

Advanced Cleanup Technologies, Inc.

ENVIRONMENTAL CONSULTANTS

October 5, 2016

Desiree Clemenza
Signature Bank
68 South Service Road
Melville, NY 11747

Re: Indoor Air and Groundwater Survey
29-31 North Main Street
Port Chester, NY 10573
Tax Map Number: 142.31-1-16

Dear Ms. Clemenza,

Advanced Cleanup Technologies (ACT) performed an Indoor Air and Groundwater Survey at the above referenced property (the subject property) on September 20, 2016. The purpose for the survey was to determine whether Tetrachloroethene (PCE) had impacted air inside or groundwater beneath the subject property.

Previous Investigations

ACT completed a Phase I Environmental Site Assessment (ESA) on July 25, 2016. The Phase I ESA indicated that the subject property had been historically used as a dry cleaning facility. ACT concluded that the historical dry cleaning operations and potential vapor encroachment conditions at the subject property are recognized environmental conditions.

ACT completed a Tier II Vapor Encroachment (VE) Screen on August 30, 2016. The VE Screen included the collection and analysis of two soil vapor samples (SS-1 and SS-2) outside the northern exterior wall of the building. Soil vapor samples could not be collected beneath the basement or crawlspace due to an extremely shallow water table. Soil vapor sample SS-1 was found to contain $250 \mu\text{g}/\text{m}^3$ of PCE, which is above its NYSDOH soil vapor screening level of $100 \mu\text{g}/\text{m}^3$.

ACT concluded that a vapor encroachment condition exists at the subject property and recommended the collection and analysis of indoor air and ground water samples to determine whether soil vapor intrusion was taking place and whether groundwater had been impacted.

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Indoor Air Sampling

On September 20, 2016, two indoor air samples (IA-1 and IA-2) and one crawl space air sample (CS-1) were collected at the locations depicted in Figure 1. Sampling was performed in general conformity with "Guidance for Evaluating Soil Vapor Intrusion in the State of New York," October 2006 (NYSDOH Guidance). Field notes generated during the sampling event are enclosed.

The indoor air samples were collected by placing the sampling containers on a table approximately 3 feet above the floor. The crawl space sample was collected by placing the sampling container on the boiler pad in the crawl space. A 6-Liter stainless steel Summa canister with a flow regulator set to a flow rate of approximately 0.004 liters per minute was opened to initiate sampling. Sampling continued for approximately 24 hours until the canisters were almost full and the regulator was closed.

The indoor air and crawl space samples were transmitted under chain of custody to York Analytical Laboratories, Inc. (NYSDOH #10854). The samples were analyzed for VOCs in accordance with USEPA Method TO-15. Copies of the laboratory reports are also enclosed.

Indoor Air Analysis

Table 1 provided below summarizes the concentrations of chlorinated VOCs detected in the indoor air samples as compared to indoor air guidelines contained in Table 3.1 of the NYSDOH Guidance. Soil vapor samples collected and analyzed during the previous investigation were also included along with Matrix 1 and Matrix 2 screening levels.

It can be seen from Table 1 that PCE was detected in indoor air samples IA-1 and IA-2 at $1.2 \mu\text{g}/\text{m}^3$ and $9 \mu\text{g}/\text{m}^3$ respectively, which are well below its NYSDOH indoor air guideline of $30 \mu\text{g}/\text{m}^3$. PCE was also detected in crawl space air sample CS-1 at $12 \mu\text{g}/\text{m}^3$, which is below the NYSDOH indoor air guideline. A comparison of the indoor air samples with the soil vapor samples indicates that PCE in soil vapor is not impacting air quality inside the building.

It can also be seen from Table 1 that Trichloroethylene (TCE) was detected in indoor air sample IA-2 at $6.9 \mu\text{g}/\text{m}^3$, which is above its NYSDOH indoor air guideline of $2 \mu\text{g}/\text{m}^3$. TCE was also detected in indoor air sample IA-1 at $0.55 \mu\text{g}/\text{m}^3$ and in crawl space sample CS-1 at $0.53 \mu\text{g}/\text{m}^3$, which are well below its NYSDOH indoor air guideline. It can also be seen from Table 1 that TCE was not detected in soil vapor beneath the site. TCE in indoor air appears to be the result of solvents or cleaning products used inside the building and not soil vapor intrusion. Air samples collected in the basement of a building is considered a conservative analysis of indoor air quality. The low concentration of TCE in basement air sample IA-2 indicates that air quality in upper floors should be lower than indoor air guidelines.



The low levels of other VOCs in indoor air are consistent with background concentrations in the metropolitan area and also not the result of vapor intrusion.

Table 1
Chlorinated Volatile Organic Compounds in Soil Vapor

Sample ID	NYSDOH Soil Vapor	NYSDOH Indoor Air	SS-1	SS-2	IA-1	IA-2	CS-1
Sampling Date	Screening Level	Guideline	8/17/16	8/17/16	9/21/16	9/21/16	9/21/16
Parameters							
Trichloroethene	5 ¹	2 ¹	ND	ND	0.55	6.9	0.53
Tetrachloroethene	100 ²	30 ²	250	ND	1.2	9.0	12
Carbon tetrachloride	5 ¹	NA	ND	ND	0.57	7.5	0.45
Vinyl Chloride	5 ¹	NA	ND	ND	ND	4.6	ND
1,1,1-Trichloroethane	100 ²	NA	ND	ND	ND	6.7	ND
1,1-Dichloroethene	100 ²	NA	ND	ND	ND	5.4	ND
cis-1,2-Dichloroethene	100 ²	NA	ND	ND	ND	5.9	ND

All units in µg/m³
 EPA Method TO-15
 Highlighted values signify detection above screening level
 ND= Compound not detected
¹ Matrix 1, NYSDOH "Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York" (October 2006)
² Matrix 2, NYSDOH "Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York" (October 2006)
³ Table 3.1, NYSDOH "Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York" (October 2006)

Groundwater Quality

Groundwater was encountered only a few inches beneath the basement slab. Three groundwater samples were collected from TW-1, TW-2, and TW-3 in the basement and crawl space at the locations depicted in Figure 1. The groundwater samples were collected using a 1” drill bit, a soil vapor probe, and a water pump with dedicated tubing.

The groundwater samples were transferred into laboratory-supplied sampling containers, refrigerated in a cooler, and transmitted under chain of custody to York Analytical Laboratories, Inc. The groundwater samples were analyzed for VOCs in accordance with EPA Method 8260.

It can be seen from Table 2 that no VOCs were detected in the groundwater samples from TW-1, TW-2, or TW-3.

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Desiree Clemenza
Signature Bank



Conclusions

The results of the Indoor Air and Groundwater Survey are contained in this report. Based upon this survey, ACT makes the following conclusions concerning the environmental quality of the subject property:

- No soil vapor intrusion is occurring at the subject property;
- No groundwater impacts were detected at the subject property;
- There is no need for further investigation at the subject property.

Very truly yours,

A handwritten signature in black ink, appearing to read "P. P. Stewart".

Paul P. Stewart, MS, QEP
President
ASTM-Certified Vapor Encroachment

October 5, 2016
Desiree Clemenza
Signature Bank



EXCLUSIONS AND DISCLAIMER

The purpose of this investigation was to assess the potential environmental liabilities at the subject site with respect to data, which Advanced Cleanup Technologies, Inc. has accumulated during the Phase II Environmental Site Assessment. The conclusions presented in this report are based solely on the observations of the site at the time of the investigation. Data provided, including information provided by others, was utilized in assessing the site conditions. The accuracy of this report is subject to the accuracy of the information provided. Advanced Cleanup Technologies, Inc. is not responsible for areas not seen or information not collected. This report is given without a warranty or guarantee of any kind, expressed or implied. Advanced Cleanup Technologies, Inc. assumes no responsibility for losses associated with the use of this report.

FIGURES

N. MAIN STREET

ABENDROTH AVENUE

Court Yard

Laundry

Cafe
Brazil-USA

Not Part

Asphalt
Parking Lot

Gas

Churrascaria Copacabana
Brazilian Steakhouse

1-Story

TW-3
CS-1




IA-1
TW-1

SS-2

IA-2
TW-2

SS-1

Legend

-  Soil Vapor Sample
-  Indoor Air Sample
-  Temporary Well



Sampling Diagram

Advanced Cleanup Technologies, Inc.
ENVIRONMENTAL CONSULTANTS

110 Main Street, Suite 103, Port Washington, New York 11050
Tel: 516-441-5800 Fax: 516-441-5511

Project No.: 9015-PCNY	Figure No.: 1
Date: October 5, 2016	Scale: Not To Scale

TABLES

Table 1							
Volatile Organic Compounds in Indoor Air (ug/m ³ -dry)							
EPA Method TO-15							
29 North Main Street							
Port Chester, NY 10573							
ACT Project No.: 9015-PCNY							
Sample ID	NYSDOH Indoor Air Guideline	IA-1		IA-2		CS-1	
Sampling Date		9/21/16		9/21/16		9/21/16	
Compound		Result	Q	Result	Q	Result	Q
Volatle Organics, EPA TO15	ug/m ³			ug/m ³		ug/m ³	
Dilution Factor		1.286		1.195		1.415	
1,1,1,2-Tetrachloroethane	NA	ND	U	8.1	D	ND	U
1,1,1-Trichloroethane	NA	ND	U	6.7	D	ND	U
1,1,2,2-Tetrachloroethane	NA	ND	U	8.0	D	ND	U
1,1,2-Trichloro-1,2,2-trifluoro	NA	ND	U	9.9	D	ND	U
1,1,2-Trichloroethane	NA	ND	U	6.8	D	ND	U
1,1-Dichloroethane	NA	ND	U	5.3	D	ND	U
1,1-Dichloroethylene	NA	ND	U	5.4	D	ND	U
1,2,4-Trichlorobenzene	NA	4.1	D	12	D	ND	U
1,2,4-Trimethylbenzene	NA	1.4	D	6.6	D	1.1	D
1,2-Dibromoethane	NA	1.5	D	10	D	ND	U
1,2-Dichlorobenzene	NA	1.3	D	7.2	D	ND	U
1,2-Dichloroethane	NA	0.78	D	5.9	D	ND	U
1,2-Dichloropropane	NA	ND	U	6.7	D	ND	U
1,2-Dichlorotetrafluoroethan	NA	ND	U	14	D	ND	U
1,3,5-Trimethylbenzene	NA	0.70	D	5.6	D	ND	U
1,3-Butadiene	NA	ND	U	ND	U	ND	U
1,3-Dichlorobenzene	NA	1.5	D	7.2	D	ND	U
1,3-Dichloropropane	NA	ND	U	5.9	D	ND	U
1,4-Dichlorobenzene	NA	2.0	D	7.4	D	ND	U
1,4-Dioxane	NA	ND	U	5.8	D	ND	U
2-Butanone	NA	5.5	D	4.9	D	1.5	D
2-Hexanone	NA	1.9	D	8.7	D	ND	U
3-Chloropropene	NA	ND	U	4.5	D	ND	U
4-Methyl-2-pentanone	NA	0.79	D	6.3	D	ND	U
Acetone	NA	25	D	18	D	14	D
Acrylonitrile	NA	0.53	D	2.6	D	ND	U
Benzene	NA	1.5	D	5.0	D	0.63	D
Benzyl chloride	NA	ND	U	6.1	D	ND	U
Bromodichloromethane	NA	4.2	D	13	D	ND	U
Bromoform	NA	ND	U	11	D	ND	U
Bromomethane	NA	ND	U	8.4	D	ND	U
Carbon disulfide	NA	0.52	D	5.3	D	ND	U
Carbon tetrachloride	NA	0.57	D	7.5	D	0.45	D
Chlorobenzene	NA	0.59	D	5.9	D	ND	U
Chloroethane	NA	ND	U	ND	U	ND	U
Chloroform	NA	15	D	19	D	3.4	D
Chloromethane	NA	ND	U	ND	U	ND	U
cis-1,2-Dichloroethylene	NA	ND	U	5.9	D	ND	U
cis-1,3-Dichloropropylene	NA	ND	U	5.8	D	ND	U
Cyclohexane	NA	0.62	D	4.9	D	ND	U
Dibromochloromethane	NA	1.1	D	11	D	ND	U
Dichlorodifluoromethane	NA	ND	U	ND	U	ND	U
Ethyl acetate	NA	2.5	D	5.7	D	ND	U
Ethyl Benzene	NA	0.95	D	5.9	D	ND	U
Hexachlorobutadiene	NA	1.4	D	16	D	ND	U
Isopropanol	NA	4.2	D	5.5	D	5.3	D
Methyl Methacrylate	NA	1.5	D	4.8	D	ND	U
Methyl tert-butyl ether (MTB)	NA	ND	U	3.4	D	ND	U
Methylene chloride	60 ³	2.9	D	14	D	4.0	D
n-Heptane	NA	1.4	D	7.4	D	0.58	D
n-Hexane	NA	3.0	D	19	D	1.8	D
o-Xylene	NA	1.1	D	6.0	D	0.61	D
p- & m- Xylenes	NA	2.8	D	13	D	1.4	D
p-Ethyltoluene	NA	1.2	D	6.1	D	0.70	D
Propylene	NA	ND	U	ND	U	ND	U
Styrene	NA	0.99	D	5.1	D	ND	U
Tetrachloroethylene	30 ³	1.2	D	9.0	D	12	D
Tetrahydrofuran	NA	3.3	D	5.1	D	2.8	D
Toluene	NA	4.2	D	8.8	D	3.1	D
trans-1,2-Dichloroethylene	NA	2.0	D	5.4	D	ND	U
trans-1,3-Dichloropropylene	NA	1.1	D	6.1	D	ND	U
Trichloroethylene	2 ³	0.55	D	6.9	D	0.53	D
Trichlorofluoromethane (Freon)	NA	2.7	D	9.5	D	2.2	D
Vinyl acetate	NA	ND	U	ND	U	ND	U
Vinyl bromide	NA	ND	U	5.2	D	ND	U
Vinyl Chloride	NA	ND	U	4.6	D	ND	U

Bolded values signify detection above method detection limit
Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
U=analyte not detected at or above the level indicated
1 Matrix 1, NYSDOH "Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York" (October 2006)
2 Matrix 2, NYSDOH "Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York" (October 2006)
3 Table 3.1, NYSDOH "Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York" (October 2006)
NA = Guidance Value Not Available

Table 2

Volatile Organic Compounds in Water (ug/L)
 EPA Method 8260
 29 North Main Street
 Port Chester, NY 10673

ACT Project No.: 9015-PCNY

Sample ID		NYSDEC TOGS Standards and Guidance Values - GA	TW-1		TW-2		TW-3	
Sampling Date			9/20/16		9/20/16		9/20/16	
Compound	CAS Number		ug/L	Q	ug/L	Q	ug/L	Q
Dilution Factor			1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	5	ND	U	ND	U	ND	U
1,1,1-Trichloroethane	71-55-6	5	ND	U	ND	U	ND	U
1,1,2,2-Tetrachloroethane	79-34-5	5	ND	U	ND	U	ND	U
1,1,2-Trichloro-1,2,2-trifluoro	76-13-1	5	ND	U	ND	U	ND	U
1,1,2-Trichloroethane	79-00-5	1	ND	U	ND	U	ND	U
1,1-Dichloroethane	75-34-3	5	ND	U	ND	U	ND	U
1,1-Dichloroethylene	75-35-4	5	ND	U	ND	U	ND	U
1,2,3-Trichlorobenzene	87-61-6	5	ND	U	ND	U	ND	U
1,2,3-Trichloropropane	96-18-4	0.04	ND	U	ND	U	ND	U
1,2,4-Trichlorobenzene	120-82-1	5	ND	U	ND	U	ND	U
1,2,4-Trimethylbenzene	95-63-6	5	ND	U	ND	U	1.8	
1,2-Dibromo-3-chloropropan	96-12-8	0.04	ND	U	ND	U	ND	U
1,2-Dibromoethane	106-93-4	5	ND	U	ND	U	ND	U
1,2-Dichlorobenzene	95-50-1	3	ND	U	ND	U	ND	U
1,2-Dichloroethane	107-06-2	0.6	ND	U	ND	U	ND	U
1,2-Dichloropropane	78-87-5	1	ND	U	ND	U	ND	U
1,3,5-Trimethylbenzene	108-67-8	5	ND	U	ND	U	0.84	
1,3-Dichlorobenzene	541-73-1	3	ND	U	ND	U	ND	U
1,4-Dichlorobenzene	106-46-7	3	ND	U	ND	U	ND	U
1,4-Dioxane	123-91-1	~	ND	U	ND	U	ND	U
2-Butanone	78-93-3	50	ND	U	ND	U	0.26	J
2-Hexanone	591-78-6	50	ND	U	ND	U	ND	U
4-Methyl-2-pentanone	108-10-1	~	ND	U	ND	U	ND	U
Acetone	67-64-1	50	ND	U	1.5	J	8.4	
Acrolein	107-02-8	~	ND	U	ND	U	ND	U
Acrylonitrile	107-13-1	~	ND	U	ND	U	ND	U
Benzene	71-43-2	1	ND	U	ND	U	0.40	J
Bromochloromethane	74-97-5	5	ND	U	ND	U	ND	U
Bromodichloromethane	75-27-4	50	ND	U	ND	U	ND	U
Bromoform	75-25-2	50	ND	U	ND	U	ND	U
Bromomethane	74-83-9	5	ND	U	ND	U	ND	U
Carbon disulfide	75-15-0	~	0.37	J	0.33	J	0.95	
Carbon tetrachloride	56-23-5	5	ND	U	ND	U	ND	U
Chlorobenzene	108-90-7	5	ND	U	ND	U	ND	U
Chloroethane	75-00-3	5	ND	U	ND	U	ND	U
Chloroform	67-66-3	7	ND	U	ND	U	ND	U
Chloromethane	74-87-3	5	ND	U	ND	U	ND	U
cis-1,2-Dichloroethylene	156-59-2	5	ND	U	ND	U	ND	U
cis-1,3-Dichloropropylene	10061-01-5	0.4	ND	U	ND	U	ND	U
Cyclohexane	110-82-7	~	ND	U	ND	U	ND	U
Dibromochloromethane	124-48-1	50	ND	U	ND	U	ND	U
Dibromomethane	74-95-3	~	ND	U	ND	U	ND	U
Dichlorodifluoromethane	75-71-8	5	ND	U	ND	U	ND	U
Ethyl Benzene	100-41-4	5	ND	U	ND	U	3.1	
Hexachlorobutadiene	87-68-3	0.5	ND	U	ND	U	ND	U
Isopropylbenzene	98-82-8	5	ND	U	ND	U	0.31	J
Methyl acetate	79-20-9	~	ND	U	ND	U	ND	U
Methyl tert-butyl ether (MTBE)	1634-04-4	10	ND	U	ND	U	ND	U
Methylcyclohexane	108-87-2	~	ND	U	ND	U	ND	U
Methylene chloride	75-09-2	5	ND	U	ND	U	ND	U
n-Butylbenzene	104-51-8	5	ND	U	ND	U	0.44	J
n-Propylbenzene	103-65-1	5	ND	U	ND	U	ND	U
o-Xylene	95-47-6	5	ND	U	ND	U	1.4	
p- & m- Xylenes	179601-23-1	5	ND	U	ND	U	2.4	
p-Isopropyltoluene	99-87-6	5	ND	U	ND	U	ND	U
sec-Butylbenzene	135-98-8	5	ND	U	ND	U	ND	U
Styrene	100-42-5	5	ND	U	ND	U	ND	U
tert-Butyl alcohol (TBA)	75-65-0	~	1.6	J	1.8	J	2.5	
tert-Butylbenzene	98-06-6	5	ND	U	ND	U	ND	U
Tetrachloroethylene	127-18-4	5	ND	U	ND	U	ND	U
Toluene	108-88-3	5	ND	U	ND	U	2.0	
trans-1,2-Dichloroethylene	156-60-5	5	ND	U	ND	U	ND	U
trans-1,3-Dichloropropylene	10061-02-6	0.4	ND	U	ND	U	ND	U
Trichloroethylene	79-01-6	5	ND	U	ND	U	ND	U
Trichlorofluoromethane	75-69-4	5	ND	U	ND	U	ND	U
Vinyl Chloride	75-01-4	2	ND	U	ND	U	ND	U
Xylenes, Total	1330-20-7	5	ND	U	ND	U	3.9	

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

APPENDIX A
FIELD NOTES

Site 9015- PCWV
 29 North Main Street Port Chester
 AK Ty BS
 Tues Sept 20th 2016

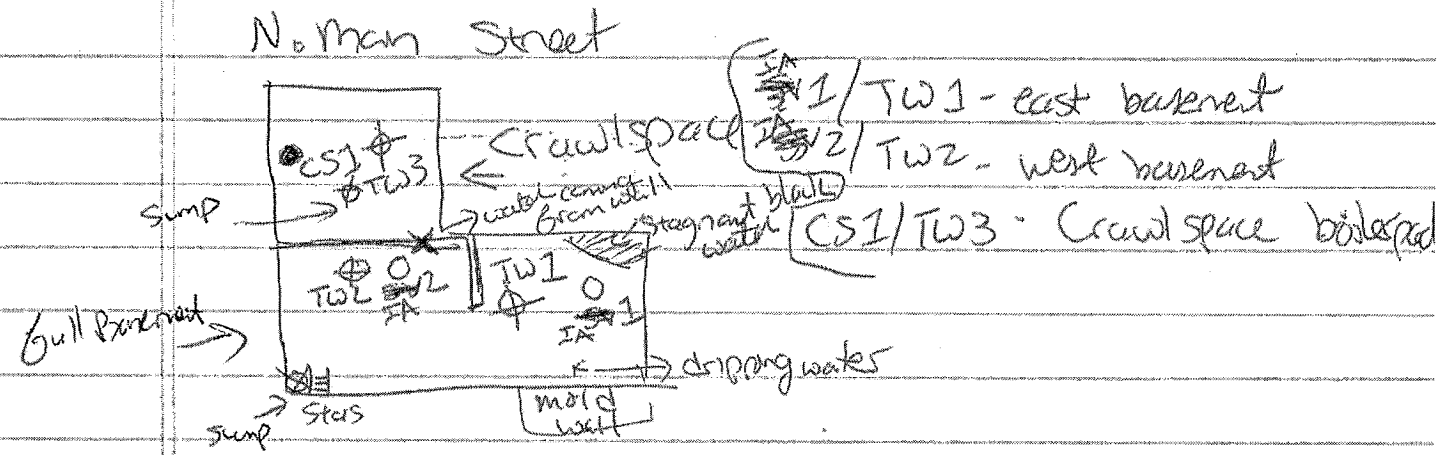
6

24-hour
 constests

SV1 controller# y13 start time: 1350 start pressure: 30
IA1 constest# y52 end time: 1115am end pressure: 8

SV2 controller# 7419 start time: 1350 start pressure: 27
IA2 constest# 15329 end time: 1115am end pressure: 6

CS1 controller# 7417 start time @ 1450 start pressure -29
 constest# 18309 end time: 1120am end pressure: 9

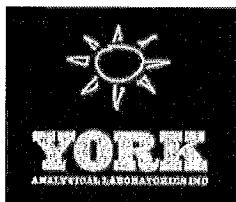


Abendroth Ave

Water Sample Notes:

Sampler collected w/ 1" drill bit using soil vapor probe and water pump w/ dedicated tubing.
 Sampler TW1 + TW2 had powerful sulfur odor from drill holes, TW3 had a moth ball odor that was different & distinct from the gull basement odors. The water in TW1 leaked out of the hole and did not decrease during pumping.
 Other observations: water samples had an algal / organic "sluffy" looking sediment, possibly indicative of sewage/waste water not ground water.

APPENDIX B
LABORATORY REPORTS



Technical Report

prepared for:

Advanced Cleanup Technologies, Inc.
110 Main Street
Port Washington NY, 11050
Attention: Mark Gelband

Report Date: 09/28/2016
Client Project ID: 9015-PCNY
York Project (SDG) No.: 16I0810

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

Report Date: 09/28/2016
Client Project ID: 9015-PCNY
York Project (SDG) No.: 16I0810

Advanced Cleanup Technologies, Inc.

110 Main Street
Port Washington NY, 11050
Attention: Mark Gelband

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on September 22, 2016 and listed below. The project was identified as your project: **9015-PCNY**.

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.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
16I0810-01	IA 1	Indoor Ambient Air	09/21/2016	09/22/2016
16I0810-02	IA 2	Indoor Ambient Air	09/21/2016	09/22/2016
16I0810-03	CS 1	Indoor Ambient Air	09/21/2016	09/22/2016

General Notes for York Project (SDG) No.: 16I0810

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:



Benjamin Gulizia
Laboratory Director

Date: 09/28/2016





Sample Information

Client Sample ID: IA 1

York Sample ID: 1610810-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1610810

9015-PCNY

Indoor Ambient Air

September 21, 2016 3:00 pm

09/22/2016

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/m ³	0.88	0.88	1.286	EPA TO-15 Certifications:	09/26/2016 20:35	09/26/2016 20:35	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.70	0.70	1.286	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 20:35	09/26/2016 20:35	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	0.88	0.88	1.286	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 20:35	09/26/2016 20:35	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	0.99	0.99	1.286	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 20:35	09/26/2016 20:35	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.70	0.70	1.286	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 20:35	09/26/2016 20:35	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.52	0.52	1.286	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 20:35	09/26/2016 20:35	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.51	0.51	1.286	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 20:35	09/26/2016 20:35	LDS
120-82-1	1,2,4-Trichlorobenzene	4.1		ug/m ³	0.95	0.95	1.286	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 20:35	09/26/2016 20:35	LDS
95-63-6	1,2,4-Trimethylbenzene	1.4		ug/m ³	0.63	0.63	1.286	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 20:35	09/26/2016 20:35	LDS
106-93-4	1,2-Dibromoethane	1.5		ug/m ³	0.99	0.99	1.286	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 20:35	09/26/2016 20:35	LDS
95-50-1	1,2-Dichlorobenzene	1.3		ug/m ³	0.77	0.77	1.286	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 20:35	09/26/2016 20:35	LDS
107-06-2	1,2-Dichloroethane	0.78		ug/m ³	0.52	0.52	1.286	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 20:35	09/26/2016 20:35	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.59	0.59	1.286	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 20:35	09/26/2016 20:35	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.90	0.90	1.286	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 20:35	09/26/2016 20:35	LDS
108-67-8	1,3,5-Trimethylbenzene	0.70		ug/m ³	0.63	0.63	1.286	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 20:35	09/26/2016 20:35	LDS
106-99-0	1,3-Butadiene	ND		ug/m ³	0.85	0.85	1.286	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 20:35	09/26/2016 20:35	LDS
541-73-1	1,3-Dichlorobenzene	1.5		ug/m ³	0.77	0.77	1.286	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 20:35	09/26/2016 20:35	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.59	0.59	1.286	EPA TO-15 Certifications:	09/26/2016 20:35	09/26/2016 20:35	LDS
106-46-7	1,4-Dichlorobenzene	2.0		ug/m ³	0.77	0.77	1.286	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 20:35	09/26/2016 20:35	LDS
123-91-1	1,4-Dioxane	ND		ug/m ³	0.93	0.93	1.286	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 20:35	09/26/2016 20:35	LDS
78-93-3	2-Butanone	5.5		ug/m ³	0.38	0.38	1.286	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 20:35	09/26/2016 20:35	LDS
591-78-6	* 2-Hexanone	1.9		ug/m ³	1.1	1.1	1.286	EPA TO-15 Certifications:	09/26/2016 20:35	09/26/2016 20:35	LDS



Sample Information

Client Sample ID: IA 1

York Sample ID: 1610810-01

York Project (SDG) No.
1610810

Client Project ID
9015-PCNY

Matrix
Indoor Ambient Air

Collection Date/Time
September 21, 2016 3:00 pm

Date Received
09/22/2016

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/m ³	2.0	2.0	1.286	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/26/2016 20:35	09/26/2016 20:35	LDS
108-10-1	4-Methyl-2-pentanone	0.79		ug/m ³	0.53	0.53	1.286	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/26/2016 20:35	09/26/2016 20:35	LDS
67-64-1	Acetone	25		ug/m ³	0.61	0.61	1.286	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/26/2016 20:35	09/26/2016 20:35	LDS
107-13-1	Acrylonitrile	0.53		ug/m ³	0.28	0.28	1.286	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/26/2016 20:35	09/26/2016 20:35	LDS
71-43-2	Benzene	1.5		ug/m ³	0.41	0.41	1.286	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/26/2016 20:35	09/26/2016 20:35	LDS
100-44-7	Benzyl chloride	ND		ug/m ³	0.67	0.67	1.286	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/26/2016 20:35	09/26/2016 20:35	LDS
75-27-4	Bromodichloromethane	4.2		ug/m ³	0.86	0.86	1.286	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/26/2016 20:35	09/26/2016 20:35	LDS
75-25-2	Bromoform	ND		ug/m ³	1.3	1.3	1.286	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/26/2016 20:35	09/26/2016 20:35	LDS
74-83-9	Bromomethane	ND		ug/m ³	0.50	0.50	1.286	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/26/2016 20:35	09/26/2016 20:35	LDS
75-15-0	Carbon disulfide	0.52		ug/m ³	0.40	0.40	1.286	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/26/2016 20:35	09/26/2016 20:35	LDS
56-23-5	Carbon tetrachloride	0.57		ug/m ³	0.20	0.20	1.286	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/26/2016 20:35	09/26/2016 20:35	LDS
108-90-7	Chlorobenzene	0.59		ug/m ³	0.59	0.59	1.286	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/26/2016 20:35	09/26/2016 20:35	LDS
75-00-3	Chloroethane	ND		ug/m ³	0.34	0.34	1.286	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/26/2016 20:35	09/26/2016 20:35	LDS
67-66-3	Chloroform	15		ug/m ³	0.63	0.63	1.286	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/26/2016 20:35	09/26/2016 20:35	LDS
74-87-3	Chloromethane	ND		ug/m ³	0.27	0.27	1.286	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/26/2016 20:35	09/26/2016 20:35	LDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.51	0.51	1.286	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/26/2016 20:35	09/26/2016 20:35	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.58	0.58	1.286	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/26/2016 20:35	09/26/2016 20:35	LDS
110-82-7	Cyclohexane	0.62		ug/m ³	0.44	0.44	1.286	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/26/2016 20:35	09/26/2016 20:35	LDS
124-48-1	Dibromochloromethane	1.1		ug/m ³	1.1	1.1	1.286	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/26/2016 20:35	09/26/2016 20:35	LDS
75-71-8	Dichlorodifluoromethane	ND		ug/m ³	0.64	0.64	1.286	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/26/2016 20:35	09/26/2016 20:35	LDS
141-78-6	* Ethyl acetate	2.5		ug/m ³	0.93	0.93	1.286	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/26/2016 20:35	09/26/2016 20:35	LDS
100-41-4	Ethyl Benzene	0.95		ug/m ³	0.56	0.56	1.286	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/26/2016 20:35	09/26/2016 20:35	LDS
87-68-3	Hexachlorobutadiene	1.4		ug/m ³	1.4	1.4	1.286	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/26/2016 20:35	09/26/2016 20:35	LDS



Sample Information

Client Sample ID: IA 1

York Sample ID: 16I0810-01

York Project (SDG) No.
16I0810

Client Project ID
9015-PCNY

Matrix
Indoor Ambient Air

Collection Date/Time
September 21, 2016 3:00 pm

Date Received
09/22/2016

Volatile Organics, EPA TO15 Full List

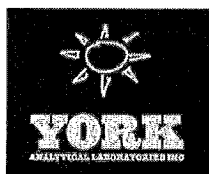
Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to		Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
						LOQ						
67-63-0	Isopropanol	4.2		ug/m ³	0.63	0.63	1.286	EPA TO-15	09/26/2016 20:35	09/26/2016 20:35	LDS	
								Certifications:	NELAC-NY10854,NJDEP			
80-62-6	Methyl Methacrylate	1.5		ug/m ³	0.53	0.53	1.286	EPA TO-15	09/26/2016 20:35	09/26/2016 20:35	LDS	
								Certifications:	NELAC-NY10854,NJDEP			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.46	0.46	1.286	EPA TO-15	09/26/2016 20:35	09/26/2016 20:35	LDS	
								Certifications:	NELAC-NY10854,NJDEP			
75-09-2	Methylene chloride	2.9		ug/m ³	0.89	0.89	1.286	EPA TO-15	09/26/2016 20:35	09/26/2016 20:35	LDS	
								Certifications:	NELAC-NY10854,NJDEP			
142-82-5	n-Heptane	1.4		ug/m ³	0.53	0.53	1.286	EPA TO-15	09/26/2016 20:35	09/26/2016 20:35	LDS	
								Certifications:	NELAC-NY10854,NJDEP			
110-54-3	n-Hexane	3.0		ug/m ³	0.45	0.45	1.286	EPA TO-15	09/26/2016 20:35	09/26/2016 20:35	LDS	
								Certifications:	NELAC-NY10854,NJDEP			
95-47-6	o-Xylene	1.1		ug/m ³	0.56	0.56	1.286	EPA TO-15	09/26/2016 20:35	09/26/2016 20:35	LDS	
								Certifications:	NELAC-NY10854,NJDEP			
179601-23-1	p- & m- Xylenes	2.8		ug/m ³	1.1	1.1	1.286	EPA TO-15	09/26/2016 20:35	09/26/2016 20:35	LDS	
								Certifications:	NELAC-NY10854,NJDEP			
622-96-8	* p-Ethyltoluene	1.2		ug/m ³	0.63	0.63	1.286	EPA TO-15	09/26/2016 20:35	09/26/2016 20:35	LDS	
								Certifications:				
115-07-1	* Propylene	ND		ug/m ³	0.22	0.22	1.286	EPA TO-15	09/26/2016 20:35	09/26/2016 20:35	LDS	
								Certifications:				
100-42-5	Styrene	0.99		ug/m ³	0.55	0.55	1.286	EPA TO-15	09/26/2016 20:35	09/26/2016 20:35	LDS	
								Certifications:	NELAC-NY10854,NJDEP			
127-18-4	Tetrachloroethylene	1.2		ug/m ³	0.22	0.22	1.286	EPA TO-15	09/26/2016 20:35	09/26/2016 20:35	LDS	
								Certifications:	NELAC-NY10854,NJDEP			
109-99-9	* Tetrahydrofuran	3.3		ug/m ³	0.76	0.76	1.286	EPA TO-15	09/26/2016 20:35	09/26/2016 20:35	LDS	
								Certifications:				
108-88-3	Toluene	4.2	B	ug/m ³	0.48	0.48	1.286	EPA TO-15	09/26/2016 20:35	09/26/2016 20:35	LDS	
								Certifications:	NELAC-NY10854,NJDEP			
156-60-5	trans-1,2-Dichloroethylene	2.0		ug/m ³	0.51	0.51	1.286	EPA TO-15	09/26/2016 20:35	09/26/2016 20:35	LDS	
								Certifications:	NELAC-NY10854,NJDEP			
10061-02-6	trans-1,3-Dichloropropylene	1.1		ug/m ³	0.58	0.58	1.286	EPA TO-15	09/26/2016 20:35	09/26/2016 20:35	LDS	
								Certifications:	NELAC-NY10854,NJDEP			
79-01-6	Trichloroethylene	0.55		ug/m ³	0.17	0.17	1.286	EPA TO-15	09/26/2016 20:35	09/26/2016 20:35	LDS	
								Certifications:	NELAC-NY10854,NJDEP			
75-69-4	Trichlorofluoromethane (Freon 11)	2.7		ug/m ³	0.72	0.72	1.286	EPA TO-15	09/26/2016 20:35	09/26/2016 20:35	LDS	
								Certifications:	NELAC-NY10854,NJDEP			
108-05-4	Vinyl acetate	ND		ug/m ³	0.45	0.45	1.286	EPA TO-15	09/26/2016 20:35	09/26/2016 20:35	LDS	
								Certifications:	NELAC-NY10854,NJDEP			
593-60-2	Vinyl bromide	ND		ug/m ³	0.56	0.56	1.286	EPA TO-15	09/26/2016 20:35	09/26/2016 20:35	LDS	
								Certifications:	NELAC-NY10854,NJDEP			
75-01-4	Vinyl Chloride	ND		ug/m ³	0.33	0.33	1.286	EPA TO-15	09/26/2016 20:35	09/26/2016 20:35	LDS	
								Certifications:	NELAC-NY10854,NJDEP			

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	Surrogate: p-Bromofluorobenzene	104 %	72-118



Sample Information

Client Sample ID: IA 2

York Sample ID: 16I0810-02

York Project (SDG) No.
16I0810

Client Project ID
9015-PCNY

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Indoor Ambient Air

Collection Date/Time
September 21, 2016 3:00 pm

Date Received
09/22/2016

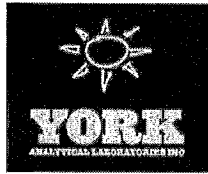
Volatile Organics, EPA TO15 Full List

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	8.1		ug/m ³	0.82	0.82	1.195	EPA TO-15 Certifications:	09/26/2016 22:37	09/26/2016 22:37	LDS
71-55-6	1,1,1-Trichloroethane	6.7		ug/m ³	0.65	0.65	1.195	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 22:37	09/26/2016 22:37	LDS
79-34-5	1,1,2,2-Tetrachloroethane	8.0		ug/m ³	0.82	0.82	1.195	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 22:37	09/26/2016 22:37	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.9		ug/m ³	0.92	0.92	1.195	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 22:37	09/26/2016 22:37	LDS
79-00-5	1,1,2-Trichloroethane	6.8		ug/m ³	0.65	0.65	1.195	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 22:37	09/26/2016 22:37	LDS
75-34-3	1,1-Dichloroethane	5.3		ug/m ³	0.48	0.48	1.195	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 22:37	09/26/2016 22:37	LDS
75-35-4	1,1-Dichloroethylene	5.4		ug/m ³	0.47	0.47	1.195	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 22:37	09/26/2016 22:37	LDS
120-82-1	1,2,4-Trichlorobenzene	12		ug/m ³	0.89	0.89	1.195	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 22:37	09/26/2016 22:37	LDS
95-63-6	1,2,4-Trimethylbenzene	6.6		ug/m ³	0.59	0.59	1.195	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 22:37	09/26/2016 22:37	LDS
106-93-4	1,2-Dibromoethane	10		ug/m ³	0.92	0.92	1.195	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 22:37	09/26/2016 22:37	LDS
95-50-1	1,2-Dichlorobenzene	7.2		ug/m ³	0.72	0.72	1.195	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 22:37	09/26/2016 22:37	LDS
107-06-2	1,2-Dichloroethane	5.9		ug/m ³	0.48	0.48	1.195	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 22:37	09/26/2016 22:37	LDS
78-87-5	1,2-Dichloropropane	6.7		ug/m ³	0.55	0.55	1.195	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 22:37	09/26/2016 22:37	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	14		ug/m ³	0.84	0.84	1.195	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 22:37	09/26/2016 22:37	LDS
108-67-8	1,3,5-Trimethylbenzene	5.6		ug/m ³	0.59	0.59	1.195	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 22:37	09/26/2016 22:37	LDS
106-99-0	1,3-Butadiene	ND		ug/m ³	0.79	0.79	1.195	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 22:37	09/26/2016 22:37	LDS
541-73-1	1,3-Dichlorobenzene	7.2		ug/m ³	0.72	0.72	1.195	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 22:37	09/26/2016 22:37	LDS
142-28-9	* 1,3-Dichloropropane	5.9		ug/m ³	0.55	0.55	1.195	EPA TO-15 Certifications:	09/26/2016 22:37	09/26/2016 22:37	LDS
106-46-7	1,4-Dichlorobenzene	7.4		ug/m ³	0.72	0.72	1.195	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 22:37	09/26/2016 22:37	LDS
123-91-1	1,4-Dioxane	5.8		ug/m ³	0.86	0.86	1.195	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 22:37	09/26/2016 22:37	LDS
78-93-3	2-Butanone	4.9		ug/m ³	0.35	0.35	1.195	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 22:37	09/26/2016 22:37	LDS
591-78-6	* 2-Hexanone	8.7		ug/m ³	0.98	0.98	1.195	EPA TO-15 Certifications:	09/26/2016 22:37	09/26/2016 22:37	LDS
107-05-1	3-Chloropropene	4.5		ug/m ³	1.9	1.9	1.195	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 22:37	09/26/2016 22:37	LDS
108-10-1	4-Methyl-2-pentanone	6.3		ug/m ³	0.49	0.49	1.195	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 22:37	09/26/2016 22:37	LDS



Sample Information

Client Sample ID: IA 2

York Sample ID: 1610810-02

York Project (SDG) No.
1610810

Client Project ID
9015-PCNY

Matrix
Indoor Ambient Air

Collection Date/Time
September 21, 2016 3:00 pm

Date Received
09/22/2016

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to		Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
					LOD/MDL	LOQ					
67-64-1	Acetone	18		ug/m ³	0.57	0.57	1.195	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 22:37	09/26/2016 22:37	LDS
107-13-1	Acrylonitrile	2.6		ug/m ³	0.26	0.26	1.195	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 22:37	09/26/2016 22:37	LDS
71-43-2	Benzene	5.0		ug/m ³	0.38	0.38	1.195	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 22:37	09/26/2016 22:37	LDS
100-44-7	Benzyl chloride	6.1		ug/m ³	0.62	0.62	1.195	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 22:37	09/26/2016 22:37	LDS
75-27-4	Bromodichloromethane	13		ug/m ³	0.80	0.80	1.195	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 22:37	09/26/2016 22:37	LDS
75-25-2	Bromoform	11		ug/m ³	1.2	1.2	1.195	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 22:37	09/26/2016 22:37	LDS
74-83-9	Bromomethane	8.4		ug/m ³	0.46	0.46	1.195	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 22:37	09/26/2016 22:37	LDS
75-15-0	Carbon disulfide	5.3		ug/m ³	0.37	0.37	1.195	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 22:37	09/26/2016 22:37	LDS
56-23-5	Carbon tetrachloride	7.5		ug/m ³	0.19	0.19	1.195	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 22:37	09/26/2016 22:37	LDS
108-90-7	Chlorobenzene	5.9		ug/m ³	0.55	0.55	1.195	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 22:37	09/26/2016 22:37	LDS
75-00-3	Chloroethane	ND		ug/m ³	0.32	0.32	1.195	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 22:37	09/26/2016 22:37	LDS
67-66-3	Chloroform	19		ug/m ³	0.58	0.58	1.195	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 22:37	09/26/2016 22:37	LDS
74-87-3	Chloromethane	ND		ug/m ³	0.25	0.25	1.195	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 22:37	09/26/2016 22:37	LDS
156-59-2	cis-1,2-Dichloroethylene	5.9		ug/m ³	0.47	0.47	1.195	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 22:37	09/26/2016 22:37	LDS
10061-01-5	cis-1,3-Dichloropropylene	5.8		ug/m ³	0.54	0.54	1.195	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 22:37	09/26/2016 22:37	LDS
110-82-7	Cyclohexane	4.9		ug/m ³	0.41	0.41	1.195	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 22:37	09/26/2016 22:37	LDS
124-48-1	Dibromochloromethane	11		ug/m ³	1.0	1.0	1.195	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 22:37	09/26/2016 22:37	LDS
75-71-8	Dichlorodifluoromethane	ND		ug/m ³	0.59	0.59	1.195	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 22:37	09/26/2016 22:37	LDS
141-78-6	* Ethyl acetate	5.7		ug/m ³	0.86	0.86	1.195	EPA TO-15 Certifications:	09/26/2016 22:37	09/26/2016 22:37	LDS
100-41-4	Ethyl Benzene	5.9		ug/m ³	0.52	0.52	1.195	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 22:37	09/26/2016 22:37	LDS
87-68-3	Hexachlorobutadiene	16		ug/m ³	1.3	1.3	1.195	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 22:37	09/26/2016 22:37	LDS
67-63-0	Isopropanol	5.5		ug/m ³	0.59	0.59	1.195	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 22:37	09/26/2016 22:37	LDS
80-62-6	Methyl Methacrylate	4.8		ug/m ³	0.49	0.49	1.195	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 22:37	09/26/2016 22:37	LDS



Sample Information

Client Sample ID: IA 2

York Sample ID: 16I0810-02

York Project (SDG) No.
16I0810

Client Project ID
9015-PCNY

Matrix
Indoor Ambient Air

Collection Date/Time
September 21, 2016 3:00 pm

Date Received
09/22/2016

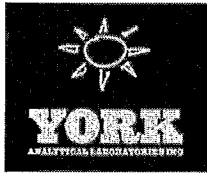
Volatile Organics, EPA TO15 Full List

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
1634-04-4	Methyl tert-butyl ether (MTBE)	3.4		ug/m ³	0.43	0.43	1.195	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/26/2016 22:37	09/26/2016 22:37	LDS
75-09-2	Methylene chloride	14		ug/m ³	0.83	0.83	1.195	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/26/2016 22:37	09/26/2016 22:37	LDS
142-82-5	n-Heptane	7.4		ug/m ³	0.49	0.49	1.195	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/26/2016 22:37	09/26/2016 22:37	LDS
110-54-3	n-Hexane	19		ug/m ³	0.42	0.42	1.195	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/26/2016 22:37	09/26/2016 22:37	LDS
95-47-6	o-Xylene	6.0		ug/m ³	0.52	0.52	1.195	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/26/2016 22:37	09/26/2016 22:37	LDS
179601-23-1	p- & m- Xylenes	13		ug/m ³	1.0	1.0	1.195	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/26/2016 22:37	09/26/2016 22:37	LDS
622-96-8	* p-Ethyltoluene	6.1		ug/m ³	0.59	0.59	1.195	EPA TO-15 Certifications:	09/26/2016 22:37	09/26/2016 22:37	LDS
115-07-1	* Propylene	ND		ug/m ³	0.21	0.21	1.195	EPA TO-15 Certifications:	09/26/2016 22:37	09/26/2016 22:37	LDS
100-42-5	Styrene	5.1		ug/m ³	0.51	0.51	1.195	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/26/2016 22:37	09/26/2016 22:37	LDS
127-18-4	Tetrachloroethylene	9.0		ug/m ³	0.20	0.20	1.195	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/26/2016 22:37	09/26/2016 22:37	LDS
109-99-9	* Tetrahydrofuran	5.1		ug/m ³	0.70	0.70	1.195	EPA TO-15 Certifications:	09/26/2016 22:37	09/26/2016 22:37	LDS
108-88-3	Toluene	8.8	B	ug/m ³	0.45	0.45	1.195	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/26/2016 22:37	09/26/2016 22:37	LDS
156-60-5	trans-1,2-Dichloroethylene	5.4		ug/m ³	0.47	0.47	1.195	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/26/2016 22:37	09/26/2016 22:37	LDS
10061-02-6	trans-1,3-Dichloropropylene	6.1		ug/m ³	0.54	0.54	1.195	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/26/2016 22:37	09/26/2016 22:37	LDS
79-01-6	Trichloroethylene	6.9		ug/m ³	0.16	0.16	1.195	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/26/2016 22:37	09/26/2016 22:37	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	9.5		ug/m ³	0.67	0.67	1.195	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/26/2016 22:37	09/26/2016 22:37	LDS
108-05-4	Vinyl acetate	ND		ug/m ³	0.42	0.42	1.195	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/26/2016 22:37	09/26/2016 22:37	LDS
593-60-2	Vinyl bromide	5.2		ug/m ³	0.52	0.52	1.195	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/26/2016 22:37	09/26/2016 22:37	LDS
75-01-4	Vinyl Chloride	4.6		ug/m ³	0.31	0.31	1.195	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/26/2016 22:37	09/26/2016 22:37	LDS
	Surrogate Recoveries	Result		Acceptance Range							
460-00-4	Surrogate: p-Bromofluorobenzene	108 %		72-118							



Sample Information

Client Sample ID: CS 1

York Sample ID: 16I0810-03

York Project (SDG) No.
16I0810

Client Project ID
9015-PCNY

Matrix
Indoor Ambient Air

Collection Date/Time
September 21, 2016 3:00 pm

Date Received
09/22/2016

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/m ³	0.97	0.97	1.415	EPA TO-15 Certifications:	09/26/2016 23:39	09/26/2016 23:39	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.77	0.77	1.415	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 23:39	09/26/2016 23:39	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	0.97	0.97	1.415	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 23:39	09/26/2016 23:39	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	1.1	1.1	1.415	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 23:39	09/26/2016 23:39	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.77	0.77	1.415	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 23:39	09/26/2016 23:39	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.57	0.57	1.415	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 23:39	09/26/2016 23:39	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.56	0.56	1.415	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 23:39	09/26/2016 23:39	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	1.1	1.1	1.415	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 23:39	09/26/2016 23:39	LDS
95-63-6	1,2,4-Trimethylbenzene	1.1		ug/m ³	0.70	0.70	1.415	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 23:39	09/26/2016 23:39	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m ³	1.1	1.1	1.415	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 23:39	09/26/2016 23:39	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.85	0.85	1.415	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 23:39	09/26/2016 23:39	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.57	0.57	1.415	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 23:39	09/26/2016 23:39	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.65	0.65	1.415	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 23:39	09/26/2016 23:39	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.99	0.99	1.415	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 23:39	09/26/2016 23:39	LDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	0.70	0.70	1.415	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 23:39	09/26/2016 23:39	LDS
106-99-0	1,3-Butadiene	ND		ug/m ³	0.94	0.94	1.415	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 23:39	09/26/2016 23:39	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.85	0.85	1.415	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 23:39	09/26/2016 23:39	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.65	0.65	1.415	EPA TO-15 Certifications:	09/26/2016 23:39	09/26/2016 23:39	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.85	0.85	1.415	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 23:39	09/26/2016 23:39	LDS
123-91-1	1,4-Dioxane	ND		ug/m ³	1.0	1.0	1.415	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 23:39	09/26/2016 23:39	LDS
78-93-3	2-Butanone	1.5		ug/m ³	0.42	0.42	1.415	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 23:39	09/26/2016 23:39	LDS
591-78-6	* 2-Hexanone	ND		ug/m ³	1.2	1.2	1.415	EPA TO-15 Certifications:	09/26/2016 23:39	09/26/2016 23:39	LDS



Sample Information

Client Sample ID: CS 1

York Sample ID: 1610810-03

York Project (SDG) No.
1610810

Client Project ID
9015-PCNY

Matrix
Indoor Ambient Air

Collection Date/Time
September 21, 2016 3:00 pm

Date Received
09/22/2016

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/m ³	2.2	2.2	1.415	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/26/2016 23:39	09/26/2016 23:39	LDS
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.58	0.58	1.415	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/26/2016 23:39	09/26/2016 23:39	LDS
67-64-1	Acetone	14		ug/m ³	0.67	0.67	1.415	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/26/2016 23:39	09/26/2016 23:39	LDS
107-13-1	Acrylonitrile	ND		ug/m ³	0.31	0.31	1.415	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/26/2016 23:39	09/26/2016 23:39	LDS
71-43-2	Benzene	0.63		ug/m ³	0.45	0.45	1.415	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/26/2016 23:39	09/26/2016 23:39	LDS
100-44-7	Benzyl chloride	ND		ug/m ³	0.73	0.73	1.415	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/26/2016 23:39	09/26/2016 23:39	LDS
75-27-4	Bromodichloromethane	ND		ug/m ³	0.95	0.95	1.415	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/26/2016 23:39	09/26/2016 23:39	LDS
75-25-2	Bromoform	ND		ug/m ³	1.5	1.5	1.415	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/26/2016 23:39	09/26/2016 23:39	LDS
74-83-9	Bromomethane	ND		ug/m ³	0.55	0.55	1.415	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/26/2016 23:39	09/26/2016 23:39	LDS
75-15-0	Carbon disulfide	ND		ug/m ³	0.44	0.44	1.415	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/26/2016 23:39	09/26/2016 23:39	LDS
56-23-5	Carbon tetrachloride	0.45		ug/m ³	0.22	0.22	1.415	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/26/2016 23:39	09/26/2016 23:39	LDS
108-90-7	Chlorobenzene	ND		ug/m ³	0.65	0.65	1.415	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/26/2016 23:39	09/26/2016 23:39	LDS
75-00-3	Chloroethane	ND		ug/m ³	0.37	0.37	1.415	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/26/2016 23:39	09/26/2016 23:39	LDS
67-66-3	Chloroform	3.4		ug/m ³	0.69	0.69	1.415	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/26/2016 23:39	09/26/2016 23:39	LDS
74-87-3	Chloromethane	ND		ug/m ³	0.29	0.29	1.415	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/26/2016 23:39	09/26/2016 23:39	LDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.56	0.56	1.415	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/26/2016 23:39	09/26/2016 23:39	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.64	0.64	1.415	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/26/2016 23:39	09/26/2016 23:39	LDS
110-82-7	Cyclohexane	ND		ug/m ³	0.49	0.49	1.415	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/26/2016 23:39	09/26/2016 23:39	LDS
124-48-1	Dibromochloromethane	ND		ug/m ³	1.2	1.2	1.415	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/26/2016 23:39	09/26/2016 23:39	LDS
75-71-8	Dichlorodifluoromethane	ND		ug/m ³	0.70	0.70	1.415	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/26/2016 23:39	09/26/2016 23:39	LDS
141-78-6	* Ethyl acetate	ND		ug/m ³	1.0	1.0	1.415	EPA TO-15 Certifications:	09/26/2016 23:39	09/26/2016 23:39	LDS
100-41-4	Ethyl Benzene	ND		ug/m ³	0.61	0.61	1.415	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/26/2016 23:39	09/26/2016 23:39	LDS



Sample Information

Client Sample ID: CS 1

York Sample ID: 1610810-03

York Project (SDG) No.
1610810

Client Project ID
9015-PCNY

Matrix
Indoor Ambient Air

Collection Date/Time
September 21, 2016 3:00 pm

Date Received
09/22/2016

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
87-68-3	Hexachlorobutadiene	ND		ug/m ³	1.5	1.5	1.415	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 23:39	09/26/2016 23:39	LDS
67-63-0	Isopropanol	5.3		ug/m ³	0.70	0.70	1.415	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 23:39	09/26/2016 23:39	LDS
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.58	0.58	1.415	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 23:39	09/26/2016 23:39	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.51	0.51	1.415	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 23:39	09/26/2016 23:39	LDS
75-09-2	Methylene chloride	4.0		ug/m ³	0.98	0.98	1.415	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 23:39	09/26/2016 23:39	LDS
142-82-5	n-Heptane	0.58		ug/m ³	0.58	0.58	1.415	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 23:39	09/26/2016 23:39	LDS
110-54-3	n-Hexane	1.8		ug/m ³	0.50	0.50	1.415	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 23:39	09/26/2016 23:39	LDS
95-47-6	o-Xylene	0.61		ug/m ³	0.61	0.61	1.415	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 23:39	09/26/2016 23:39	LDS
179601-23-1	p- & m- Xylenes	1.4		ug/m ³	1.2	1.2	1.415	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 23:39	09/26/2016 23:39	LDS
622-96-8	* p-Ethyltoluene	0.70		ug/m ³	0.70	0.70	1.415	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 23:39	09/26/2016 23:39	LDS
115-07-1	* Propylene	ND		ug/m ³	0.24	0.24	1.415	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 23:39	09/26/2016 23:39	LDS
100-42-5	Styrene	ND		ug/m ³	0.60	0.60	1.415	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 23:39	09/26/2016 23:39	LDS
127-18-4	Tetrachloroethylene	12		ug/m ³	0.24	0.24	1.415	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 23:39	09/26/2016 23:39	LDS
109-99-9	* Tetrahydrofuran	2.8		ug/m ³	0.83	0.83	1.415	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 23:39	09/26/2016 23:39	LDS
108-88-3	Toluene	3.1	B	ug/m ³	0.53	0.53	1.415	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 23:39	09/26/2016 23:39	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.56	0.56	1.415	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 23:39	09/26/2016 23:39	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.64	0.64	1.415	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 23:39	09/26/2016 23:39	LDS
79-01-6	Trichloroethylene	0.53		ug/m ³	0.19	0.19	1.415	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 23:39	09/26/2016 23:39	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	2.2		ug/m ³	0.80	0.80	1.415	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 23:39	09/26/2016 23:39	LDS
108-05-4	Vinyl acetate	ND		ug/m ³	0.50	0.50	1.415	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 23:39	09/26/2016 23:39	LDS
593-60-2	Vinyl bromide	ND		ug/m ³	0.62	0.62	1.415	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 23:39	09/26/2016 23:39	LDS
75-01-4	Vinyl Chloride	ND		ug/m ³	0.36	0.36	1.415	EPA TO-15 Certifications: NELAC-NY 10854,NJDEP	09/26/2016 23:39	09/26/2016 23:39	LDS

Surrogate Recoveries

Result
103 %

Acceptance Range
72-118

460-00-4 Surrogate: p-Bromofluorobenzene



Sample Information

<u>Client Sample ID:</u> CS 1			<u>York Sample ID:</u> 16I0810-03	
<u>York Project (SDG) No.</u> 16I0810	<u>Client Project ID</u> 9015-PCNY	<u>Matrix</u> Indoor Ambient Air	<u>Collection Date/Time</u> September 21, 2016 3:00 pm	<u>Date Received</u> 09/22/2016





Notes and Definitions

QR-01	Analyses are not controlled on RPD values from sample concentrations less than 10 times the reporting limit. QC batch accepted based on LCS and/or LCSD QC results.
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 detected analytes only.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

* 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.

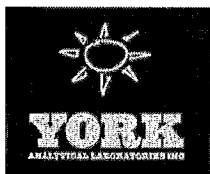
If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For 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.



Field Chain-of-Custody Record - AIR

Page of
 York Project No. 16 I 0810

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.

YOUR INFORMATION Company: <u>Advanced Cleanup Tech</u> Address: <u>110 Main St</u> <u>Pect Wash NY</u> Phone No. <u>516 441 5800</u> Contact Person: <u>Bobby Statakos</u> E-Mail Address: <u>BobbyStatakos@earth</u>	Report To: Company: <u>S A M E</u> Address: <u> </u> Phone No. <u> </u> Attention: <u>Mark G</u> E-Mail Address: <u>MarkG@earth</u>	Invoice To: Company: <u>S A M E</u> Address: <u> </u> Phone No. <u> </u> Attention: <u>Karen F.</u> E-Mail Address: <u>KarenF@earth</u>	YOUR PROJECT ID <u>9015-PCNY</u> Purchase Order No. <u> </u> Samples from: CT <u>NY</u> <input checked="" type="checkbox"/> NJ
Report To: Company: <u>S A M E</u> Address: <u> </u> Phone No. <u> </u> Attention: <u>Mark G</u> E-Mail Address: <u>MarkG@earth</u>		Turn-Around Time RUSH - Same Day <input type="checkbox"/> RUSH - Next Day <input type="checkbox"/> RUSH - Two Day <input type="checkbox"/> RUSH - Three Day <input type="checkbox"/> RUSH - Four Day <input type="checkbox"/> Standard (5-7 Days) <input checked="" type="checkbox"/>	

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

Samples Collected/Authorized By (Signature)
Bobby Statakos
 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:
 Detection Limits Required
 ≤ 1 ug/m³
 NYSDEC VI Limits
 (VI - vapor intrusion)
 NJDEP low level
 Routine Survey
 Other

Special Instructions
 Regulatory Comparison Excel

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
IA 1	9/20-9/21	AI	-30	8	Y52	Y13		6 Liter canister Tedlar Bag
IA 2	"	AI	-27	6	15529	7419		6 Liter canister Tedlar Bag
CS 1	"	AI	-29	9	18309	7417		6 Liter canister Tedlar Bag
								6 Liter canister Tedlar Bag
								6 Liter canister Tedlar Bag
								6 Liter canister Tedlar Bag
								6 Liter canister Tedlar Bag
								6 Liter canister Tedlar Bag
								6 Liter canister Tedlar Bag
								6 Liter canister Tedlar Bag

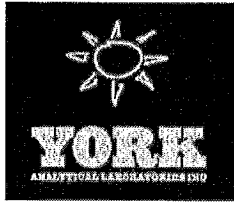
Comments

Samples Relinquished By [Signature] Date/Time 9/22/16 9:45

Samples Received by [Signature] Date/Time 9/22/16 9:45

Samples Relinquished By Date/Time

Samples Received in LAB by Date/Time



Technical Report

prepared for:

Advanced Cleanup Technologies, Inc.
110 Main Street
Port Washington NY, 11050
Attention: Mark Gelband

Report Date: 09/29/2016
Client Project ID: 9015-PCNY
York Project (SDG) No.: 16I0811

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 09/29/2016
Client Project ID: 9015-PCNY
York Project (SDG) No.: 16I0811

Advanced Cleanup Technologies, Inc.

110 Main Street
Port Washington NY, 11050
Attention: Mark Gelband

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on September 22, 2016 and listed below. The project was identified as your project: **9015-PCNY**.

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.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
16I0811-01	TW-1	Water	09/20/2016	09/22/2016
16I0811-02	TW-2	Water	09/20/2016	09/22/2016
16I0811-03	TW-3	Water	09/20/2016	09/22/2016

General Notes for York Project (SDG) No.: 16I0811

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:



Benjamin Gulizia
Laboratory Director

Date: 09/29/2016





Sample Information

Client Sample ID: TW-1

York Sample ID: 16I0811-01

York Project (SDG) No.
1610811

Client Project ID
9015-PCNY

Matrix
Water

Collection Date/Time
September 20, 2016 1:10 pm

Date Received
09/22/2016

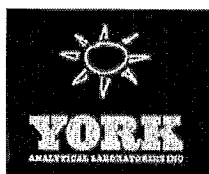
Volatile Organics, NJDEP/TCL/Part 375 List

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	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 12:55	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 12:55	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 12:55	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 12:55	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 12:55	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 12:55	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 12:55	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 12:55	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 12:55	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 12:55	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 12:55	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 12:55	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 12:55	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 12:55	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 12:55	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 12:55	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 12:55	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 12:55	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 12:55	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 12:55	SS
78-93-3	2-Butanone	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 12:55	SS



Sample Information

Client Sample ID: TW-1

York Sample ID: 16I0811-01

York Project (SDG) No.
16I0811

Client Project ID
9015-PCNY

Matrix
Water

Collection Date/Time
September 20, 2016 1:10 pm

Date Received
09/22/2016

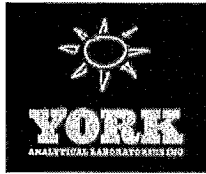
Volatile Organics, NJDEP/TCL/Part 375 List

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
591-78-6	2-Hexanone	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 12:55	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 12:55	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 12:55	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 12:55	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 12:55	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 12:55	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 12:55	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 12:55	SS
75-25-2	Bromofom	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 12:55	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 12:55	SS
75-15-0	Carbon disulfide	0.37	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 12:55	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 12:55	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 12:55	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 12:55	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 12:55	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 12:55	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 12:55	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 12:55	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 12:55	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 12:55	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 12:55	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 12:55	SS



Sample Information

Client Sample ID: TW-1

York Sample ID: 1610811-01

York Project (SDG) No.
1610811

Client Project ID
9015-PCNY

Matrix
Water

Collection Date/Time
September 20, 2016 1:10 pm

Date Received
09/22/2016

Volatile Organics, NJDEP/TCL/Part 375 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
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 12:55	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 12:55	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 12:55	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 12:55	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 12:55	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 12:55	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 12:55	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 12:55	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 12:55	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	09/29/2016 08:58	09/29/2016 12:55	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	09/29/2016 08:58	09/29/2016 12:55	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 12:55	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 12:55	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 12:55	SS
75-65-0	tert-Butyl alcohol (TBA)	1.6	J	ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 12:55	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 12:55	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 12:55	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 12:55	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 12:55	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 12:55	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 12:55	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 12:55	SS



Sample Information

Client Sample ID: TW-1

York Sample ID: 1610811-01

York Project (SDG) No.
1610811

Client Project ID
9015-PCNY

Matrix
Water

Collection Date/Time
September 20, 2016 1:10 pm

Date Received
09/22/2016

Volatile Organics, NJDEP/TCL/Part 375 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
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	09/29/2016 08:58	09/29/2016 12:55	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	09/29/2016 08:58	09/29/2016 12:55	SS
								Certifications: CTDOH,NJDEP			
	Surrogate Recoveries	Result				Acceptance Range					
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	100 %				69-130					
2037-26-5	Surrogate: Toluene-d8	99.5 %				81-117					
460-00-4	Surrogate: p-Bromofluorobenzene	92.6 %				79-122					

Sample Information

Client Sample ID: TW-2

York Sample ID: 1610811-02

York Project (SDG) No.
1610811

Client Project ID
9015-PCNY

Matrix
Water

Collection Date/Time
September 20, 2016 2:25 pm

Date Received
09/22/2016

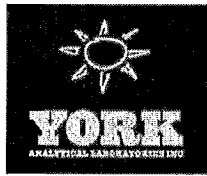
Volatile Organics, NJDEP/TCL/Part 375 List

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	0.20	0.50	1	EPA 8260C	09/29/2016 08:58	09/29/2016 13:33	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/29/2016 08:58	09/29/2016 13:33	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/29/2016 08:58	09/29/2016 13:33	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	09/29/2016 08:58	09/29/2016 13:33	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/29/2016 08:58	09/29/2016 13:33	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/29/2016 08:58	09/29/2016 13:33	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/29/2016 08:58	09/29/2016 13:33	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/29/2016 08:58	09/29/2016 13:33	SS
								Certifications: NELAC-NY10854,NJDEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/29/2016 08:58	09/29/2016 13:33	SS
								Certifications: NELAC-NY10854,NJDEP			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/29/2016 08:58	09/29/2016 13:33	SS
								Certifications: NELAC-NY10854,NJDEP			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/29/2016 08:58	09/29/2016 13:33	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			



Sample Information

Client Sample ID: TW-2

York Sample ID: 1610811-02

York Project (SDG) No.
1610811

Client Project ID
9015-PCNY

Matrix
Water

Collection Date/Time
September 20, 2016 2:25 pm

Date Received
09/22/2016

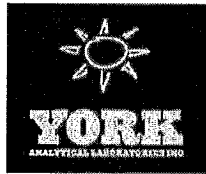
Volatile Organics, NJDEP/TCL/Part 375 List

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
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 13:33	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 13:33	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 13:33	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 13:33	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 13:33	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 13:33	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 13:33	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 13:33	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 13:33	SS
78-93-3	2-Butanone	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 13:33	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 13:33	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 13:33	SS
67-64-1	Acetone	1.5	CCV-E , J	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 13:33	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 13:33	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 13:33	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 13:33	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 13:33	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 13:33	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 13:33	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 13:33	SS
75-15-0	Carbon disulfide	0.33	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 13:33	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 13:33	SS



Sample Information

Client Sample ID: TW-2

York Sample ID: 16I0811-02

York Project (SDG) No.
16I0811

Client Project ID
9015-PCNY

Matrix
Water

Collection Date/Time
September 20, 2016 2:25 pm

Date Received
09/22/2016

Volatile Organics, NJDEP/TCL/Part 375 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
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 13:33	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 13:33	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 13:33	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 13:33	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 13:33	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 13:33	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 13:33	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 13:33	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 13:33	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 13:33	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 13:33	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 13:33	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 13:33	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 13:33	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 13:33	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 13:33	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 13:33	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 13:33	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 13:33	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	09/29/2016 08:58	09/29/2016 13:33	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	09/29/2016 08:58	09/29/2016 13:33	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 13:33	SS



Sample Information

Client Sample ID: TW-2

York Sample ID: 1610811-02

York Project (SDG) No.
1610811

Client Project ID
9015-PCNY

Matrix
Water

Collection Date/Time
September 20, 2016 2:25 pm

Date Received
09/22/2016

Volatile Organics, NJDEP/TCL/Part 375 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
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 13:33	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 13:33	SS
75-65-0	tert-Butyl alcohol (TBA)	1.8	J	ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 13:33	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 13:33	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 13:33	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 13:33	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 13:33	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 13:33	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 13:33	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 13:33	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 13:33	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	09/29/2016 08:58	09/29/2016 13:33	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	99.7 %			69-130						
2037-26-5	Surrogate: Toluene-d8	96.8 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	89.6 %			79-122						

Sample Information

Client Sample ID: TW-3

York Sample ID: 1610811-03

York Project (SDG) No.
1610811

Client Project ID
9015-PCNY

Matrix
Water

Collection Date/Time
September 20, 2016 1:00 pm

Date Received
09/22/2016

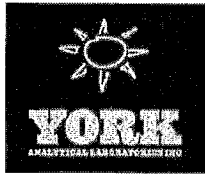
Volatile Organics, NJDEP/TCL/Part 375 List

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	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 14:13	SS



Sample Information

Client Sample ID: TW-3

York Sample ID: 16I0811-03

York Project (SDG) No.
16I0811

Client Project ID
9015-PCNY

Matrix
Water

Collection Date/Time
September 20, 2016 1:00 pm

Date Received
09/22/2016

Volatile Organics, NJDEP/TCL/Part 375 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
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 14:13	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 14:13	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 14:13	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 14:13	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 14:13	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 14:13	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 14:13	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 14:13	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 14:13	SS
95-63-6	1,2,4-Trimethylbenzene	1.8		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 14:13	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 14:13	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 14:13	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 14:13	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 14:13	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 14:13	SS
108-67-8	1,3,5-Trimethylbenzene	0.84		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 14:13	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 14:13	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 14:13	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 14:13	SS
78-93-3	2-Butanone	0.26	CCV-E , J	ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 14:13	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 14:13	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 14:13	SS



Sample Information

Client Sample ID: TW-3

York Sample ID: 1610811-03

York Project (SDG) No.
1610811

Client Project ID
9015-PCNY

Matrix
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Collection Date/Time
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Date Received
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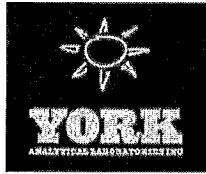
Volatile Organics, NJDEP/TCL/Part 375 List

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
67-64-1	Acetone	8.4	CCV-E	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 14:13	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 14:13	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 14:13	SS
71-43-2	Benzene	0.40	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 14:13	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 14:13	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 14:13	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 14:13	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 14:13	SS
75-15-0	Carbon disulfide	0.95		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 14:13	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 14:13	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 14:13	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 14:13	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 14:13	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 14:13	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 14:13	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 14:13	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 14:13	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 14:13	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 14:13	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 14:13	SS
100-41-4	Ethyl Benzene	3.1		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 14:13	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 14:13	SS



Sample Information

Client Sample ID: TW-3

York Sample ID: 1610811-03

York Project (SDG) No.
1610811

Client Project ID
9015-PCNY

Matrix
Water

Collection Date/Time
September 20, 2016 1:00 pm

Date Received
09/22/2016

Volatile Organics, NJDEP/TCL/Part 375 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
98-82-8	Isopropylbenzene	0.31	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 14:13	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 14:13	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 14:13	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 14:13	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 14:13	SS
104-51-8	n-Butylbenzene	0.44	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 14:13	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 14:13	SS
95-47-6	o-Xylene	1.4		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	09/29/2016 08:58	09/29/2016 14:13	SS
179601-23-1	p- & m- Xylenes	2.4		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	09/29/2016 08:58	09/29/2016 14:13	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 14:13	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 14:13	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 14:13	SS
75-65-0	tert-Butyl alcohol (TBA)	2.5		ug/L	0.50	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 14:13	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 14:13	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 14:13	SS
108-88-3	Toluene	2.0		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 14:13	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 14:13	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 14:13	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 14:13	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 14:13	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2016 08:58	09/29/2016 14:13	SS
1330-20-7	* Xylenes, Total	3.9		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	09/29/2016 08:58	09/29/2016 14:13	SS

Surrogate Recoveries

Result

Acceptance Range



Sample Information

Client Sample ID: TW-3

York Sample ID: 1610811-03

York Project (SDG) No.
1610811

Client Project ID
9015-PCNY

Matrix
Water

Collection Date/Time
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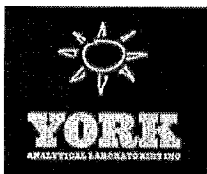
Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

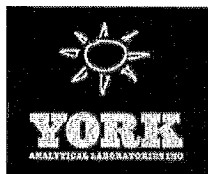
Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	98.0 %			69-130						
2037-26-5	Surrogate: Toluene-d8	100 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	91.1 %			79-122						



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
16I0811-01	TW-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
16I0811-02	TW-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
16I0811-03	TW-3	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.
- 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).

-
- * 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.
STRAITFORD, CT 06615
12031 328-1571
FAX 12031 357-0166

Field Chain-of-Custody Record

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York Project No. 16 IOB 11

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.

YOUR INFORMATION			Report To:			Invoice To:			YOUR PROJECT ID			Turn-Around Time			Report Type		
Company: <u>Advanced Cleanup Tech</u>			Company: <u>AET</u>			Company: <u>AET</u>			<u>9015-PCMY</u>			RUSH - Same Day <input type="checkbox"/>			Summary Report <input checked="" type="checkbox"/>		
Address: <u>110 Main St</u>			Address: <u>110 Main St</u>			Address: <u>ACT</u>			Misc. Org. Full Lists			RUSH - Next Day <input type="checkbox"/>			Summary w/ QA Summary <input type="checkbox"/>		
City: <u>Port Washington, NY</u>			City: <u>Port Washington, NY</u>			City: <u>ACT</u>			TPH DRO			RUSH - Two Day <input type="checkbox"/>			CT RCP Package <input type="checkbox"/>		
Phone No: <u>516-441-5810</u>			Phone No: <u>Mark Belband</u>			Phone No: <u>Mark Belband</u>			CT EIPH			RUSH - Three Day <input type="checkbox"/>			CTRCP DQADUE Pkg <input type="checkbox"/>		
Contact Person: <u>Tim Young</u>			Attention: <u>Mark Belband</u>			Attention: <u>Karen Friedman</u>			Full App. IX			RUSH - Four Day <input type="checkbox"/>			NY ASP A Package <input type="checkbox"/>		
E-Mail Address: <u>Tim@act.earth</u>			E-Mail Address: <u>Mark@act.earth</u>			E-Mail Address: <u>Karen@act.earth</u>			Per. 300-Base			NY ASP B Package <input type="checkbox"/>			NIDEF Red. Deliv. <input type="checkbox"/>		
			Samples from: CT <input type="checkbox"/> NY <input checked="" type="checkbox"/> NJ <input type="checkbox"/>			Samples from: CT <input type="checkbox"/> NY <input checked="" type="checkbox"/> NJ <input type="checkbox"/>			Per. 80-Base			NIDEF Red. Deliv. <input type="checkbox"/>			Electronic Data Deliverables (EDD) <input type="checkbox"/>		
			Standard (5-7 Days) <input checked="" type="checkbox"/>			Standard (5-7 Days) <input checked="" type="checkbox"/>			Per. 40-Base			Simple Excel <input type="checkbox"/>					

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

Samples Collected/Authorized By (Signature)
Tim Young
Name (printed)

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
TW-1	9/20/16 1310	GW	VOC's	3 VOA's
TW-2	" 1445	"	"	"
TW-3	" 1300	"	"	"

Comments
Please cc alexk@act.earth in report.

Preservation: 4°C Frozen HCl HNO₃ H₂SO₄ NaOH
Check these applicable: ZnAc Ascorbic Acid MeOH Other

Samples Relinquished By: [Signature] Date/Time: 9/22/16 9:46
Samples Received in LAB by: [Signature] Date/Time: 9/22/16 19:35

Temperature on Receipt: 1.9°C