342.D in the raw data (page 207). This was corrected in the laboratory's 6/26/17 revision.

The problems with the laboratory control samples and calibrations should be noted. These are discussed in detail below.

Holding Times

All of the samples were analyzed within 14 days of collection.

Tunes

The file number for the 4/17 tune at 10:37 was reported as V119283.D on Form 5 (page 71), but as V1119342.D in the raw data (page 207).

No other problems were detected with the tunes associated with the samples of this delivery group.

Surrogate Compound Recoveries

All surrogate compound recoveries were within the quality assurance limits.

Initial Calibration

Two initial calibrations were analyzed with this sample delivery group.

All of the %RSDs in the 4/12 initial calibration on were less than 20% with the following exceptions:

Compound	**%RSD**
1,2,3-Trichlorobenzene	22%
Acetone	26%
m,p-Xylene	24%
Naphthalene	32%

This initial calibration was associated with the following samples:

17D0415-01	MW9
17D0415-02	MW16
17D0415-03	MW17
17D0415-04	MW7
17D0415-05	MW7 DUPLICATE

None of these compounds were detected in any of the samples. The data were not required to be qualified for high %RSDs in undetected data.

All of the %RSDs in the 4/11 initial calibration on were less than 20% with the following exceptions:

Compound	%RSD
1,1,1,2-Tetrachloroethane	22%
1,2,3-Trichlorobenzene	26%
Acetone	28%
Bromoform	22%
Methyl Ethyl Ketone (2-Butanone)	34%
P-Cymene (P-Isopropyltoluene)	21%
Styrene	22%

This initial calibration was associated with the following samples:

17D0415-06	Equip Blank
17D0415-07	Trip Blank

Acetone was detected in the trip blank at a concentration of 8.5J ug/l. It was flagged with the "J" qualifier by the laboratory due to the low concentration.

None of the other compounds were detected in any of the samples. The data were not required to be qualified for high %RSDs in undetected data.

Continuing Calibration

Two continuing calibrations were analyzed with this sample delivery group.

All of the %Ds in the 4/18 continuing calibration were less than 20% with the following exceptions.

Compound	%D
1,1,1-Trichloroethane	21%
1,2,3-Trichlorobenzene	40%
1,2-Dibromo-3-Chloropropane	22%
Acetone	27%
Bromomethane	32%
Carbon Tetrachloride	23%
Dichlorodifluoromethane	24%
Naphthalene	24%
Tetrachloroethylene (PCE)	44%

This continuing calibration was associated with the analyses of the following samples:

17D0415-01	MW9
17D0415-02	MW16
17D0415-03	MW17
17D0415-04	MW7
17D0415-05	MW7 DUPLICATE

The data for these compounds were flagged with the "J" qualifier and are estimated values.

The relative response factor of 2-butanone (0.043) was less than the 0.05 quality control limit.

2-Butanone was not detected in these samples. The 2- butanone data were flagged with the “R” qualifier and technically rejected.

All of the %Ds in the 4/18 continuing calibration were less than 20% with the following exceptions.

Compound	%D
1,2,3-Trichlorobenzene	21%
Bromomethane	66%
Naphthalene	34%

This continuing calibration was associated with the analyses of the following samples:

17D0415-06	Equip Blank
17D0415-07	Trip Blank

The data for these compounds were flagged with the “J” qualifier and are estimated values.

The relative response factors of 1,2,3-trichlorobenzene (0.040) and 1,2-dibromo-3-chloropropane (0.040) were less than the 0.05 quality control limit.

None of these compounds were detected in the samples. The data for these compounds were flagged with the “R” qualifier and technically rejected.

Matrix Spike

A matrix spike was not analyzed.

Laboratory Control Sample

Two laboratory control samples were analyzed.

All LCS recoveries in the BD70742-BS1 standard were within the 70% - 130% quality control limits used for the purpose of the validation in the with the following exceptions:

Compound	LCS % Rec.	LCSD % Rec.
1,2,3-Trichlorobenzene		158%
Acetone	68%	
Naphthalene	131%	144%

This LCS was associated with the analyses of the following samples:

17D0415-01	MW9
17D0415-02	MW16
17D0415-03	MW17
17D0415-04	MW7
17D0415-05	MW7 DUPLICATE
17D0415-06	Equip Blank
17D0415-07	Trip Blank

All LCS recoveries in the BD70777-BSD standard were within the 70% - 130% quality control limits used for the purpose of the validation in the with the following exceptions:

Compound	**LCS % Rec.**	**LCSD % Rec.**
1,2,3-Trichlorobenzene	137%	123%
Bromomethane	44%	55%
Naphthalene	140%	

This LCS was associated with the analyses of the following samples:

17D0415-06	Equip Blank
17D0415-07	Trip Blank

The data for compounds with low recoveries were flagged with the “J” qualifier and are estimated values.

Compounds with high recoveries were flagged with the “J” when they were detected in a sample. High recoveries do not affect the use of undetected data.

All of the RPDs were less than 30%.

Field Duplicates

Sample 17D0415-04 / MW7 was used as the field duplicate.

Tetrachloroethylene was detected in both samples at concentrations of 17 ug/l and 29 ug/l. The RPD was 52%. The data for these compounds were flagged with the “J” qualifier in both of these samples and are estimated values.

No other compounds were detected in either sample.

Method Blank

1,2,3-Trichlorobenzene was detected in method blank BD70742-BLK1 at a concentration of 2.7 ug/l.

This method blank was associated with the following samples:

17D0415-01	MW9
17D0415-02	MW16
17D0415-03	MW17
17D0415-04	MW7

17D0415-05 MW7 DUPLICATE

This compound was not detected in any of the samples and the blank contamination does not affect the use of the data.

1,2,3-Trichlorobenzene (3.2 ug/l), 1,2,4-trichlorobenzene (3.2 ug/l) and naphthalene (6.6 ug/l) were detected in method blank BD70777-EPA 5030B.

This method blank was associated with the following samples:

17D0415-06 Equip Blank
17D0415-07 Trip Blank

These compounds were not detected in any of these samples and the blank contamination does not affect the use of the data.

Trip Blank

Acetone was detected in the Trip Blank at a concentration of 8.5 ug/l.

Acetone was not detected in any of the samples and the blank contamination does not affect the use of the data.

Field Blank

A field blank was not analyzed.

Equipment Blank

No compounds were detected in the equipment blank.

Internal Standard Areas and Retention Times

The areas and retention times of all internal standards were within the required quality control limits.

Sample Results

No problems were detected with any of the samples.

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DATA USABILITY SUMMARY REPORT

Review of NY ASP/CLP B Package
York Analytical Laboratories Report No. 17D0839 5/2/2017
American Cleaners, Kingston, NY
Groundwater Samples, part 2 of 2

Water Volatile Organic Analyses by Method SW846 8260C
Samples Collected: April 19th & 20th, 2017
Samples Received: April 21, 2017
Sample Delivery Group: 17D0839
Laboratory – York Analytical Laboratories
Laboratory Reference Numbers:

York Sample ID	Client Sample ID	Date Collected
17D0839-01	Trip Blank	04/19/2017
17D0839-02	MW3	04/19/2017
17D0839-03	MW2	04/19/2017
17D0839-04	MW1	04/19/2017
17D0839-05	MW6	04/19/2017
17D0839-05 MS	MW6 MS	04/19/2017
17D0839-05 MSD	MW6 MSD	04/19/2017
17D0839-06	MW5	04/20/2017
17D0839-07	MW8	04/20/2017
17D0839-08	MW4	04/20/2017
17D0839-09	Equip Blank	04/20/2017

Water samples were validated for analyses of volatile organics by the US EPA Region II data validation SOP (HW-24, Revision 2, 2008). Data were reviewed for usability according to the following criteria:

* - Data Completeness
* - GC/MS Tuning
* - Holding Times
- Calibrations
* - Laboratory Blanks
* - Trip Blank
- Field Blank
* - Equipment Blank
- Field Duplicate
* - Surrogate Compound Recoveries
* - Internal Standard Recoveries
- Matrix Spike
- Laboratory Control Samples
* - Compound Identification
* - Compound Quantitation

* - Indicates that all criteria were met for this parameter.

DATA VALIDATION SUMMARY

The problems with the laboratory control samples, matrix spike, matrix spike duplicate and calibrations should be noted. These are discussed in detail below.

Holding Times

All of the samples were analyzed within 14 days of collection.

Tunes

No problems were detected with the tunes associated with the samples of this delivery group.

Surrogate Compound Recoveries

All surrogate compound recoveries were within the quality assurance limits.

Initial Calibration

All of the %RSDs in the one initial calibration were less than 20% with the following exceptions:

Compound	%RSD
1,2,3-Trichlorobenzene	30%
Bromoform	21%
m,p-Xylene	26%
Methylene Chloride	27%
Naphthalene	22%

None of these compounds were detected in any of the samples. The data were not required to be qualified for high %RSDs in undetected data.

Continuing Calibration

All of the %Ds in the 4/28 continuing calibration were less than 20% with the following exceptions.

Compound	%D
1,1,2-Trichloro-1,2,2-Trifluoroethane	24%
1,2,3-Trichlorobenzene	63%
1,2,4-Trichlorobenzene	32%
Carbon Tetrachloride	22%
Chloromethane	28%
Naphthalene	46%

This continuing calibration was associated with the analyses of all of the samples:

The data for these compounds were flagged with the “J” qualifier and are estimated values.

All relative response factors were greater than the 0.05 quality control limit with the exception of 2-butanone (0.046) and 1,2,3-trichlorobenzene (0.034).

Neither of these compounds were detected in any of the samples. The data for these compounds were technically rejected and flagged with the “R” qualifier.

Matrix Spike

Sample 17D0839-05 / MW6 was used as the matrix spike and matrix spike duplicate.

All recoveries were within the 70% - 130% quality control limits used for the purpose of the validation in the with the following exceptions:

Compound	MS % Rec.	MSD % Rec.	RPD
1,2,3-Trichlorobenzene	66%	202%	102%
1,2,4-Trichlorobenzene		161%	31%
Acetone	66%	66%	
Hexachlorobutadiene	132%	161%	
Naphthalene		186%	90%
Tetrachloroethylene (PCE)	57%	39%	

Data for compounds with low recoveries were flagged with the “J” qualifier and are estimated values.

Compounds with high recoveries were only qualified when they were detected in a sample since high recoveries do not affect the use of undetected data.

Laboratory Control Sample

All LCS recoveries were within the 70% - 130% quality control limits used for the purpose of the validation with the following exceptions:

Compound	LCS % Rec.	LCSD % Rec.
1,2,3-Trichlorobenzene	238%	289%
1,2,4-Trichlorobenzene	160%	182%
Hexachlorobutadiene	143%	157%
Naphthalene	193%	221%
trans-1,3-Dichloropropene	2%	

This LCS was associated with the analyses of all of the samples.

The data for trans-1,3-dichloropropene were flagged with the “R” qualifier and technically rejected since the recovery was less than 10% and the compound was not detected in any of the samples.

Compounds with high recoveries were only qualified when they were detected in a sample since high recoveries do not affect the use of undetected data.

Field Duplicates

A field duplicate was not analyzed.

Method Blank

No compounds were detected in the method blank.

Trip Blank

No compounds were detected in the trip blank.

Field Blank

A field blank was not analyzed.

Equipment Blank

No compounds were detected in the equipment blank.

Internal Standard Areas and Retention Times

The areas and retention times of all internal standards were within the required quality control limits.

Sample Results

No problems were detected with any of the samples.

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DATA USABILITY SUMMARY REPORT

Review of NY ASP/CLP B Package
York Analytical Laboratories Report No. 17G0906 8/1/2017
American Cleaners, Kingston, NY
Groundwater Samples: Lincoln Park Place

Water Volatile Organic Analyses by Method SW846 8260C
Samples Collected: July 25, 2017
Samples Received: July 26, 2017
Sample Delivery Group: 17G0906
Laboratory – York Analytical Laboratories
Laboratory Reference Numbers:

York Sample ID	Client Sample ID
17G0906-01	L15
17G0906-02	L15 DUP
17G0906-03	L5
17G0906-04	L14
17G0906-05	L4
17G0906-06	Equip Blank
17G0906-07	Trip Blank

Water samples were validated for analyses of volatile organics by the US EPA Region II data validation SOP (HW-24, Revision 2, 2008). Data were reviewed for usability according to the following criteria:

* * - Data Completeness
* * - GC/MS Tuning
* * - Holding Times
* - Calibrations
* * - Laboratory Blanks
* * - Trip Blank
* - Field Blank
* * - Equipment Blank
* * - Field Duplicate
* * - Surrogate Compound Recoveries
* * - Internal Standard Recoveries
* - Matrix Spike
* - Laboratory Control Samples
* * - Compound Identification
* * - Compound Quantitation

* - Indicates that all criteria were met for this parameter.

DATA VALIDATION SUMMARY

The problems with the laboratory control samples and calibrations should be noted. These are discussed in detail below.

Holding Times

All of the samples were analyzed within 14 days of collection.

Tunes

No problems were detected with the tunes associated with the samples of this delivery group.

Surrogate Compound Recoveries

All surrogate compound recoveries were within the quality assurance limits.

Initial Calibration

All of the %RSDs in the one initial calibration on were less than 20% with the following exceptions:

Compound	%RSD
1,2,3-Trichlorobenzene	25%
Acetone	30%
Bromomethane	32%
Hexachlorobutadiene	25%

None of these compounds were detected in any of the samples. The data were not required to be qualified for high %RSDs in undetected data.

Continuing Calibration

All of the %Ds in the 6/8 continuing calibration were less than 20% with the following exceptions.

Compound	%D
1,2,3-Trichlorobenzene	153%
1,2,4-Trichlorobenzene	82%
1,2-Dibromo-3-Chloropropane	32%
2,2-Dichloropropane	43%
Bromomethane	49%
Carbon Tetrachloride	23%
Hexachlorobutadiene	104%
Naphthalene	91%
Tetrachloroethylene	40%
Trichlorofluoromethane	26%

This continuing calibration was associated with all of the samples:

The data for compounds with percent differences less than 90% were flagged with the “J” qualifier and are estimated values.

The data for compounds with percent differences greater than 90% were flagged with the “R” qualifier and technically rejected.

All relative response factors were greater than the 0.05 quality control limit.

Matrix Spike

A matrix spike was not analyzed.

Laboratory Control Sample

All LCS recoveries were within the 70% - 130% quality control limits used for the purpose of the validation in the 6/8 LCS with the following exceptions:

Compound	LCS % Rec.	LCSD % Rec.	RPD
1,2,3-Trichlorobenzene	234%	231%	
1,2,4-Trichlorobenzene	177%	173%	
2,2-Dichloropropane	55%	54%	
Bromomethane	52%	54%	
Hexachlorobutadiene	206%	200%	
2-Butanone	43%	53%	
Naphthalene	177%	172%	
Tetrachloroethylene		136%	

Compounds with low recoveries were flagged with the “J” qualifier and are estimated values.

Compounds with high recoveries were only qualified when they were detected in a sample since high recoveries do not affect the use of undetected data.

Field Duplicates

Sample 17G0906-01 / L15 was used as the field duplicate.

No compounds were detected in either sample.

Method Blank

No compounds were detected in the method blanks.

Trip Blank

No compounds were detected in the trip blank.

Field Blank

A field blank was not analyzed.

Equipment Blank

No compounds were detected in the equipment blank.

Internal Standard Areas and Retention Times

The areas and retention times of all internal standards were within the required quality control limits.

Sample Results

No problems were detected with any of the samples.

Appendix 8
EC As-Built Drawings, Documentation, and Drawings, Comparable information is included in the IRM CCR Text, Figures, and Appendix 5 Photolog.

American Cleaners Kingston
Ulster County, New York

Interim Remedial Measures Construction Completion Report:

Sub-Slab Vapor Extraction and
Bioremediation of Groundwater
NYSDEC Site Number: V-00601-3

August 29, 2019