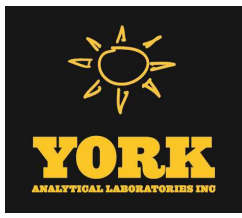


APPENDIX S

Underground Storage Tank
Waste Characterization
Analytical Sampling Data
(Provided on DVD in Bound Report)



Technical Report

prepared for:

SCE Environmental Group, Inc.

1380 Mt. Cobb Road

Lake Ariel PA, 18436

Attention: Nate Butler

Report Date: 10/21/2015

Client Project ID: 15004

York Project (SDG) No.: 15J0585

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 10/21/2015
Client Project ID: 15004
York Project (SDG) No.: 15J0585

SCE Environmental Group, Inc.
1380 Mt. Cobb Road
Lake Ariel PA, 18436
Attention: Nate Butler

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on October 14, 2015 and listed below. The project was identified as your project: **15004**.

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>
15J0585-01	Liquid from 3A	Solid	10/14/2015	10/14/2015
15J0585-02	Liquid from 4A	Liquid	10/14/2015	10/14/2015
15J0585-03	Liquid from 4B	Water	10/14/2015	10/14/2015
15J0585-04	Liquid from 5A	Solid	10/14/2015	10/14/2015
15J0585-05	Liquid from 5B	Liquid	10/14/2015	10/14/2015
15J0585-06	Liquid from 5C	Solid	10/14/2015	10/14/2015
15J0585-07	Liquid from GT1	Liquid	10/14/2015	10/14/2015
15J0585-08	Liquid from GT2	Liquid	10/14/2015	10/14/2015

General Notes for York Project (SDG) No.: 15J0585

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: 10/21/2015





Sample Information

Client Sample ID: Liquid from 3A

York Sample ID: 15J0585-01

York Project (SDG) No.

15J0585

Client Project ID

15004

Matrix

Solid

Collection Date/Time

October 14, 2015 2:30 pm

Date Received

10/14/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: Rep-04

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	330000	650000	20000	EPA 8260C Certifications:	10/20/2015 16:39 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 04:14	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	330000	650000	20000	EPA 8260C Certifications:	10/20/2015 16:39 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 04:14	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	330000	650000	20000	EPA 8260C Certifications:	10/20/2015 16:39 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 04:14	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	330000	650000	20000	EPA 8260C Certifications:	10/20/2015 16:39 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 04:14	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	330000	650000	20000	EPA 8260C Certifications:	10/20/2015 16:39 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 04:14	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	330000	650000	20000	EPA 8260C Certifications:	10/20/2015 16:39 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 04:14	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	330000	650000	20000	EPA 8260C Certifications:	10/20/2015 16:39 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 04:14	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	330000	650000	20000	EPA 8260C Certifications:	10/20/2015 16:39 NELAC-NY10854,NJDEP	10/21/2015 04:14	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	330000	650000	20000	EPA 8260C Certifications:	10/20/2015 16:39 NELAC-NY10854,NJDEP	10/21/2015 04:14	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	330000	650000	20000	EPA 8260C Certifications:	10/20/2015 16:39 NELAC-NY10854,NJDEP	10/21/2015 04:14	BK
95-63-6	1,2,4-Trimethylbenzene	420000	J	ug/kg dry	330000	650000	20000	EPA 8260C Certifications:	10/20/2015 16:39 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 04:14	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	330000	650000	20000	EPA 8260C Certifications:	10/20/2015 16:39 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 04:14	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	330000	650000	20000	EPA 8260C Certifications:	10/20/2015 16:39 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 04:14	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	330000	650000	20000	EPA 8260C Certifications:	10/20/2015 16:39 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 04:14	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	330000	650000	20000	EPA 8260C Certifications:	10/20/2015 16:39 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 04:14	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	330000	650000	20000	EPA 8260C Certifications:	10/20/2015 16:39 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 04:14	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	330000	650000	20000	EPA 8260C Certifications:	10/20/2015 16:39 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 04:14	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	330000	650000	20000	EPA 8260C Certifications:	10/20/2015 16:39 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 04:14	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	330000	650000	20000	EPA 8260C Certifications:	10/20/2015 16:39 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 04:14	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	6500000	13000000	20000	EPA 8260C Certifications:	10/20/2015 16:39 NELAC-NY10854,NJDEP	10/21/2015 04:14	BK
78-93-3	2-Butanone	ND		ug/kg dry	330000	650000	20000	EPA 8260C Certifications:	10/20/2015 16:39 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 04:14	BK
591-78-6	2-Hexanone	ND		ug/kg dry	330000	650000	20000	EPA 8260C Certifications:	10/20/2015 16:39 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 04:14	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	330000	650000	20000	EPA 8260C Certifications:	10/20/2015 16:39 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 04:14	BK



Sample Information

Client Sample ID: Liquid from 3A

York Sample ID: 15J0585-01

York Project (SDG) No.
15J0585

Client Project ID
15004

Matrix
Solid

Collection Date/Time
October 14, 2015 2:30 pm

Date Received
10/14/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: Rep-04

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		ug/kg dry	650000	1300000	20000	EPA 8260C Certifications:	10/20/2015 16:39 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 04:14	BK
107-02-8	Acrolein	ND		ug/kg dry	650000	1300000	20000	EPA 8260C Certifications:	10/20/2015 16:39 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 04:14	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	330000	650000	20000	EPA 8260C Certifications:	10/20/2015 16:39 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 04:14	BK
71-43-2	Benzene	ND		ug/kg dry	330000	650000	20000	EPA 8260C Certifications:	10/20/2015 16:39 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 04:14	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	330000	650000	20000	EPA 8260C Certifications:	10/20/2015 16:39 NELAC-NY10854,NJDEP	10/21/2015 04:14	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	330000	650000	20000	EPA 8260C Certifications:	10/20/2015 16:39 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 04:14	BK
75-25-2	Bromoform	ND		ug/kg dry	330000	650000	20000	EPA 8260C Certifications:	10/20/2015 16:39 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 04:14	BK
74-83-9	Bromomethane	ND		ug/kg dry	330000	650000	20000	EPA 8260C Certifications:	10/20/2015 16:39 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 04:14	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	330000	650000	20000	EPA 8260C Certifications:	10/20/2015 16:39 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 04:14	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	330000	650000	20000	EPA 8260C Certifications:	10/20/2015 16:39 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 04:14	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	330000	650000	20000	EPA 8260C Certifications:	10/20/2015 16:39 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 04:14	BK
75-00-3	Chloroethane	ND		ug/kg dry	330000	650000	20000	EPA 8260C Certifications:	10/20/2015 16:39 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 04:14	BK
67-66-3	Chloroform	ND		ug/kg dry	330000	650000	20000	EPA 8260C Certifications:	10/20/2015 16:39 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 04:14	BK
74-87-3	Chloromethane	ND		ug/kg dry	330000	650000	20000	EPA 8260C Certifications:	10/20/2015 16:39 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 04:14	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	330000	650000	20000	EPA 8260C Certifications:	10/20/2015 16:39 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 04:14	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	330000	650000	20000	EPA 8260C Certifications:	10/20/2015 16:39 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 04:14	BK
110-82-7	Cyclohexane	ND		ug/kg dry	330000	650000	20000	EPA 8260C Certifications:	10/20/2015 16:39 NELAC-NY10854,NJDEP	10/21/2015 04:14	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	330000	650000	20000	EPA 8260C Certifications:	10/20/2015 16:39 NELAC-NY10854,NJDEP,PADEP	10/21/2015 04:14	BK
74-95-3	Dibromomethane	ND		ug/kg dry	330000	650000	20000	EPA 8260C Certifications:	10/20/2015 16:39 NELAC-NY10854,NJDEP	10/21/2015 04:14	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	330000	650000	20000	EPA 8260C Certifications:	10/20/2015 16:39 NELAC-NY10854,NJDEP	10/21/2015 04:14	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	330000	650000	20000	EPA 8260C Certifications:	10/20/2015 16:39 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 04:14	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	330000	650000	20000	EPA 8260C Certifications:	10/20/2015 16:39 NELAC-NY10854,NJDEP	10/21/2015 04:14	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	330000	650000	20000	EPA 8260C Certifications:	10/20/2015 16:39 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 04:14	BK
79-20-9	Methyl acetate	ND		ug/kg dry	330000	650000	20000	EPA 8260C Certifications:	10/20/2015 16:39 NELAC-NY10854,NJDEP	10/21/2015 04:14	BK



Sample Information

Client Sample ID: Liquid from 3A

York Sample ID: 15J0585-01

York Project (SDG) No.
15J0585

Client Project ID
15004

Matrix
Solid

Collection Date/Time
October 14, 2015 2:30 pm

Date Received
10/14/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: Rep-04

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	330000	650000	20000	EPA 8260C Certifications:	10/20/2015 16:39 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 04:14	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	330000	650000	20000	EPA 8260C Certifications:	10/20/2015 16:39 NELAC-NY10854,NJDEP	10/21/2015 04:14	BK
75-09-2	Methylene chloride	ND		ug/kg dry	650000	1300000	20000	EPA 8260C Certifications:	10/20/2015 16:39 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 04:14	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	330000	650000	20000	EPA 8260C Certifications:	10/20/2015 16:39 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 04:14	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	330000	650000	20000	EPA 8260C Certifications:	10/20/2015 16:39 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 04:14	BK
95-47-6	o-Xylene	ND		ug/kg dry	330000	650000	20000	EPA 8260C Certifications:	10/20/2015 16:39 CTDOH,NELAC-NY10854	10/21/2015 04:14	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	650000	1300000	20000	EPA 8260C Certifications:	10/20/2015 16:39 CTDOH,NELAC-NY10854	10/21/2015 04:14	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	330000	650000	20000	EPA 8260C Certifications:	10/20/2015 16:39 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 04:14	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	330000	650000	20000	EPA 8260C Certifications:	10/20/2015 16:39 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 04:14	BK
100-42-5	Styrene	ND		ug/kg dry	330000	650000	20000	EPA 8260C Certifications:	10/20/2015 16:39 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 04:14	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	330000	650000	20000	EPA 8260C Certifications:	10/20/2015 16:39 NELAC-NY10854,NJDEP	10/21/2015 04:14	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	330000	650000	20000	EPA 8260C Certifications:	10/20/2015 16:39 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 04:14	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	330000	650000	20000	EPA 8260C Certifications:	10/20/2015 16:39 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 04:14	BK
108-88-3	Toluene	ND		ug/kg dry	330000	650000	20000	EPA 8260C Certifications:	10/20/2015 16:39 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 04:14	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	330000	650000	20000	EPA 8260C Certifications:	10/20/2015 16:39 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 04:14	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	330000	650000	20000	EPA 8260C Certifications:	10/20/2015 16:39 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 04:14	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	330000	650000	20000	EPA 8260C Certifications:	10/20/2015 16:39 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 04:14	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	330000	650000	20000	EPA 8260C Certifications:	10/20/2015 16:39 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 04:14	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	330000	650000	20000	EPA 8260C Certifications:	10/20/2015 16:39 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 04:14	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	980000	2000000	20000	EPA 8260C Certifications:	10/20/2015 16:39 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 04:14	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	104 %	77-125								
2037-26-5	Surrogate: Toluene-d8	93.0 %	85-120								
460-00-4	Surrogate: p-Bromofluorobenzene	105 %	76-130								

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: Liquid from 3A

York Sample ID: 15J0585-01

York Project (SDG) No.

15J0585

Client Project ID

15004

Matrix

Solid

Collection Date/Time

October 14, 2015 2:30 pm

Date Received

10/14/2015

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		mg/L	0.062	0.12	25	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:35	10/17/2015 04:56	BK
107-06-2	1,2-Dichloroethane	ND		mg/L	0.062	0.12	25	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:35	10/17/2015 04:56	BK
106-46-7	1,4-Dichlorobenzene	ND		mg/L	0.062	0.12	25	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:35	10/17/2015 04:56	BK
78-93-3	2-Butanone	0.11	J	mg/L	0.062	0.12	25	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:35	10/17/2015 04:56	BK
71-43-2	Benzene	ND		mg/L	0.062	0.12	25	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:35	10/17/2015 04:56	BK
56-23-5	Carbon tetrachloride	ND		mg/L	0.062	0.12	25	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:35	10/17/2015 04:56	BK
108-90-7	Chlorobenzene	ND		mg/L	0.062	0.12	25	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:35	10/17/2015 04:56	BK
67-66-3	Chloroform	ND		mg/L	0.062	0.12	25	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:35	10/17/2015 04:56	BK
127-18-4	Tetrachloroethylene	ND		mg/L	0.062	0.12	25	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:35	10/17/2015 04:56	BK
79-01-6	Trichloroethylene	ND		mg/L	0.062	0.12	25	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:35	10/17/2015 04:56	BK
75-01-4	Vinyl Chloride	ND		mg/L	0.062	0.12	25	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:35	10/17/2015 04:56	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	104 %	65-135								
460-00-4	Surrogate: p-Bromofluorobenzene	101 %	81-114								
2037-26-5	Surrogate: Toluene-d8	95.0 %	86-118								

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	8200	16400	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/19/2015 07:03	10/19/2015 16:46	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	16400	32700	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/19/2015 07:03	10/19/2015 16:46	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	8200	16400	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 16:46	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	8200	16400	50	EPA 8270D Certifications: NELAC-NY10854	10/19/2015 07:03	10/19/2015 16:46	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	8200	16400	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/19/2015 07:03	10/19/2015 16:46	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	8200	16400	50	EPA 8270D Certifications: NELAC-NY10854	10/19/2015 07:03	10/19/2015 16:46	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	8200	16400	50	EPA 8270D Certifications: NELAC-NY10854	10/19/2015 07:03	10/19/2015 16:46	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	16400	32700	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/19/2015 07:03	10/19/2015 16:46	SR



Sample Information

Client Sample ID: Liquid from 3A

York Sample ID: 15J0585-01

York Project (SDG) No.

15J0585

Client Project ID

15004

Matrix

Solid

Collection Date/Time

October 14, 2015 2:30 pm

Date Received

10/14/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	8200	16400	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP	10/19/2015 16:46	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	8200	16400	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 16:46	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	8200	16400	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 16:46	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	8200	16400	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 16:46	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	16400	32700	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 16:46	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	8200	16400	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 16:46	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	8200	16400	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 16:46	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	8200	16400	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 16:46	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	8200	16400	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 16:46	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	8200	16400	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP	10/19/2015 16:46	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	8200	16400	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 16:46	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	16400	32700	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 16:46	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	8200	16400	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 16:46	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	8200	16400	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP	10/19/2015 16:46	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	8200	16400	50	EPA 8270D Certifications:	10/19/2015 07:03 NELAC-NY10854,NJDEP,PADEP	10/19/2015 16:46	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	16400	32700	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 16:46	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	16400	32700	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP	10/19/2015 16:46	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	8200	16400	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 16:46	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	8200	16400	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 16:46	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	8200	16400	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 16:46	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	8200	16400	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 16:46	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	16400	32700	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 16:46	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	16400	32700	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 16:46	SR
83-32-9	Acenaphthene	ND		ug/kg dry	8200	16400	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 16:46	SR



Sample Information

Client Sample ID: Liquid from 3A

York Sample ID: 15J0585-01

York Project (SDG) No.
15J0585

Client Project ID
15004

Matrix
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October 14, 2015 2:30 pm

Date Received
10/14/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
208-96-8	Acenaphthylene	ND		ug/kg dry	8200	16400	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 16:46	SR
98-86-2	Acetophenone	ND		ug/kg dry	8200	16400	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/19/2015 07:03	10/19/2015 16:46	SR
62-53-3	Aniline	ND		ug/kg dry	32800	65500	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 16:46	SR
120-12-7	Anthracene	ND		ug/kg dry	8200	16400	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 16:46	SR
1912-24-9	Atrazine	ND		ug/kg dry	8200	16400	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/19/2015 07:03	10/19/2015 16:46	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	8200	16400	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/19/2015 07:03	10/19/2015 16:46	SR
92-87-5	Benzidine	ND		ug/kg dry	32800	65500	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854	10/19/2015 07:03	10/19/2015 16:46	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	8200	16400	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 16:46	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	8200	16400	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 16:46	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	8200	16400	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 16:46	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	8200	16400	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 16:46	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	8200	16400	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 16:46	SR
65-85-0	Benzoic acid	ND		ug/kg dry	8200	16400	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/19/2015 07:03	10/19/2015 16:46	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	8200	16400	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 16:46	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	8200	16400	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 16:46	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	8200	16400	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 16:46	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	8200	16400	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 16:46	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	8200	16400	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 16:46	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	8200	16400	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 16:46	SR
105-60-2	Caprolactam	ND		ug/kg dry	16400	32700	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/19/2015 07:03	10/19/2015 16:46	SR
86-74-8	Carbazole	ND		ug/kg dry	8200	16400	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 16:46	SR
218-01-9	Chrysene	ND		ug/kg dry	8200	16400	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 16:46	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	8200	16400	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 16:46	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	8200	16400	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 07:03	10/19/2015 16:46	SR



Sample Information

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York Sample ID: 15J0585-01

York Project (SDG) No.
15J0585

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15004

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October 14, 2015 2:30 pm

Date Received
10/14/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-66-2	Diethyl phthalate	ND		ug/kg dry	8200	16400	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 16:46	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	8200	16400	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 16:46	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	8200	16400	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 16:46	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	8200	16400	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 16:46	SR
206-44-0	Fluoranthene	ND		ug/kg dry	8200	16400	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 16:46	SR
86-73-7	Fluorene	ND		ug/kg dry	8200	16400	50	EPA 8270D Certifications:	10/19/2015 07:03 NELAC-NY10854,NJDEP,PADEP	10/19/2015 16:46	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	8200	16400	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 16:46	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	8200	16400	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 16:46	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	8200	16400	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 16:46	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	8200	16400	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 16:46	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	8200	16400	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 16:46	SR
78-59-1	Isophorone	ND		ug/kg dry	8200	16400	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 16:46	SR
91-20-3	Naphthalene	ND		ug/kg dry	8200	16400	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP	10/19/2015 16:46	SR
98-95-3	Nitrobenzene	37100		ug/kg dry	8200	16400	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 16:46	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	8200	16400	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP	10/19/2015 16:46	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	8200	16400	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 16:46	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	8200	16400	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP	10/19/2015 16:46	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	8200	16400	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 16:46	SR
85-01-8	Phenanthrene	ND		ug/kg dry	8200	16400	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 16:46	SR
108-95-2	Phenol	ND		ug/kg dry	8200	16400	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 16:46	SR
129-00-0	Pyrene	ND		ug/kg dry	8200	16400	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 16:46	SR
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: 2-Fluorophenol	%	S-01	10-95							
4165-62-2	Surrogate: Phenol-d5	6.00 %	S-01	10-107							
4165-60-0	Surrogate: Nitrobenzene-d5	%	S-01	10-95							



Sample Information

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10/14/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
321-60-8	Surrogate: 2-Fluorobiphenyl	%	S-01		10-97						
118-79-6	Surrogate: 2,4,6-Tribromophenol	%	S-01		10-103						
1718-51-0	Surrogate: Terphenyl-d14	7.97 %	S-01		19-99						

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		mg/L	0.0221	0.0500	1	EPA 8270D/1311 Certifications: NELAC-NY10854	10/16/2015 07:56	10/17/2015 00:36	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/L	0.0191	0.0500	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 07:56	10/17/2015 00:36	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/L	0.0175	0.0500	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 07:56	10/17/2015 00:36	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/L	0.0161	0.0500	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 07:56	10/17/2015 00:36	KH
95-48-7	2-Methylphenol	ND		mg/L	0.0116	0.0500	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 07:56	10/17/2015 00:36	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/L	0.0112	0.100	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 07:56	10/17/2015 00:36	KH
1319-77-3	Cresols, total	ND		mg/L	0.0116	0.150	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854	10/16/2015 07:56	10/17/2015 00:36	KH
118-74-1	Hexachlorobenzene	ND		mg/L	0.0127	0.0500	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 07:56	10/17/2015 00:36	KH
87-68-3	Hexachlorobutadiene	ND		mg/L	0.0279	0.0500	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 07:56	10/17/2015 00:36	KH
67-72-1	Hexachloroethane	ND		mg/L	0.0304	0.0500	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 07:56	10/17/2015 00:36	KH
98-95-3	Nitrobenzene	ND		mg/L	0.0169	0.0500	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 07:56	10/17/2015 00:36	KH
87-86-5	Pentachlorophenol	ND		mg/L	0.0145	0.0500	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 07:56	10/17/2015 00:36	KH
110-86-1	Pyridine	ND		mg/L	0.0391	0.0500	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 07:56	10/17/2015 00:36	KH

Surrogate Recoveries		Result	Acceptance Range
367-12-4	Surrogate: 2-Fluorophenol	33.2 %	10-65
4165-62-2	Surrogate: Phenol-d5	26.9 %	10-49
4165-60-0	Surrogate: Nitrobenzene-d5	83.3 %	10-96
321-60-8	Surrogate: 2-Fluorobiphenyl	73.8 %	10-93
118-79-6	Surrogate: 2,4,6-Tribromophenol	106 %	10-128
1718-51-0	Surrogate: Terphenyl-d14	91.0 %	10-100

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: Liquid from 3A

York Sample ID: 15J0585-01

York Project (SDG) No.
15J0585

Client Project ID
15004

Matrix
Solid

Collection Date/Time
October 14, 2015 2:30 pm

Date Received
10/14/2015

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.131	0.131	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/19/2015 07:01	10/19/2015 14:50	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.131	0.131	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/19/2015 07:01	10/19/2015 14:50	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.131	0.131	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/19/2015 07:01	10/19/2015 14:50	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.131	0.131	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/19/2015 07:01	10/19/2015 14:50	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.131	0.131	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/19/2015 07:01	10/19/2015 14:50	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.131	0.131	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/19/2015 07:01	10/19/2015 14:50	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.131	0.131	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/19/2015 07:01	10/19/2015 14:50	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.131	0.131	1	EPA 8082A Certifications:	10/19/2015 07:01	10/19/2015 14:50	AMC
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	58.2 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	52.2 %		30-140							

Alcohols, C1-C3 Targets

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-56-1	* Methanol	ND		mg/kg dry	2.62	2.62	1	EPA 8015D m Certifications:	10/16/2015 17:25	10/20/2015 09:55	RB

Glycols, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-21-1	* Ethylene Glycol	ND		mg/kg dry	327	327	1	GC/FID Certifications:	10/15/2015 17:22	10/16/2015 08:03	RB

Beryllium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	Beryllium	ND		mg/kg dry	1.31	1.31	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 15:24	10/19/2015 17:34	ALD

Copper by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

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



Sample Information

Client Sample ID: Liquid from 3A

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Copper by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	20.3		mg/kg dry	6.54	6.54	1	EPA 6010C	10/19/2015 15:24	10/19/2015 17:34	ALD
Certifications: CTDOH,NELAC-NY10854,NJDEP											

Copper, TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	0.0640		mg/L	0.0300	0.0300	1	EPA 6010C/1311	10/15/2015 14:43	10/16/2015 04:36	ALD
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/kg dry	13.1	13.1	1	EPA 6010C	10/19/2015 15:24	10/19/2015 17:34	ALD
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-39-3	Barium	19.5		mg/kg dry	13.1	13.1	1	EPA 6010C	10/19/2015 15:24	10/19/2015 17:34	ALD
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-43-9	Cadmium	ND		mg/kg dry	3.92	3.92	1	EPA 6010C	10/19/2015 15:24	10/19/2015 17:34	ALD
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-47-3	Chromium	ND		mg/kg dry	6.54	6.54	1	EPA 6010C	10/19/2015 15:24	10/19/2015 17:34	ALD
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7439-92-1	Lead	55.6		mg/kg dry	3.92	3.92	1	EPA 6010C	10/19/2015 15:24	10/19/2015 17:34	ALD
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7782-49-2	Selenium	ND		mg/kg dry	13.1	13.1	1	EPA 6010C	10/19/2015 15:24	10/19/2015 17:34	ALD
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-22-4	Silver	ND		mg/kg dry	6.54	6.54	1	EPA 6010C	10/19/2015 15:24	10/19/2015 17:34	ALD
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.040	0.040	1	EPA 6010C/1311	10/15/2015 14:43	10/16/2015 04:36	ALD
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-39-3	Barium	4.14		mg/L	0.100	0.100	1	EPA 6010C/1311	10/15/2015 14:43	10/16/2015 04:36	ALD
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-43-9	Cadmium	ND		mg/L	0.030	0.030	1	EPA 6010C/1311	10/15/2015 14:43	10/16/2015 04:36	ALD
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-47-3	Chromium	ND		mg/L	0.050	0.050	1	EPA 6010C/1311	10/15/2015 14:43	10/16/2015 04:36	ALD
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7439-92-1	Lead	0.988		mg/L	0.030	0.030	1	EPA 6010C/1311	10/15/2015 14:43	10/16/2015 04:36	ALD
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7782-49-2	Selenium	0.111	M-SeT C, B	mg/L	0.100	0.100	1	EPA 6010C/1311	10/15/2015 14:43	10/16/2015 04:36	ALD
Certifications: CTDOH,NELAC-NY10854,NJDEP											
7440-22-4	Silver	ND		mg/L	0.050	0.050	1	EPA 6010C/1311	10/15/2015 14:43	10/16/2015 04:36	ALD
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											



Sample Information

Client Sample ID: Liquid from 3A

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Nickel by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	14.1		mg/kg dry	6.54	6.54	1	EPA 6010C	10/19/2015 15:24	10/19/2015 17:34	ALD
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											

Nickel, TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	0.463		mg/L	0.0500	0.0500	1	EPA 6010C/1311	10/15/2015 14:43	10/16/2015 04:36	ALD
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											

Vanadium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-62-2	Vanadium	ND		mg/kg dry	13.1	13.1	1	EPA 6010C	10/19/2015 15:24	10/19/2015 17:34	ALD
Certifications: CTDOH,NELAC-NY10854,NJDEP											

Zinc by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	606		mg/kg dry	13.1	13.1	1	EPA 6010C	10/19/2015 15:24	10/19/2015 17:34	ALD
Certifications: CTDOH,NELAC-NY10854,NJDEP											

Zinc, TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	1.84		mg/L	0.100	0.100	1	EPA 6010C/1311	10/15/2015 14:43	10/16/2015 04:36	ALD
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0432	0.0432	1	EPA 7471B	10/16/2015 16:32	10/16/2015 17:00	AA
Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP											

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	10/16/2015 12:12	10/16/2015 13:00	AA
Certifications: CTDOH,NJDEP,PADEP,NELAC-NY10854											



Sample Information

Client Sample ID: Liquid from 3A

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Ignitability

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Ignitability	Non-Ignit.		-	1	1	1	EPA 1030P Certifications: CTDOH,PADEP	10/20/2015 12:41	10/20/2015 15:12	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	76.5		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	10/15/2015 16:12	10/16/2015 17:00	CLS

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.458	0.654	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854	10/19/2015 07:44	10/20/2015 12:55	SC

Corrosivity

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	4.90		HT-pH pH units		0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP	10/14/2015 19:57	10/16/2015 16:58	CLS

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	1.31	1.31	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP	10/19/2015 08:22	10/19/2015 15:52	AD

Reactivity-Cyanide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Cyanide	ND		mg/kg	0.250	0.250	1	EPA SW-846 Ch.7.3.3 Certifications: CTDOH,PADEP	10/20/2015 08:11	10/20/2015 14:27	AD

Reactivity-Sulfide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Sulfide	ND		mg/kg	15.0	15.0	1	EPA SW-846 Ch.7.3.4 Certifications: CTDOH,PADEP	10/20/2015 08:13	10/20/2015 14:27	AD

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp



Sample Information

Client Sample ID: Liquid from 3A

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/14/2015 18:30	10/16/2015 16:57	CLS

TCLP Extraction for SVOCS/PEST/HERB

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for SVOA/PEST/HERBS

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/14/2015 18:53	10/16/2015 16:58	CLS

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		%	1.00	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/14/2015 18:56	10/16/2015 16:58	CLS

Sample Information

Client Sample ID: Liquid from 4A

York Sample ID: 15J0585-02

York Project (SDG) No.

15J0585

Client Project ID

15004

Matrix

Liquid

Collection Date/Time

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Date Received

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Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	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/kg wet	1200000	2500000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 16:34	10/17/2015 01:22	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:34	10/17/2015 01:22	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:34	10/17/2015 01:22	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 16:34	10/17/2015 01:22	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:34	10/17/2015 01:22	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:34	10/17/2015 01:22	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:34	10/17/2015 01:22	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/16/2015 16:34	10/17/2015 01:22	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/16/2015 16:34	10/17/2015 01:22	BK



Sample Information

Client Sample ID: Liquid from 4A

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York Project (SDG) No.

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Client Project ID

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Liquid

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Date Received

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Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/16/2015 16:34	10/17/2015 01:22	BK
95-63-6	1,2,4-Trimethylbenzene	27000000		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 16:34	10/17/2015 01:22	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 16:34	10/17/2015 01:22	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 16:34	10/17/2015 01:22	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:34	10/17/2015 01:22	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:34	10/17/2015 01:22	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 16:34	10/17/2015 01:22	BK
108-67-8	1,3,5-Trimethylbenzene	11000000		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 16:34	10/17/2015 01:22	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:34	10/17/2015 01:22	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:34	10/17/2015 01:22	BK
123-91-1	1,4-Dioxane	ND		ug/kg wet	25000000	50000000	100000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/16/2015 16:34	10/17/2015 01:22	BK
78-93-3	2-Butanone	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 16:34	10/17/2015 01:22	BK
591-78-6	2-Hexanone	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 16:34	10/17/2015 01:22	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 16:34	10/17/2015 01:22	BK
67-64-1	Acetone	ND	SCAL- E	ug/kg wet	2500000	5000000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 16:34	10/17/2015 01:22	BK
107-02-8	Acrolein	ND		ug/kg wet	2500000	5000000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 16:34	10/17/2015 01:22	BK
107-13-1	Acrylonitrile	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 16:34	10/17/2015 01:22	BK
71-43-2	Benzene	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:34	10/17/2015 01:22	BK
74-97-5	Bromochloromethane	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/16/2015 16:34	10/17/2015 01:22	BK
75-27-4	Bromodichloromethane	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:34	10/17/2015 01:22	BK
75-25-2	Bromoform	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:34	10/17/2015 01:22	BK
74-83-9	Bromomethane	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:34	10/17/2015 01:22	BK
75-15-0	Carbon disulfide	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 16:34	10/17/2015 01:22	BK



Sample Information

Client Sample ID: Liquid from 4A

York Sample ID: 15J0585-02

York Project (SDG) No.

15J0585

Client Project ID

15004

Matrix

Liquid

Collection Date/Time

October 14, 2015 2:30 pm

Date Received

10/14/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2015 01:22	BK
108-90-7	Chlorobenzene	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2015 01:22	BK
75-00-3	Chloroethane	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2015 01:22	BK
67-66-3	Chloroform	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2015 01:22	BK
74-87-3	Chloromethane	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2015 01:22	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP	10/17/2015 01:22	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2015 01:22	BK
110-82-7	Cyclohexane	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 NELAC-NY10854,NJDEP	10/17/2015 01:22	BK
124-48-1	Dibromochloromethane	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 NELAC-NY10854,NJDEP,PADEP	10/17/2015 01:22	BK
74-95-3	Dibromomethane	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 NELAC-NY10854,NJDEP	10/17/2015 01:22	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 NELAC-NY10854,NJDEP	10/17/2015 01:22	BK
100-41-4	Ethyl Benzene	29000000		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2015 01:22	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 NELAC-NY10854,NJDEP	10/17/2015 01:22	BK
98-82-8	Isopropylbenzene	1600000	J	ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP	10/17/2015 01:22	BK
79-20-9	Methyl acetate	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 NELAC-NY10854,NJDEP	10/17/2015 01:22	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP	10/17/2015 01:22	BK
108-87-2	Methylcyclohexane	1800000	J	ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 NELAC-NY10854,NJDEP	10/17/2015 01:22	BK
75-09-2	Methylene chloride	ND		ug/kg wet	2500000	5000000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2015 01:22	BK
104-51-8	n-Butylbenzene	5800000		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP	10/17/2015 01:22	BK
103-65-1	n-Propylbenzene	4100000		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP	10/17/2015 01:22	BK
95-47-6	o-Xylene	7200000		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854	10/17/2015 01:22	BK
179601-23-1	p- & m- Xylenes	86000000		ug/kg wet	2500000	5000000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854	10/17/2015 01:22	BK
99-87-6	p-Isopropyltoluene	3300000		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP	10/17/2015 01:22	BK



Sample Information

Client Sample ID: Liquid from 4A

York Sample ID: 15J0585-02

York Project (SDG) No.
15J0585

Client Project ID
15004

Matrix
Liquid

Collection Date/Time
October 14, 2015 2:30 pm

Date Received
10/14/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	3300000		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 16:34	10/17/2015 01:22	BK
100-42-5	Styrene	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 16:34	10/17/2015 01:22	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/16/2015 16:34	10/17/2015 01:22	BK
98-06-6	tert-Butylbenzene	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 16:34	10/17/2015 01:22	BK
127-18-4	Tetrachloroethylene	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:34	10/17/2015 01:22	BK
108-88-3	Toluene	3800000		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:34	10/17/2015 01:22	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 16:34	10/17/2015 01:22	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:34	10/17/2015 01:22	BK
79-01-6	Trichloroethylene	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:34	10/17/2015 01:22	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:34	10/17/2015 01:22	BK
75-01-4	Vinyl Chloride	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:34	10/17/2015 01:22	BK
1330-20-7	Xylenes, Total	93000000		ug/kg wet	3800000	7500000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:34	10/17/2015 01:22	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	104 %	77-125								
2037-26-5	Surrogate: Toluene-d8	95.5 %	85-120								
460-00-4	Surrogate: p-Bromofluorobenzene	97.9 %	76-130								

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		mg/L	0.062	0.12	25	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:35	10/17/2015 05:31	BK
107-06-2	1,2-Dichloroethane	ND		mg/L	0.062	0.12	25	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:35	10/17/2015 05:31	BK
106-46-7	1,4-Dichlorobenzene	ND		mg/L	0.062	0.12	25	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:35	10/17/2015 05:31	BK
78-93-3	2-Butanone	0.65		mg/L	0.062	0.12	25	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:35	10/17/2015 05:31	BK
71-43-2	Benzene	ND		mg/L	0.062	0.12	25	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:35	10/17/2015 05:31	BK
56-23-5	Carbon tetrachloride	ND		mg/L	0.062	0.12	25	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:35	10/17/2015 05:31	BK



Sample Information

Client Sample ID: Liquid from 4A

York Sample ID: 15J0585-02

York Project (SDG) No.

15J0585

Client Project ID

15004

Matrix

Liquid

Collection Date/Time

October 14, 2015 2:30 pm

Date Received

10/14/2015

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

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		mg/L	0.062	0.12	25	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:35	10/17/2015 05:31	BK
67-66-3	Chloroform	ND		mg/L	0.062	0.12	25	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:35	10/17/2015 05:31	BK
127-18-4	Tetrachloroethylene	ND		mg/L	0.062	0.12	25	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:35	10/17/2015 05:31	BK
79-01-6	Trichloroethylene	ND		mg/L	0.062	0.12	25	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:35	10/17/2015 05:31	BK
75-01-4	Vinyl Chloride	ND		mg/L	0.062	0.12	25	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:35	10/17/2015 05:31	BK
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	105 %		65-135							
460-00-4	Surrogate: p-Bromofluorobenzene	101 %		81-114							
2037-26-5	Surrogate: Toluene-d8	95.8 %		86-118							

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/19/2015 07:03	10/19/2015 17:18	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg wet	622000	1240000	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/19/2015 07:03	10/19/2015 17:18	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 17:18	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications: NELAC-NY10854	10/19/2015 07:03	10/19/2015 17:18	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/19/2015 07:03	10/19/2015 17:18	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications: NELAC-NY10854	10/19/2015 07:03	10/19/2015 17:18	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications: NELAC-NY10854	10/19/2015 07:03	10/19/2015 17:18	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg wet	622000	1240000	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/19/2015 07:03	10/19/2015 17:18	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 07:03	10/19/2015 17:18	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 17:18	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 17:18	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 17:18	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg wet	622000	1240000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 17:18	SR



Sample Information

Client Sample ID: Liquid from 4A

York Sample ID: 15J0585-02

York Project (SDG) No.
15J0585

Client Project ID
15004

Matrix
Liquid

Collection Date/Time
October 14, 2015 2:30 pm

Date Received
10/14/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 17:18	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 17:18	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 17:18	SR
95-57-8	2-Chlorophenol	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 17:18	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP	10/19/2015 17:18	SR
95-48-7	2-Methylphenol	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 17:18	SR
88-74-4	2-Nitroaniline	ND		ug/kg wet	622000	1240000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 17:18	SR
88-75-5	2-Nitrophenol	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 17:18	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP	10/19/2015 17:18	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 NELAC-NY10854,NJDEP,PADEP	10/19/2015 17:18	SR
99-09-2	3-Nitroaniline	ND		ug/kg wet	622000	1240000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 17:18	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg wet	622000	1240000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP	10/19/2015 17:18	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 17:18	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 17:18	SR
106-47-8	4-Chloroaniline	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 17:18	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 17:18	SR
100-01-6	4-Nitroaniline	ND		ug/kg wet	622000	1240000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 17:18	SR
100-02-7	4-Nitrophenol	ND		ug/kg wet	622000	1240000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 17:18	SR
83-32-9	Acenaphthene	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 17:18	SR
208-96-8	Acenaphthylene	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 17:18	SR
98-86-2	Acetophenone	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 NELAC-NY10854,NJDEP	10/19/2015 17:18	SR
62-53-3	Aniline	ND		ug/kg wet	1250000	2490000	50	EPA 8270D Certifications:	10/19/2015 07:03 NELAC-NY10854,NJDEP,PADEP	10/19/2015 17:18	SR
120-12-7	Anthracene	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 17:18	SR
1912-24-9	Atrazine	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 NELAC-NY10854,NJDEP	10/19/2015 17:18	SR



Sample Information

Client Sample ID: Liquid from 4A

York Sample ID: 15J0585-02

York Project (SDG) No.
15J0585

Client Project ID
15004

Matrix
Liquid

Collection Date/Time
October 14, 2015 2:30 pm

Date Received
10/14/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/19/2015 07:03	10/19/2015 17:18	SR
92-87-5	Benzidine	ND		ug/kg wet	1250000	2490000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854	10/19/2015 07:03	10/19/2015 17:18	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 17:18	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 17:18	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 17:18	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 17:18	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 17:18	SR
65-85-0	Benzoic acid	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/19/2015 07:03	10/19/2015 17:18	SR
100-51-6	Benzyl alcohol	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 17:18	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 17:18	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 17:18	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 17:18	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 17:18	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 17:18	SR
105-60-2	Caprolactam	ND		ug/kg wet	622000	1240000	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/19/2015 07:03	10/19/2015 17:18	SR
86-74-8	Carbazole	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 17:18	SR
218-01-9	Chrysene	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 17:18	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 17:18	SR
132-64-9	Dibenzofuran	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 07:03	10/19/2015 17:18	SR
84-66-2	Diethyl phthalate	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 17:18	SR
131-11-3	Dimethyl phthalate	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 17:18	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 17:18	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 17:18	SR
206-44-0	Fluoranthene	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 17:18	SR



Sample Information

Client Sample ID: Liquid from 4A

York Sample ID: 15J0585-02

York Project (SDG) No.

15J0585

Client Project ID

15004

Matrix

Liquid

Collection Date/Time

October 14, 2015 2:30 pm

Date Received

10/14/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 17:18	SR
118-74-1	Hexachlorobenzene	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 17:18	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 17:18	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 17:18	SR
67-72-1	Hexachloroethane	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 17:18	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 17:18	SR
78-59-1	Isophorone	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 17:18	SR
91-20-3	Naphthalene	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 07:03	10/19/2015 17:18	SR
98-95-3	Nitrobenzene	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 17:18	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 07:03	10/19/2015 17:18	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 17:18	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 07:03	10/19/2015 17:18	SR
87-86-5	Pentachlorophenol	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 17:18	SR
85-01-8	Phenanthrene	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 17:18	SR
108-95-2	Phenol	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 17:18	SR
129-00-0	Pyrene	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 17:18	SR
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: 2-Fluorophenol	%	S-01			10-95					
4165-62-2	Surrogate: Phenol-d5	7.33 %	S-01			10-107					
4165-60-0	Surrogate: Nitrobenzene-d5	22.9 %	S-01			10-95					
321-60-8	Surrogate: 2-Fluorobiphenyl	%	S-01			10-97					
118-79-6	Surrogate: 2,4,6-Tribromophenol	%	S-01			10-103					
1718-51-0	Surrogate: Terphenyl-d14	3.98 %	S-01			19-99					

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		mg/L	0.0221	0.0500	1	EPA 8270D/1311 Certifications: NELAC-NY10854	10/16/2015 07:56	10/17/2015 01:08	KH



Sample Information

Client Sample ID: Liquid from 4A

York Sample ID: 15J0585-02

York Project (SDG) No.

15J0585

Client Project ID

15004

Matrix

Liquid

Collection Date/Time

October 14, 2015 2:30 pm

Date Received

10/14/2015

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		mg/L	0.0191	0.0500	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 07:56	10/17/2015 01:08	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/L	0.0175	0.0500	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 07:56	10/17/2015 01:08	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/L	0.0161	0.0500	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 07:56	10/17/2015 01:08	KH
95-48-7	2-Methylphenol	ND		mg/L	0.0116	0.0500	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 07:56	10/17/2015 01:08	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/L	0.0112	0.100	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 07:56	10/17/2015 01:08	KH
1319-77-3	Cresols, total	ND		mg/L	0.0116	0.150	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854	10/16/2015 07:56	10/17/2015 01:08	KH
118-74-1	Hexachlorobenzene	ND		mg/L	0.0127	0.0500	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 07:56	10/17/2015 01:08	KH
87-68-3	Hexachlorobutadiene	ND		mg/L	0.0279	0.0500	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 07:56	10/17/2015 01:08	KH
67-72-1	Hexachloroethane	ND		mg/L	0.0304	0.0500	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 07:56	10/17/2015 01:08	KH
98-95-3	Nitrobenzene	ND		mg/L	0.0169	0.0500	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 07:56	10/17/2015 01:08	KH
87-86-5	Pentachlorophenol	ND		mg/L	0.0145	0.0500	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 07:56	10/17/2015 01:08	KH
110-86-1	Pyridine	ND		mg/L	0.0391	0.0500	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 07:56	10/17/2015 01:08	KH
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: 2-Fluorophenol	27.6 %									
4165-62-2	Surrogate: Phenol-d5	33.1 %									
4165-60-0	Surrogate: Nitrobenzene-d5	104 %	S-08								
321-60-8	Surrogate: 2-Fluorobiphenyl	81.3 %									
118-79-6	Surrogate: 2,4,6-Tribromophenol	123 %									
1718-51-0	Surrogate: Terphenyl-d14	111 %	S-08								

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg wet	4.90	4.90	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/19/2015 07:01	10/19/2015 15:09	AMC
11104-28-2	Aroclor 1221	ND		mg/kg wet	4.90	4.90	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/19/2015 07:01	10/19/2015 15:09	AMC
11141-16-5	Aroclor 1232	ND		mg/kg wet	4.90	4.90	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/19/2015 07:01	10/19/2015 15:09	AMC
53469-21-9	Aroclor 1242	ND		mg/kg wet	4.90	4.90	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/19/2015 07:01	10/19/2015 15:09	AMC



Sample Information

Client Sample ID: Liquid from 4A

York Sample ID: 15J0585-02

York Project (SDG) No.
15J0585

Client Project ID
15004

Matrix
Liquid

Collection Date/Time
October 14, 2015 2:30 pm

Date Received
10/14/2015

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12672-29-6	Aroclor 1248	ND		mg/kg wet	4.90	4.90	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/19/2015 07:01	10/19/2015 15:09	AMC
11097-69-1	Aroclor 1254	ND		mg/kg wet	4.90	4.90	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/19/2015 07:01	10/19/2015 15:09	AMC
11096-82-5	Aroclor 1260	ND		mg/kg wet	4.90	4.90	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/19/2015 07:01	10/19/2015 15:09	AMC
1336-36-3	* Total PCBs	ND		mg/kg wet	4.90	4.90	1	EPA 8082A Certifications:	10/19/2015 07:01	10/19/2015 15:09	AMC
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	61.2 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	60.9 %		30-140							

Alcohols, C1-C3 Targets

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-56-1	* Methanol	76.9		mg/kg wet	2.00	2.00	1	EPA 8015D m Certifications:	10/16/2015 17:25	10/20/2015 10:28	RB

Glycols, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-21-1	* Ethylene Glycol	ND		mg/kg wet	250	250	1	GC/FID Certifications:	10/15/2015 17:22	10/16/2015 08:45	RB

Beryllium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	Beryllium	ND		mg/kg wet	1.00	1.00	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 15:24	10/19/2015 17:38	ALD

Copper by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	ND		mg/kg wet	5.00	5.00	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 15:24	10/19/2015 17:38	ALD

Copper, TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

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



Sample Information

Client Sample ID: Liquid from 4A

York Sample ID: 15J0585-02

York Project (SDG) No.
15J0585

Client Project ID
15004

Matrix
Liquid

Collection Date/Time
October 14, 2015 2:30 pm

Date Received
10/14/2015

Copper, TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	0.0326		mg/L	0.0300	0.0300	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/15/2015 14:43	10/16/2015 04:40	ALD

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/kg wet	10.0	10.0	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 15:24	10/19/2015 17:38	ALD
7440-39-3	Barium	ND		mg/kg wet	10.0	10.0	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 15:24	10/19/2015 17:38	ALD
7440-43-9	Cadmium	ND		mg/kg wet	3.00	3.00	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 15:24	10/19/2015 17:38	ALD
7440-47-3	Chromium	ND		mg/kg wet	5.00	5.00	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 15:24	10/19/2015 17:38	ALD
7439-92-1	Lead	3.37		mg/kg wet	3.00	3.00	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 15:24	10/19/2015 17:38	ALD
7782-49-2	Selenium	ND		mg/kg wet	10.0	10.0	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 15:24	10/19/2015 17:38	ALD
7440-22-4	Silver	ND		mg/kg wet	5.00	5.00	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 15:24	10/19/2015 17:38	ALD

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.040	0.040	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/15/2015 14:43	10/16/2015 04:40	ALD
7440-39-3	Barium	0.566		mg/L	0.100	0.100	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/15/2015 14:43	10/16/2015 04:40	ALD
7440-43-9	Cadmium	ND		mg/L	0.030	0.030	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/15/2015 14:43	10/16/2015 04:40	ALD
7440-47-3	Chromium	ND		mg/L	0.050	0.050	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/15/2015 14:43	10/16/2015 04:40	ALD
7439-92-1	Lead	ND		mg/L	0.030	0.030	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/15/2015 14:43	10/16/2015 04:40	ALD
7782-49-2	Selenium	ND	M-SeT C	mg/L	0.100	0.100	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/15/2015 14:43	10/16/2015 04:40	ALD
7440-22-4	Silver	ND		mg/L	0.050	0.050	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/15/2015 14:43	10/16/2015 04:40	ALD

Nickel by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	ND		mg/kg wet	5.00	5.00	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 15:24	10/19/2015 17:38	ALD



Sample Information

Client Sample ID: Liquid from 4A

York Sample ID: 15J0585-02

York Project (SDG) No.
15J0585

Client Project ID
15004

Matrix
Liquid

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10/14/2015

Nickel, TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	ND		mg/L	0.0500	0.0500	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/15/2015 14:43	10/16/2015 04:40	ALD

Vanadium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-62-2	Vanadium	ND		mg/kg wet	10.0	10.0	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 15:24	10/19/2015 17:38	ALD

Zinc by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	16.1		mg/kg wet	10.0	10.0	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 15:24	10/19/2015 17:38	ALD

Zinc, TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	1.48		mg/L	0.100	0.100	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/15/2015 14:43	10/16/2015 04:40	ALD

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg wet	0.0330	0.0330	1	EPA 7471B Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	10/16/2015 16:32	10/16/2015 17:00	AA

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311 Certifications: CTDOH,NJDEP,PADEP,NELAC-NY10854	10/16/2015 12:12	10/16/2015 13:00	AA

Ignitability

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Ignitability	Non-Ignit.		-	1	1	1	EPA 1030P Certifications: CTDOH,PADEP	10/20/2015 12:41	10/20/2015 15:12	AA



Sample Information

Client Sample ID: Liquid from 4A

York Sample ID: 15J0585-02

York Project (SDG) No.

15J0585

Client Project ID

15004

Matrix

Liquid

Collection Date/Time

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Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg wet	0.350	0.500	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854	10/19/2015 07:44	10/20/2015 12:55	SC

Corrosivity

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	4.03	HT-pH	pH units		0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP	10/14/2015 19:57	10/16/2015 16:58	CLS

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg wet	1.00	1.00	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP	10/19/2015 08:22	10/19/2015 15:52	AD

Reactivity-Cyanide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Cyanide	ND		mg/kg	0.250	0.250	1	EPA SW-846 Ch.7.3.3 Certifications: CTDOH,PADEP	10/20/2015 08:11	10/20/2015 14:27	AD

Reactivity-Sulfide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Sulfide	ND		mg/kg	15.0	15.0	1	EPA SW-846 Ch.7.3.4 Certifications: CTDOH,PADEP	10/20/2015 08:13	10/20/2015 14:27	AD

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/14/2015 18:30	10/16/2015 16:57	CLS

TCLP Extraction for SVOCS/PEST/HERB

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/14/2015 18:53	10/16/2015 16:58	CLS

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes: EXT-Temp



Sample Information

Client Sample ID: Liquid from 4A

York Sample ID: 15J0585-02

York Project (SDG) No.

Client Project ID

Matrix

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Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		%	1.00	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/14/2015 18:56	10/16/2015 16:58	CLS

Sample Information

Client Sample ID: Liquid from 4B

York Sample ID: 15J0585-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15J0585

15004

Water

October 14, 2015 2:30 pm

10/14/2015

Total Petroleum Hydrocarbons-GRO (C5-C10)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Petroleum Hydrocarbons-GRO	8.11		mg/L	4.00	8.00	10	EPA 8015D Certifications: NJDEP,NELAC-NY10854	10/19/2015 12:51	10/19/2015 21:55	OW
	Surrogate Recoveries	Result						Acceptance Range			
460-00-4	Surrogate: <i>p</i> -Bromofluorobenzene	97.1 %						70-130			

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

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/L	20000	50000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/20/2015 16:55	10/21/2015 05:53	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	20000	50000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/20/2015 16:55	10/21/2015 05:53	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	20000	50000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/20/2015 16:55	10/21/2015 05:53	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	20000	50000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/20/2015 16:55	10/21/2015 05:53	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	20000	50000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/20/2015 16:55	10/21/2015 05:53	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	20000	50000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/20/2015 16:55	10/21/2015 05:53	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	20000	50000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/20/2015 16:55	10/21/2015 05:53	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	20000	50000	100000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/20/2015 16:55	10/21/2015 05:53	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	20000	50000	100000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/20/2015 16:55	10/21/2015 05:53	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	20000	50000	100000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/20/2015 16:55	10/21/2015 05:53	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	20000	50000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/20/2015 16:55	10/21/2015 05:53	SS



Sample Information

Client Sample ID: Liquid from 4B

York Sample ID: 15J0585-03

York Project (SDG) No.

15J0585

Client Project ID

15004

Matrix

Water

Collection Date/Time

October 14, 2015 2:30 pm

Date Received

10/14/2015

Volatile Organics, 8260 - Comprehensive

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	20000	50000	100000	EPA 8260C Certifications:	10/20/2015 16:55 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 05:53	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	20000	50000	100000	EPA 8260C Certifications:	10/20/2015 16:55 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 05:53	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	20000	50000	100000	EPA 8260C Certifications:	10/20/2015 16:55 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 05:53	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	20000	50000	100000	EPA 8260C Certifications:	10/20/2015 16:55 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 05:53	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	20000	50000	100000	EPA 8260C Certifications:	10/20/2015 16:55 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 05:53	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	20000	50000	100000	EPA 8260C Certifications:	10/20/2015 16:55 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 05:53	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	20000	50000	100000	EPA 8260C Certifications:	10/20/2015 16:55 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 05:53	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	20000	50000	100000	EPA 8260C Certifications:	10/20/2015 16:55 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 05:53	SS
123-91-1	1,4-Dioxane	ND		ug/L	4000000	8000000	100000	EPA 8260C Certifications:	10/20/2015 16:55 NELAC-NY10854,NJDEP	10/21/2015 05:53	SS
78-93-3	2-Butanone	ND		ug/L	20000	50000	100000	EPA 8260C Certifications:	10/20/2015 16:55 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 05:53	SS
591-78-6	2-Hexanone	ND		ug/L	20000	50000	100000	EPA 8260C Certifications:	10/20/2015 16:55 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 05:53	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	20000	50000	100000	EPA 8260C Certifications:	10/20/2015 16:55 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 05:53	SS
67-64-1	Acetone	230000	SCAL- E	ug/L	100000	200000	100000	EPA 8260C Certifications:	10/20/2015 16:55 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 05:53	SS
107-02-8	Acrolein	ND		ug/L	20000	50000	100000	EPA 8260C Certifications:	10/20/2015 16:55 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 05:53	SS
107-13-1	Acrylonitrile	ND		ug/L	20000	50000	100000	EPA 8260C Certifications:	10/20/2015 16:55 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 05:53	SS
71-43-2	Benzene	ND		ug/L	20000	50000	100000	EPA 8260C Certifications:	10/20/2015 16:55 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 05:53	SS
74-97-5	Bromochloromethane	ND		ug/L	20000	50000	100000	EPA 8260C Certifications:	10/20/2015 16:55 NELAC-NY10854,NJDEP	10/21/2015 05:53	SS
75-27-4	Bromodichloromethane	ND		ug/L	20000	50000	100000	EPA 8260C Certifications:	10/20/2015 16:55 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 05:53	SS
75-25-2	Bromoform	ND		ug/L	20000	50000	100000	EPA 8260C Certifications:	10/20/2015 16:55 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 05:53	SS
74-83-9	Bromomethane	ND		ug/L	20000	50000	100000	EPA 8260C Certifications:	10/20/2015 16:55 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 05:53	SS
75-15-0	Carbon disulfide	ND		ug/L	20000	50000	100000	EPA 8260C Certifications:	10/20/2015 16:55 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 05:53	SS
56-23-5	Carbon tetrachloride	ND		ug/L	20000	50000	100000	EPA 8260C Certifications:	10/20/2015 16:55 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 05:53	SS
108-90-7	Chlorobenzene	ND		ug/L	20000	50000	100000	EPA 8260C Certifications:	10/20/2015 16:55 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 05:53	SS
75-00-3	Chloroethane	ND		ug/L	20000	50000	100000	EPA 8260C Certifications:	10/20/2015 16:55 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 05:53	SS



Sample Information

Client Sample ID: Liquid from 4B

York Sample ID: 15J0585-03

York Project (SDG) No.
15J0585

Client Project ID
15004

Matrix
Water

Collection Date/Time
October 14, 2015 2:30 pm

Date Received
10/14/2015

Volatile Organics, 8260 - Comprehensive

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
67-66-3	Chloroform	ND		ug/L	20000	50000	100000	EPA 8260C Certifications:	10/20/2015 16:55 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 05:53	SS
74-87-3	Chloromethane	ND		ug/L	20000	50000	100000	EPA 8260C Certifications:	10/20/2015 16:55 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 05:53	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	20000	50000	100000	EPA 8260C Certifications:	10/20/2015 16:55 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 05:53	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	20000	50000	100000	EPA 8260C Certifications:	10/20/2015 16:55 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 05:53	SS
110-82-7	Cyclohexane	ND		ug/L	20000	50000	100000	EPA 8260C Certifications:	10/20/2015 16:55 NELAC-NY10854,NJDEP	10/21/2015 05:53	SS
124-48-1	Dibromochloromethane	ND		ug/L	20000	50000	100000	EPA 8260C Certifications:	10/20/2015 16:55 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 05:53	SS
74-95-3	Dibromomethane	ND		ug/L	20000	50000	100000	EPA 8260C Certifications:	10/20/2015 16:55 NELAC-NY10854,NJDEP	10/21/2015 05:53	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	20000	50000	100000	EPA 8260C Certifications:	10/20/2015 16:55 NELAC-NY10854,NJDEP	10/21/2015 05:53	SS
100-41-4	Ethyl Benzene	ND		ug/L	20000	50000	100000	EPA 8260C Certifications:	10/20/2015 16:55 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 05:53	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	20000	50000	100000	EPA 8260C Certifications:	10/20/2015 16:55 NELAC-NY10854,NJDEP	10/21/2015 05:53	SS
98-82-8	Isopropylbenzene	ND		ug/L	20000	50000	100000	EPA 8260C Certifications:	10/20/2015 16:55 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 05:53	SS
79-20-9	Methyl acetate	ND		ug/L	20000	50000	100000	EPA 8260C Certifications:	10/20/2015 16:55 NELAC-NY10854,NJDEP	10/21/2015 05:53	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	20000	50000	100000	EPA 8260C Certifications:	10/20/2015 16:55 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 05:53	SS
108-87-2	Methylcyclohexane	ND		ug/L	20000	50000	100000	EPA 8260C Certifications:	10/20/2015 16:55 NELAC-NY10854,NJDEP	10/21/2015 05:53	SS
75-09-2	Methylene chloride	ND		ug/L	100000	200000	100000	EPA 8260C Certifications:	10/20/2015 16:55 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 05:53	SS
104-51-8	n-Butylbenzene	ND		ug/L	20000	50000	100000	EPA 8260C Certifications:	10/20/2015 16:55 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 05:53	SS
103-65-1	n-Propylbenzene	ND		ug/L	20000	50000	100000	EPA 8260C Certifications:	10/20/2015 16:55 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 05:53	SS
95-47-6	o-Xylene	ND		ug/L	20000	50000	100000	EPA 8260C Certifications:	10/20/2015 16:55 NELAC-NY10854	10/21/2015 05:53	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	50000	100000	100000	EPA 8260C Certifications:	10/20/2015 16:55 NELAC-NY10854	10/21/2015 05:53	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	20000	50000	100000	EPA 8260C Certifications:	10/20/2015 16:55 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 05:53	SS
135-98-8	sec-Butylbenzene	ND		ug/L	20000	50000	100000	EPA 8260C Certifications:	10/20/2015 16:55 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 05:53	SS
100-42-5	Styrene	ND		ug/L	20000	50000	100000	EPA 8260C Certifications:	10/20/2015 16:55 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 05:53	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	50000	100000	100000	EPA 8260C Certifications:	10/20/2015 16:55 NELAC-NY10854,NJDEP	10/21/2015 05:53	SS
98-06-6	tert-Butylbenzene	ND		ug/L	20000	50000	100000	EPA 8260C Certifications:	10/20/2015 16:55 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 05:53	SS



Sample Information

Client Sample ID: Liquid from 4B

York Sample ID: 15J0585-03

York Project (SDG) No.
15J0585

Client Project ID
15004

Matrix
Water

Collection Date/Time
October 14, 2015 2:30 pm

Date Received
10/14/2015

Volatile Organics, 8260 - Comprehensive

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
127-18-4	Tetrachloroethylene	ND		ug/L	20000	50000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/20/2015 16:55	10/21/2015 05:53	SS
108-88-3	Toluene	ND		ug/L	20000	50000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/20/2015 16:55	10/21/2015 05:53	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	20000	50000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/20/2015 16:55	10/21/2015 05:53	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	20000	50000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/20/2015 16:55	10/21/2015 05:53	SS
79-01-6	Trichloroethylene	ND		ug/L	20000	50000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/20/2015 16:55	10/21/2015 05:53	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	20000	50000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/20/2015 16:55	10/21/2015 05:53	SS
75-01-4	Vinyl Chloride	ND		ug/L	20000	50000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/20/2015 16:55	10/21/2015 05:53	SS
1330-20-7	* Xylenes, Total	ND		ug/L	60000	150000	100000	EPA 8260C Certifications: CTDOH,NJDEP	10/20/2015 16:55	10/21/2015 05:53	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	111 %			69-130						
2037-26-5	Surrogate: Toluene-d8	102 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	90.1 %			79-122						

Volatile Organics, TCLP RCRA 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
75-35-4	1,1-Dichloroethylene	ND		mg/L	0.062	0.12	25	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:36	10/17/2015 06:07	BK
107-06-2	1,2-Dichloroethane	ND		mg/L	0.062	0.12	25	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:36	10/17/2015 06:07	BK
106-46-7	1,4-Dichlorobenzene	ND		mg/L	0.062	0.12	25	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:36	10/17/2015 06:07	BK
78-93-3	2-Butanone	ND		mg/L	0.062	0.12	25	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:36	10/17/2015 06:07	BK
71-43-2	Benzene	ND		mg/L	0.062	0.12	25	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:36	10/17/2015 06:07	BK
56-23-5	Carbon tetrachloride	ND		mg/L	0.062	0.12	25	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:36	10/17/2015 06:07	BK
108-90-7	Chlorobenzene	ND		mg/L	0.062	0.12	25	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:36	10/17/2015 06:07	BK
67-66-3	Chloroform	ND		mg/L	0.062	0.12	25	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:36	10/17/2015 06:07	BK
127-18-4	Tetrachloroethylene	ND		mg/L	0.062	0.12	25	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:36	10/17/2015 06:07	BK
79-01-6	Trichloroethylene	ND		mg/L	0.062	0.12	25	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:36	10/17/2015 06:07	BK
75-01-4	Vinyl Chloride	ND		mg/L	0.062	0.12	25	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:36	10/17/2015 06:07	BK



Sample Information

Client Sample ID: Liquid from 4B

York Sample ID: 15J0585-03

York Project (SDG) No.

15J0585

Client Project ID

15004

Matrix

Water

Collection Date/Time

October 14, 2015 2:30 pm

Date Received

10/14/2015

Volatile Organics, TCLP RCRA 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
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	107 %			65	135					
460-00-4	Surrogate: p-Bromofluorobenzene	102 %			81	114					
2037-26-5	Surrogate: Toluene-d8	95.0 %			86	118					

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	1250	2500	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/19/2015 08:09	10/19/2015 20:35	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	1250	2500	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/19/2015 08:09	10/19/2015 20:35	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	1250	2500	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 08:09	10/19/2015 20:35	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	1250	2500	50	EPA 8270D Certifications: NELAC-NY10854	10/19/2015 08:09	10/19/2015 20:35	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	1250	2500	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/19/2015 08:09	10/19/2015 20:35	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	1250	2500	50	EPA 8270D Certifications: NELAC-NY10854	10/19/2015 08:09	10/19/2015 20:35	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	1250	2500	50	EPA 8270D Certifications: NELAC-NY10854	10/19/2015 08:09	10/19/2015 20:35	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	1250	2500	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/19/2015 08:09	10/19/2015 20:35	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	1250	2500	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 08:09	10/19/2015 20:35	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	1250	2500	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 08:09	10/19/2015 20:35	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	1250	2500	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 08:09	10/19/2015 20:35	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	1250	2500	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 08:09	10/19/2015 20:35	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	1250	2500	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 08:09	10/19/2015 20:35	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	1250	2500	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 08:09	10/19/2015 20:35	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	1250	2500	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 08:09	10/19/2015 20:35	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	1250	2500	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 08:09	10/19/2015 20:35	SR
95-57-8	2-Chlorophenol	ND		ug/L	1250	2500	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 08:09	10/19/2015 20:35	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	1250	2500	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 08:09	10/19/2015 20:35	SR



Sample Information

Client Sample ID: Liquid from 4B

York Sample ID: 15J0585-03

York Project (SDG) No.
15J0585

Client Project ID
15004

Matrix
Water

Collection Date/Time
October 14, 2015 2:30 pm

Date Received
10/14/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/L	1250	2500	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 08:09	10/19/2015 20:35	SR
88-74-4	2-Nitroaniline	ND		ug/L	1250	2500	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 08:09	10/19/2015 20:35	SR
88-75-5	2-Nitrophenol	ND		ug/L	1250	2500	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 08:09	10/19/2015 20:35	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	1250	2500	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 08:09	10/19/2015 20:35	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	1250	2500	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 08:09	10/19/2015 20:35	SR
99-09-2	3-Nitroaniline	ND		ug/L	1250	2500	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 08:09	10/19/2015 20:35	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	1250	2500	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 08:09	10/19/2015 20:35	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	1250	2500	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 08:09	10/19/2015 20:35	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	1250	2500	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 08:09	10/19/2015 20:35	SR
106-47-8	4-Chloroaniline	ND		ug/L	1250	2500	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 08:09	10/19/2015 20:35	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	1250	2500	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 08:09	10/19/2015 20:35	SR
100-01-6	4-Nitroaniline	ND		ug/L	1250	2500	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 08:09	10/19/2015 20:35	SR
100-02-7	4-Nitrophenol	ND		ug/L	1250	2500	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 08:09	10/19/2015 20:35	SR
83-32-9	Acenaphthene	ND		ug/L	25.0	25.0	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 08:09	10/19/2015 20:35	SR
208-96-8	Acenaphthylene	ND		ug/L	25.0	25.0	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 08:09	10/19/2015 20:35	SR
98-86-2	Acetophenone	ND		ug/L	1250	2500	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/19/2015 08:09	10/19/2015 20:35	SR
62-53-3	Aniline	ND		ug/L	1250	2500	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/19/2015 08:09	10/19/2015 20:35	SR
120-12-7	Anthracene	ND		ug/L	25.0	25.0	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 08:09	10/19/2015 20:35	SR
1912-24-9	Atrazine	ND		ug/L	250	250	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/19/2015 08:09	10/19/2015 20:35	SR
100-52-7	Benzaldehyde	ND		ug/L	1250	2500	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/19/2015 08:09	10/19/2015 20:35	SR
92-87-5	Benzidine	ND		ug/L	5000	10000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 08:09	10/19/2015 20:35	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	25.0	25.0	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 08:09	10/19/2015 20:35	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	25.0	25.0	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 08:09	10/19/2015 20:35	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	25.0	25.0	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 08:09	10/19/2015 20:35	SR



Sample Information

Client Sample ID: Liquid from 4B

York Sample ID: 15J0585-03

York Project (SDG) No.

15J0585

Client Project ID

15004

Matrix

Water

Collection Date/Time

October 14, 2015 2:30 pm

Date Received

10/14/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	25.0	25.0	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 08:09	10/19/2015 20:35	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	25.0	25.0	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 08:09	10/19/2015 20:35	SR
65-85-0	Benzoic acid	ND		ug/L	12500	25000	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/19/2015 08:09	10/19/2015 20:35	SR
100-51-6	Benzyl alcohol	ND		ug/L	1250	2500	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/19/2015 08:09	10/19/2015 20:35	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	1250	2500	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 08:09	10/19/2015 20:35	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	1250	2500	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 08:09	10/19/2015 20:35	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1250	2500	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 08:09	10/19/2015 20:35	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	1250	2500	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 08:09	10/19/2015 20:35	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	250	250	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 08:09	10/19/2015 20:35	SR
105-60-2	Caprolactam	ND		ug/L	1250	2500	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/19/2015 08:09	10/19/2015 20:35	SR
86-74-8	Carbazole	ND		ug/L	1250	2500	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 08:09	10/19/2015 20:35	SR
218-01-9	Chrysene	ND		ug/L	25.0	25.0	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 08:09	10/19/2015 20:35	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	25.0	25.0	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 08:09	10/19/2015 20:35	SR
132-64-9	Dibenzofuran	ND		ug/L	1250	2500	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 08:09	10/19/2015 20:35	SR
84-66-2	Diethyl phthalate	ND		ug/L	1250	2500	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 08:09	10/19/2015 20:35	SR
131-11-3	Dimethyl phthalate	ND		ug/L	1250	2500	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 08:09	10/19/2015 20:35	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	1250	2500	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 08:09	10/19/2015 20:35	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	1250	2500	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 08:09	10/19/2015 20:35	SR
206-44-0	Fluoranthene	ND		ug/L	25.0	25.0	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 08:09	10/19/2015 20:35	SR
86-73-7	Fluorene	ND		ug/L	25.0	25.0	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/19/2015 08:09	10/19/2015 20:35	SR
118-74-1	Hexachlorobenzene	ND		ug/L	10.0	10.0	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 08:09	10/19/2015 20:35	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	250	250	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 08:09	10/19/2015 20:35	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	1250	2500	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 08:09	10/19/2015 20:35	SR
67-72-1	Hexachloroethane	ND		ug/L	250	250	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 08:09	10/19/2015 20:35	SR



Sample Information

Client Sample ID: Liquid from 4B

York Sample ID: 15J0585-03

York Project (SDG) No.
15J0585

Client Project ID
15004

Matrix
Water

Collection Date/Time
October 14, 2015 2:30 pm

Date Received
10/14/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	25.0	25.0	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 08:09	10/19/2015 20:35	SR
78-59-1	Isophorone	ND		ug/L	1250	2500	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 08:09	10/19/2015 20:35	SR
91-20-3	Naphthalene	ND		ug/L	25.0	25.0	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 08:09	10/19/2015 20:35	SR
98-95-3	Nitrobenzene	1440		ug/L	125	125	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 08:09	10/19/2015 20:35	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	250	250	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 08:09	10/19/2015 20:35	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	1250	2500	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 08:09	10/19/2015 20:35	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	1250	2500	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 08:09	10/19/2015 20:35	SR
87-86-5	Pentachlorophenol	ND		ug/L	125	125	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 08:09	10/19/2015 20:35	SR
85-01-8	* Phenanthrene	ND		ug/L	25.0	25.0	50	EPA 8270D Certifications:	10/19/2015 08:09	10/19/2015 20:35	SR
108-95-2	Phenol	ND		ug/L	1250	2500	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 08:09	10/19/2015 20:35	SR
129-00-0	Pyrene	ND		ug/L	25.0	25.0	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 08:09	10/19/2015 20:35	SR
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	7.98 %	10-65								
4165-62-2	Surrogate: Phenol-d5	9.33 %	10-49								
4165-60-0	Surrogate: Nitrobenzene-d5	36.9 %	10-96								
321-60-8	Surrogate: 2-Fluorobiphenyl	34.0 %	10-93								
118-79-6	Surrogate: 2,4,6-Tribromophenol	%	10-128								
1718-51-0	Surrogate: Terphenyl-d14	35.9 %	10-100								

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		mg/L	0.0221	0.0500	1	EPA 8270D/1311 Certifications: NELAC-NY10854	10/16/2015 07:56	10/18/2015 18:35	SR
95-95-4	2,4,5-Trichlorophenol	ND		mg/L	0.0191	0.0500	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 07:56	10/18/2015 18:35	SR
88-06-2	2,4,6-Trichlorophenol	ND		mg/L	0.0175	0.0500	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 07:56	10/18/2015 18:35	SR
121-14-2	2,4-Dinitrotoluene	ND		mg/L	0.0161	0.0500	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 07:56	10/18/2015 18:35	SR
95-48-7	2-Methylphenol	ND		mg/L	0.0116	0.0500	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 07:56	10/18/2015 18:35	SR
65794-96-9	3- & 4-Methylphenols	ND		mg/L	0.0112	0.100	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 07:56	10/18/2015 18:35	SR



Sample Information

Client Sample ID: Liquid from 4B

York Sample ID: 15J0585-03

York Project (SDG) No.

15J0585

Client Project ID

15004

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Date Received

10/14/2015

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1319-77-3	Cresols, total	ND		mg/L	0.0116	0.150	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854	10/16/2015 07:56	10/18/2015 18:35	SR
118-74-1	Hexachlorobenzene	ND		mg/L	0.0127	0.0500	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 07:56	10/18/2015 18:35	SR
87-68-3	Hexachlorobutadiene	ND		mg/L	0.0279	0.0500	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 07:56	10/18/2015 18:35	SR
67-72-1	Hexachloroethane	ND		mg/L	0.0304	0.0500	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 07:56	10/18/2015 18:35	SR
98-95-3	Nitrobenzene	ND		mg/L	0.0169	0.0500	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 07:56	10/18/2015 18:35	SR
87-86-5	Pentachlorophenol	ND		mg/L	0.0145	0.0500	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 07:56	10/18/2015 18:35	SR
110-86-1	Pyridine	ND		mg/L	0.0391	0.0500	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 07:56	10/18/2015 18:35	SR
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	33.0 %			10-65						
4165-62-2	Surrogate: Phenol-d5	24.6 %			10-49						
4165-60-0	Surrogate: Nitrobenzene-d5	60.4 %			10-96						
321-60-8	Surrogate: 2-Fluorobiphenyl	56.8 %			10-93						
118-79-6	Surrogate: 2,4,6-Tribromophenol	80.0 %			10-128						
1718-51-0	Surrogate: Terphenyl-d14	65.6 %			10-100						

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.500	0.500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	10/19/2015 08:13	10/19/2015 21:15	AMC
11104-28-2	Aroclor 1221	ND		ug/L	0.500	0.500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	10/19/2015 08:13	10/19/2015 21:15	AMC
11141-16-5	Aroclor 1232	ND		ug/L	0.500	0.500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	10/19/2015 08:13	10/19/2015 21:15	AMC
53469-21-9	Aroclor 1242	ND		ug/L	0.500	0.500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	10/19/2015 08:13	10/19/2015 21:15	AMC
12672-29-6	Aroclor 1248	ND		ug/L	0.500	0.500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	10/19/2015 08:13	10/19/2015 21:15	AMC
11097-69-1	Aroclor 1254	ND		ug/L	0.500	0.500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	10/19/2015 08:13	10/19/2015 21:15	AMC
11096-82-5	Aroclor 1260	ND		ug/L	0.500	0.500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	10/19/2015 08:13	10/19/2015 21:15	AMC
1336-36-3	* Total PCBs	ND		ug/L	0.500	0.500	1	EPA 8082A Certifications:	10/19/2015 08:13	10/19/2015 21:15	AMC
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	36.8 %			30-120						



Sample Information

Client Sample ID: Liquid from 4B

York Sample ID: 15J0585-03

York Project (SDG) No.

15J0585

Client Project ID

15004

Matrix

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Date Received

10/14/2015

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	Surrogate: Decachlorobiphenyl	15.9 %	GC-Sur r		30-120						

Alcohols, C1-C3 Targets

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-56-1	* Methanol	ND		ug/L	1000	1000	1	EPA 8015D m Certifications:	10/16/2015 17:26	10/20/2015 10:46	RB

Glycols, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-21-1	* Ethylene Glycol	ND		ug/L	1000000	1000000	10	GC/FID Certifications:	10/15/2015 17:24	10/16/2015 09:06	RB

Total Petroleum Hydrocarbons-DRO (C10-C28)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Petroleum Hydrocarbons-DRO	422		mg/L	0.660	1.00	1	EPA 8015D Certifications: NELAC-NY10854,NJDEP	10/20/2015 08:17	10/20/2015 13:45	AMC
	Surrogate Recoveries	Result			Acceptance Range						
638-68-6	Surrogate: Triacantane	58.0 %			40-150						

Beryllium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	Beryllium	ND		ug/L	1.11	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 06:42	10/19/2015 21:26	ALD

Copper by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	ND		mg/L	0.00333	0.00333	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 06:42	10/19/2015 21:26	ALD

Copper, TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

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



Sample Information

Client Sample ID: Liquid from 4B

York Sample ID: 15J0585-03

York Project (SDG) No.
15J0585

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15004

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Copper, TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	0.0721		mg/L	0.0300	0.0300	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/20/2015 07:48	10/20/2015 09:58	ALD

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 06:42	10/19/2015 21:26	ALD
7440-39-3	Barium	ND		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 06:42	10/19/2015 21:26	ALD
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 06:42	10/19/2015 21:26	ALD
7440-47-3	Chromium	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 06:42	10/19/2015 21:26	ALD
7439-92-1	Lead	0.015		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 06:42	10/19/2015 21:26	ALD
7782-49-2	Selenium	ND		mg/L	0.011	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 06:42	10/19/2015 21:26	ALD
7440-22-4	Silver	ND		mg/L	0.006	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 06:42	10/19/2015 21:26	ALD

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.040	0.040	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/20/2015 07:48	10/20/2015 09:58	ALD
7440-39-3	Barium	0.132		mg/L	0.100	0.100	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/20/2015 07:48	10/20/2015 09:58	ALD
7440-43-9	Cadmium	ND		mg/L	0.030	0.030	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/20/2015 07:48	10/20/2015 09:58	ALD
7440-47-3	Chromium	ND		mg/L	0.050	0.050	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/20/2015 07:48	10/20/2015 09:58	ALD
7439-92-1	Lead	0.058		mg/L	0.030	0.030	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/20/2015 07:48	10/20/2015 09:58	ALD
7782-49-2	Selenium	ND		mg/L	0.100	0.100	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/20/2015 07:48	10/20/2015 09:58	ALD
7440-22-4	Silver	ND		mg/L	0.050	0.050	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/20/2015 07:48	10/20/2015 09:58	ALD

Nickel by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	ND		mg/L	0.00556	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 06:42	10/19/2015 21:26	ALD



Sample Information

Client Sample ID: Liquid from 4B

York Sample ID: 15J0585-03

York Project (SDG) No.
15J0585

Client Project ID
15004

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10/14/2015

Nickel, TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	ND		mg/L	0.0500	0.0500	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/20/2015 07:48	10/20/2015 09:58	ALD

Vanadium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-62-2	Vanadium	ND		ug/L	11.1	11.1	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 06:42	10/19/2015 21:26	ALD

Zinc by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	0.0183		mg/L	0.0111	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 06:42	10/19/2015 21:26	ALD

Zinc, TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	0.456		mg/L	0.100	0.100	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/20/2015 07:48	10/20/2015 09:58	ALD

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0200	0.0200	10	EPA 7470 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 12:49	10/19/2015 13:00	AA

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00003900	0.0002000	1	EPA 7470/1311 Certifications: NELAC-NY10854,NJDEP,CTDOH	10/16/2015 12:10	10/16/2015 13:00	AA

Ignitability

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Ignitability	Non-Ignit.		-	1	1	1	EPA 1030P Certifications:	10/20/2015 14:45	10/20/2015 15:13	AA



Sample Information

Client Sample ID: Liquid from 4B

York Sample ID: 15J0585-03

York Project (SDG) No.

15J0585

Client Project ID

15004

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Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND	HT-01	ug/L	10.0	10.0	1	EPA 7196A Certifications: NELAC-NY10854,CTDOH,NJDEP	10/16/2015 20:33	10/16/2015 20:34	CLS

Corrosivity

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	6.30	HT-pH	pH units		0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP	10/14/2015 19:57	10/16/2015 16:58	CLS

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		ug/L	10.0	10.0	1	SM 4500 CN C/E Certifications: NELAC-NY10854,CTDOH,NJDEP	10/20/2015 07:50	10/20/2015 14:19	AD

Reactivity-Cyanide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Cyanide	ND		mg/L	0.0250	0.0250	1	EPA SW-846 Ch.7.3.3 Certifications:	10/20/2015 08:14	10/20/2015 14:27	AD

Reactivity-Sulfide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Sulfide	ND		mg/L	15.0	15.0	1	EPA SW-846 Ch.7.3.4 Certifications:	10/20/2015 08:15	10/20/2015 14:28	AD

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/14/2015 18:30	10/16/2015 16:57	CLS

TCLP Extraction for SVOCS/PEST/HERB

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/14/2015 18:53	10/16/2015 16:58	CLS

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes: EXT-Temp



Sample Information

Client Sample ID: Liquid from 4B

York Sample ID: 15J0585-03

York Project (SDG) No.

15J0585

Client Project ID

15004

Matrix

Water

Collection Date/Time

October 14, 2015 2:30 pm

Date Received

10/14/2015

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		%	1.00	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/14/2015 18:56	10/16/2015 16:58	CLS

Sample Information

Client Sample ID: Liquid from 5A

York Sample ID: 15J0585-04

York Project (SDG) No.

15J0585

Client Project ID

15004

Matrix

Solid

Collection Date/Time

October 14, 2015 2:40 pm

Date Received

10/14/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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/kg dry	410000	820000	25000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/20/2015 16:39	10/21/2015 04:49	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	410000	820000	25000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/20/2015 16:39	10/21/2015 04:49	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	410000	820000	25000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/20/2015 16:39	10/21/2015 04:49	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	410000	820000	25000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/20/2015 16:39	10/21/2015 04:49	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	410000	820000	25000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/20/2015 16:39	10/21/2015 04:49	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	410000	820000	25000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/20/2015 16:39	10/21/2015 04:49	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	410000	820000	25000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/20/2015 16:39	10/21/2015 04:49	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	410000	820000	25000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/20/2015 16:39	10/21/2015 04:49	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	410000	820000	25000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/20/2015 16:39	10/21/2015 04:49	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	410000	820000	25000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/20/2015 16:39	10/21/2015 04:49	BK
95-63-6	1,2,4-Trimethylbenzene	25000000		ug/kg dry	410000	820000	25000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/20/2015 16:39	10/21/2015 04:49	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	410000	820000	25000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/20/2015 16:39	10/21/2015 04:49	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	410000	820000	25000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/20/2015 16:39	10/21/2015 04:49	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	410000	820000	25000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/20/2015 16:39	10/21/2015 04:49	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	410000	820000	25000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/20/2015 16:39	10/21/2015 04:49	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	410000	820000	25000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/20/2015 16:39	10/21/2015 04:49	BK



Sample Information

Client Sample ID: Liquid from 5A

York Sample ID: 15J0585-04

York Project (SDG) No.

15J0585

Client Project ID

15004

Matrix

Solid

Collection Date/Time

October 14, 2015 2:40 pm

Date Received

10/14/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	9700000		ug/kg dry	410000	820000	25000	EPA 8260C Certifications:	10/20/2015 16:39 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 04:49	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	410000	820000	25000	EPA 8260C Certifications:	10/20/2015 16:39 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 04:49	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	410000	820000	25000	EPA 8260C Certifications:	10/20/2015 16:39 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 04:49	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	8200000	16000000	25000	EPA 8260C Certifications:	10/20/2015 16:39 NELAC-NY10854,NJDEP	10/21/2015 04:49	BK
78-93-3	2-Butanone	ND		ug/kg dry	410000	820000	25000	EPA 8260C Certifications:	10/20/2015 16:39 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 04:49	BK
591-78-6	2-Hexanone	ND		ug/kg dry	410000	820000	25000	EPA 8260C Certifications:	10/20/2015 16:39 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 04:49	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	410000	820000	25000	EPA 8260C Certifications:	10/20/2015 16:39 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 04:49	BK
67-64-1	Acetone	ND		ug/kg dry	820000	1600000	25000	EPA 8260C Certifications:	10/20/2015 16:39 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 04:49	BK
107-02-8	Acrolein	ND		ug/kg dry	820000	1600000	25000	EPA 8260C Certifications:	10/20/2015 16:39 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 04:49	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	410000	820000	25000	EPA 8260C Certifications:	10/20/2015 16:39 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 04:49	BK
71-43-2	Benzene	ND		ug/kg dry	410000	820000	25000	EPA 8260C Certifications:	10/20/2015 16:39 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 04:49	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	410000	820000	25000	EPA 8260C Certifications:	10/20/2015 16:39 NELAC-NY10854,NJDEP	10/21/2015 04:49	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	410000	820000	25000	EPA 8260C Certifications:	10/20/2015 16:39 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 04:49	BK
75-25-2	Bromoform	ND		ug/kg dry	410000	820000	25000	EPA 8260C Certifications:	10/20/2015 16:39 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 04:49	BK
74-83-9	Bromomethane	ND		ug/kg dry	410000	820000	25000	EPA 8260C Certifications:	10/20/2015 16:39 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 04:49	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	410000	820000	25000	EPA 8260C Certifications:	10/20/2015 16:39 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 04:49	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	410000	820000	25000	EPA 8260C Certifications:	10/20/2015 16:39 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 04:49	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	410000	820000	25000	EPA 8260C Certifications:	10/20/2015 16:39 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 04:49	BK
75-00-3	Chloroethane	ND		ug/kg dry	410000	820000	25000	EPA 8260C Certifications:	10/20/2015 16:39 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 04:49	BK
67-66-3	Chloroform	ND		ug/kg dry	410000	820000	25000	EPA 8260C Certifications:	10/20/2015 16:39 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 04:49	BK
74-87-3	Chloromethane	ND		ug/kg dry	410000	820000	25000	EPA 8260C Certifications:	10/20/2015 16:39 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 04:49	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	410000	820000	25000	EPA 8260C Certifications:	10/20/2015 16:39 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 04:49	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	410000	820000	25000	EPA 8260C Certifications:	10/20/2015 16:39 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 04:49	BK
110-82-7	Cyclohexane	ND		ug/kg dry	410000	820000	25000	EPA 8260C Certifications:	10/20/2015 16:39 NELAC-NY10854,NJDEP	10/21/2015 04:49	BK



Sample Information

Client Sample ID: Liquid from 5A

York Sample ID: 15J0585-04

York Project (SDG) No.
15J0585

Client Project ID
15004

Matrix
Solid

Collection Date/Time
October 14, 2015 2:40 pm

Date Received
10/14/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		ug/kg dry	410000	820000	25000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	10/20/2015 16:39	10/21/2015 04:49	BK
74-95-3	Dibromomethane	ND		ug/kg dry	410000	820000	25000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/20/2015 16:39	10/21/2015 04:49	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	410000	820000	25000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/20/2015 16:39	10/21/2015 04:49	BK
100-41-4	Ethyl Benzene	3100000		ug/kg dry	410000	820000	25000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/20/2015 16:39	10/21/2015 04:49	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	410000	820000	25000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/20/2015 16:39	10/21/2015 04:49	BK
98-82-8	Isopropylbenzene	840000		ug/kg dry	410000	820000	25000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/20/2015 16:39	10/21/2015 04:49	BK
79-20-9	Methyl acetate	ND		ug/kg dry	410000	820000	25000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/20/2015 16:39	10/21/2015 04:49	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	410000	820000	25000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/20/2015 16:39	10/21/2015 04:49	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	410000	820000	25000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/20/2015 16:39	10/21/2015 04:49	BK
75-09-2	Methylene chloride	ND		ug/kg dry	820000	1600000	25000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/20/2015 16:39	10/21/2015 04:49	BK
104-51-8	n-Butylbenzene	3700000		ug/kg dry	410000	820000	25000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/20/2015 16:39	10/21/2015 04:49	BK
103-65-1	n-Propylbenzene	2800000		ug/kg dry	410000	820000	25000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/20/2015 16:39	10/21/2015 04:49	BK
95-47-6	o-Xylene	2400000		ug/kg dry	410000	820000	25000	EPA 8260C Certifications: CTDOH,NELAC-NY10854	10/20/2015 16:39	10/21/2015 04:49	BK
179601-23-1	p- & m- Xylenes	11000000		ug/kg dry	820000	1600000	25000	EPA 8260C Certifications: CTDOH,NELAC-NY10854	10/20/2015 16:39	10/21/2015 04:49	BK
99-87-6	p-Isopropyltoluene	2500000		ug/kg dry	410000	820000	25000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/20/2015 16:39	10/21/2015 04:49	BK
135-98-8	sec-Butylbenzene	1800000		ug/kg dry	410000	820000	25000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/20/2015 16:39	10/21/2015 04:49	BK
100-42-5	Styrene	ND		ug/kg dry	410000	820000	25000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/20/2015 16:39	10/21/2015 04:49	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	410000	820000	25000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/20/2015 16:39	10/21/2015 04:49	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	410000	820000	25000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/20/2015 16:39	10/21/2015 04:49	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	410000	820000	25000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/20/2015 16:39	10/21/2015 04:49	BK
108-88-3	Toluene	ND		ug/kg dry	410000	820000	25000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/20/2015 16:39	10/21/2015 04:49	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	410000	820000	25000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/20/2015 16:39	10/21/2015 04:49	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	410000	820000	25000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/20/2015 16:39	10/21/2015 04:49	BK



Sample Information

Client Sample ID: Liquid from 5A

York Sample ID: 15J0585-04

York Project (SDG) No.
15J0585

Client Project ID
15004

Matrix
Solid

Collection Date/Time
October 14, 2015 2:40 pm

Date Received
10/14/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/kg dry	410000	820000	25000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/20/2015 16:39	10/21/2015 04:49	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	410000	820000	25000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/20/2015 16:39	10/21/2015 04:49	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	410000	820000	25000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/20/2015 16:39	10/21/2015 04:49	BK
1330-20-7	Xylenes, Total	13000000		ug/kg dry	1200000	2500000	25000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/20/2015 16:39	10/21/2015 04:49	BK
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	105 %		77-125							
2037-26-5	Surrogate: Toluene-d8	94.6 %		85-120							
460-00-4	Surrogate: p-Bromofluorobenzene	105 %		76-130							

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		mg/L	0.062	0.12	25	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:35	10/17/2015 06:43	BK
107-06-2	1,2-Dichloroethane	ND		mg/L	0.062	0.12	25	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:35	10/17/2015 06:43	BK
106-46-7	1,4-Dichlorobenzene	ND		mg/L	0.062	0.12	25	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:35	10/17/2015 06:43	BK
78-93-3	2-Butanone	0.24		mg/L	0.062	0.12	25	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:35	10/17/2015 06:43	BK
71-43-2	Benzene	ND		mg/L	0.062	0.12	25	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:35	10/17/2015 06:43	BK
56-23-5	Carbon tetrachloride	ND		mg/L	0.062	0.12	25	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:35	10/17/2015 06:43	BK
108-90-7	Chlorobenzene	ND		mg/L	0.062	0.12	25	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:35	10/17/2015 06:43	BK
67-66-3	Chloroform	ND		mg/L	0.062	0.12	25	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:35	10/17/2015 06:43	BK
127-18-4	Tetrachloroethylene	ND		mg/L	0.062	0.12	25	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:35	10/17/2015 06:43	BK
79-01-6	Trichloroethylene	ND		mg/L	0.062	0.12	25	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:35	10/17/2015 06:43	BK
75-01-4	Vinyl Chloride	ND		mg/L	0.062	0.12	25	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:35	10/17/2015 06:43	BK
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	104 %		65-135							
460-00-4	Surrogate: p-Bromofluorobenzene	103 %		81-114							
2037-26-5	Surrogate: Toluene-d8	95.3 %		86-118							



Sample Information

Client Sample ID: Liquid from 5A

York Sample ID: 15J0585-04

York Project (SDG) No.

15J0585

Client Project ID

15004

Matrix

Solid

Collection Date/Time

October 14, 2015 2:40 pm

Date Received

10/14/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	16500	32800	100	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/19/2015 07:03	10/19/2015 17:51	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	32800	65600	100	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/19/2015 07:03	10/19/2015 17:51	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	16500	32800	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 17:51	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	16500	32800	100	EPA 8270D Certifications: NELAC-NY10854	10/19/2015 07:03	10/19/2015 17:51	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	16500	32800	100	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/19/2015 07:03	10/19/2015 17:51	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	16500	32800	100	EPA 8270D Certifications: NELAC-NY10854	10/19/2015 07:03	10/19/2015 17:51	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	16500	32800	100	EPA 8270D Certifications: NELAC-NY10854	10/19/2015 07:03	10/19/2015 17:51	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	32800	65600	100	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/19/2015 07:03	10/19/2015 17:51	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	16500	32800	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 07:03	10/19/2015 17:51	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	16500	32800	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 17:51	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	16500	32800	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 17:51	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	16500	32800	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 17:51	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	32800	65600	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 17:51	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	16500	32800	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 17:51	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	16500	32800	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 17:51	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	16500	32800	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 17:51	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	16500	32800	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 17:51	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	16500	32800	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 07:03	10/19/2015 17:51	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	16500	32800	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 17:51	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	32800	65600	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 17:51	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	16500	32800	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 17:51	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	16500	32800	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 07:03	10/19/2015 17:51	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	16500	32800	100	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 17:51	SR



Sample Information

Client Sample ID: Liquid from 5A

York Sample ID: 15J0585-04

York Project (SDG) No.
15J0585

Client Project ID
15004

Matrix
Solid

Collection Date/Time
October 14, 2015 2:40 pm

Date Received
10/14/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		ug/kg dry	32800	65600	100	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 17:51	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	32800	65600	100	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP	10/19/2015 17:51	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	16500	32800	100	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 17:51	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	16500	32800	100	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 17:51	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	16500	32800	100	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 17:51	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	16500	32800	100	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 17:51	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	32800	65600	100	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 17:51	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	32800	65600	100	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 17:51	SR
83-32-9	Acenaphthene	ND		ug/kg dry	16500	32800	100	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 17:51	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	16500	32800	100	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 17:51	SR
98-86-2	Acetophenone	ND		ug/kg dry	16500	32800	100	EPA 8270D Certifications:	10/19/2015 07:03 NELAC-NY10854,NJDEP	10/19/2015 17:51	SR
62-53-3	Aniline	ND		ug/kg dry	65700	131000	100	EPA 8270D Certifications:	10/19/2015 07:03 NELAC-NY10854,NJDEP,PADEP	10/19/2015 17:51	SR
120-12-7	Anthracene	ND		ug/kg dry	16500	32800	100	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 17:51	SR
1912-24-9	Atrazine	ND		ug/kg dry	16500	32800	100	EPA 8270D Certifications:	10/19/2015 07:03 NELAC-NY10854,NJDEP	10/19/2015 17:51	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	16500	32800	100	EPA 8270D Certifications:	10/19/2015 07:03 NELAC-NY10854,NJDEP	10/19/2015 17:51	SR
92-87-5	Benzidine	ND		ug/kg dry	65700	131000	100	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854	10/19/2015 17:51	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	16500	32800	100	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 17:51	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	16500	32800	100	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 17:51	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	16500	32800	100	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 17:51	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	16500	32800	100	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 17:51	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	16500	32800	100	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 17:51	SR
65-85-0	Benzoic acid	ND		ug/kg dry	16500	32800	100	EPA 8270D Certifications:	10/19/2015 07:03 NELAC-NY10854,NJDEP	10/19/2015 17:51	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	16500	32800	100	EPA 8270D Certifications:	10/19/2015 07:03 NELAC-NY10854,NJDEP,PADEP	10/19/2015 17:51	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	16500	32800	100	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 17:51	SR



Sample Information

Client Sample ID: Liquid from 5A

York Sample ID: 15J0585-04

York Project (SDG) No.
15J0585

Client Project ID
15004

Matrix
Solid

Collection Date/Time
October 14, 2015 2:40 pm

Date Received
10/14/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	16500	32800	100	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 17:51	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	16500	32800	100	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 17:51	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	16500	32800	100	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 17:51	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	16500	32800	100	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 17:51	SR
105-60-2	Caprolactam	ND		ug/kg dry	32800	65600	100	EPA 8270D Certifications:	10/19/2015 07:03 NELAC-NY10854,NJDEP	10/19/2015 17:51	SR
86-74-8	Carbazole	ND		ug/kg dry	16500	32800	100	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 17:51	SR
218-01-9	Chrysene	ND		ug/kg dry	16500	32800	100	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 17:51	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	16500	32800	100	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 17:51	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	16500	32800	100	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP	10/19/2015 17:51	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	16500	32800	100	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 17:51	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	16500	32800	100	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 17:51	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	16500	32800	100	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 17:51	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	16500	32800	100	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 17:51	SR
206-44-0	Fluoranthene	ND		ug/kg dry	16500	32800	100	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 17:51	SR
86-73-7	Fluorene	ND		ug/kg dry	16500	32800	100	EPA 8270D Certifications:	10/19/2015 07:03 NELAC-NY10854,NJDEP,PADEP	10/19/2015 17:51	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	16500	32800	100	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 17:51	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	16500	32800	100	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 17:51	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	16500	32800	100	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 17:51	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	16500	32800	100	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 17:51	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	16500	32800	100	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 17:51	SR
78-59-1	Isophorone	ND		ug/kg dry	16500	32800	100	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 17:51	SR
91-20-3	Naphthalene	49600		ug/kg dry	16500	32800	100	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP	10/19/2015 17:51	SR
98-95-3	Nitrobenzene	83700		ug/kg dry	16500	32800	100	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 17:51	SR



Sample Information

Client Sample ID: Liquid from 5A

York Sample ID: 15J0585-04

York Project (SDG) No.

15J0585

Client Project ID

15004

Matrix

Solid

Collection Date/Time

October 14, 2015 2:40 pm

Date Received

10/14/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	16500	32800	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 07:03	10/19/2015 17:51	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	16500	32800	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 17:51	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	16500	32800	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 07:03	10/19/2015 17:51	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	16500	32800	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 17:51	SR
85-01-8	Phenanthrene	ND		ug/kg dry	16500	32800	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 17:51	SR
108-95-2	Phenol	ND		ug/kg dry	16500	32800	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 17:51	SR
129-00-0	Pyrene	ND		ug/kg dry	16500	32800	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 17:51	SR
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: 2-Fluorophenol	%	S-01		10-95						
4165-62-2	Surrogate: Phenol-d5	%	S-01		10-107						
4165-60-0	Surrogate: Nitrobenzene-d5	81.7 %	S-01		10-95						
321-60-8	Surrogate: 2-Fluorobiphenyl	%	S-01		10-97						
118-79-6	Surrogate: 2,4,6-Tribromophenol	%	S-01		10-103						
1718-51-0	Surrogate: Terphenyl-d14	13.9 %	S-01		19-99						

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		mg/L	0.0221	0.0500	1	EPA 8270D/1311 Certifications: NELAC-NY10854	10/16/2015 07:56	10/18/2015 19:08	SR
95-95-4	2,4,5-Trichlorophenol	ND		mg/L	0.0191	0.0500	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 07:56	10/18/2015 19:08	SR
88-06-2	2,4,6-Trichlorophenol	ND		mg/L	0.0175	0.0500	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 07:56	10/18/2015 19:08	SR
121-14-2	2,4-Dinitrotoluene	ND		mg/L	0.0161	0.0500	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 07:56	10/18/2015 19:08	SR
95-48-7	2-Methylphenol	ND		mg/L	0.0116	0.0500	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 07:56	10/18/2015 19:08	SR
65794-96-9	3- & 4-Methylphenols	ND		mg/L	0.0112	0.100	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 07:56	10/18/2015 19:08	SR
1319-77-3	Cresols, total	ND		mg/L	0.0116	0.150	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854	10/16/2015 07:56	10/18/2015 19:08	SR
118-74-1	Hexachlorobenzene	ND		mg/L	0.0127	0.0500	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 07:56	10/18/2015 19:08	SR
87-68-3	Hexachlorobutadiene	ND		mg/L	0.0279	0.0500	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 07:56	10/18/2015 19:08	SR
67-72-1	Hexachloroethane	ND		mg/L	0.0304	0.0500	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 07:56	10/18/2015 19:08	SR



Sample Information

Client Sample ID: Liquid from 5A

York Sample ID: 15J0585-04

York Project (SDG) No.
15J0585

Client Project ID
15004

Matrix
Solid

Collection Date/Time
October 14, 2015 2:40 pm

Date Received
10/14/2015

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		mg/L	0.0169	0.0500	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 07:56	10/18/2015 19:08	SR
87-86-5	Pentachlorophenol	ND		mg/L	0.0145	0.0500	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 07:56	10/18/2015 19:08	SR
110-86-1	Pyridine	ND		mg/L	0.0391	0.0500	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 07:56	10/18/2015 19:08	SR
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: 2-Fluorophenol	32.3 %		10-65							
4165-62-2	Surrogate: Phenol-d5	26.2 %		10-49							
4165-60-0	Surrogate: Nitrobenzene-d5	64.7 %		10-96							
321-60-8	Surrogate: 2-Fluorobiphenyl	61.1 %		10-93							
118-79-6	Surrogate: 2,4,6-Tribromophenol	90.5 %		10-128							
1718-51-0	Surrogate: Terphenyl-d14	72.1 %		10-100							

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.131	0.131	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/19/2015 07:01	10/19/2015 15:28	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.131	0.131	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/19/2015 07:01	10/19/2015 15:28	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.131	0.131	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/19/2015 07:01	10/19/2015 15:28	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.131	0.131	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/19/2015 07:01	10/19/2015 15:28	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.131	0.131	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/19/2015 07:01	10/19/2015 15:28	AMC
11097-69-1	Aroclor 1254	1.09		mg/kg dry	0.131	0.131	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/19/2015 07:01	10/19/2015 15:28	AMC
11096-82-5	Aroclor 1260	0.764		mg/kg dry	0.131	0.131	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/19/2015 07:01	10/19/2015 15:28	AMC
1336-36-3	* Total PCBs	1.85		mg/kg dry	0.131	0.131	1	EPA 8082A Certifications:	10/19/2015 07:01	10/19/2015 15:28	AMC
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	65.7 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	63.8 %		30-140							

Alcohols, C1-C3 Targets

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

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



Sample Information

Client Sample ID: Liquid from 5A

York Sample ID: 15J0585-04

York Project (SDG) No.
15J0585

Client Project ID
15004

Matrix
Solid

Collection Date/Time
October 14, 2015 2:40 pm

Date Received
10/14/2015

Alcohols, C1-C3 Targets

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-56-1	* Methanol	117		mg/kg dry	2.62	2.62	1	EPA 8015D m Certifications:	10/16/2015 17:25	10/20/2015 11:20	RB

Glycols, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-21-1	* Ethylene Glycol	346		mg/kg dry	328	328	1	GC/FID Certifications:	10/15/2015 17:22	10/16/2015 09:27	RB

Beryllium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	Beryllium	ND		mg/kg dry	1.31	1.31	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 15:24	10/19/2015 17:43	ALD

Copper by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	ND		mg/kg dry	6.56	6.56	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 15:24	10/19/2015 17:43	ALD

Copper, TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	0.0570		mg/L	0.0300	0.0300	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/15/2015 14:43	10/16/2015 04:46	ALD

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/kg dry	13.1	13.1	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 15:24	10/19/2015 17:43	ALD
7440-39-3	Barium	ND		mg/kg dry	13.1	13.1	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 15:24	10/19/2015 17:43	ALD
7440-43-9	Cadmium	ND		mg/kg dry	3.94	3.94	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 15:24	10/19/2015 17:43	ALD
7440-47-3	Chromium	ND		mg/kg dry	6.56	6.56	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 15:24	10/19/2015 17:43	ALD
7439-92-1	Lead	2520		mg/kg dry	3.94	3.94	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 15:24	10/19/2015 17:43	ALD



Sample Information

Client Sample ID: Liquid from 5A

York Sample ID: 15J0585-04

York Project (SDG) No.
15J0585

Client Project ID
15004

Matrix
Solid

Collection Date/Time
October 14, 2015 2:40 pm

Date Received
10/14/2015

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7782-49-2	Selenium	ND		mg/kg dry	13.1	13.1	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 15:24	10/19/2015 17:43	ALD
7440-22-4	Silver	ND		mg/kg dry	6.56	6.56	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 15:24	10/19/2015 17:43	ALD

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.040	0.040	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/15/2015 14:43	10/16/2015 04:46	ALD
7440-39-3	Barium	0.626		mg/L	0.100	0.100	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/15/2015 14:43	10/16/2015 04:46	ALD
7440-43-9	Cadmium	ND		mg/L	0.030	0.030	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/15/2015 14:43	10/16/2015 04:46	ALD
7440-47-3	Chromium	ND		mg/L	0.050	0.050	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/15/2015 14:43	10/16/2015 04:46	ALD
7439-92-1	Lead	ND		mg/L	0.030	0.030	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/15/2015 14:43	10/16/2015 04:46	ALD
7782-49-2	Selenium	ND	M-SeT C	mg/L	0.100	0.100	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/15/2015 14:43	10/16/2015 04:46	ALD
7440-22-4	Silver	ND		mg/L	0.050	0.050	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/15/2015 14:43	10/16/2015 04:46	ALD

Nickel by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	ND		mg/kg dry	6.56	6.56	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 15:24	10/19/2015 17:43	ALD

Nickel, TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	ND		mg/L	0.0500	0.0500	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/15/2015 14:43	10/16/2015 04:46	ALD

Vanadium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-62-2	Vanadium	ND		mg/kg dry	13.1	13.1	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 15:24	10/19/2015 17:43	ALD

Zinc by EPA 6010

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: Liquid from 5A

York Sample ID: 15J0585-04

York Project (SDG) No.

15J0585

Client Project ID

15004

Matrix

Solid

Collection Date/Time

October 14, 2015 2:40 pm

Date Received

10/14/2015

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	115		mg/kg dry	13.1	13.1	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 15:24	10/19/2015 17:43	ALD

Zinc, TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	1.08		mg/L	0.100	0.100	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/15/2015 14:43	10/16/2015 04:46	ALD

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0433	0.0433	1	EPA 7471B Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	10/16/2015 16:32	10/16/2015 17:00	AA

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311 Certifications: CTDOH,NJDEP,PADEP,NELAC-NY10854	10/16/2015 12:12	10/16/2015 13:00	AA

Ignitability

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Ignitability	Non-Ignit.		-	1	1	1	EPA 1030P Certifications: CTDOH,PADEP	10/20/2015 12:41	10/20/2015 15:12	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	76.2		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	10/15/2015 16:12	10/16/2015 17:00	CLS

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.459	0.656	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854	10/19/2015 07:44	10/20/2015 12:55	SC

Corrosivity

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: Liquid from 5A

York Sample ID: 15J0585-04

York Project (SDG) No.
15J0585

Client Project ID
15004

Matrix
Solid

Collection Date/Time
October 14, 2015 2:40 pm

Date Received
10/14/2015

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	4.73	HT-pH	pH units		0.500	1	EPA 9045D	10/14/2015 19:57	10/16/2015 16:58	CLS
Certifications: NELAC-NY10854,CTDOH,PADEP											

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	1.31	1.31	1	EPA 9014/9010C	10/19/2015 08:22	10/19/2015 15:52	AD
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Reactivity-Cyanide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Cyanide	ND		mg/kg	0.250	0.250	1	EPA SW-846 Ch.7.3.3	10/20/2015 08:11	10/20/2015 14:27	AD
Certifications: CTDOH,PADEP											

Reactivity-Sulfide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Sulfide	ND		mg/kg	15.0	15.0	1	EPA SW-846 Ch.7.3.4	10/20/2015 08:13	10/20/2015 14:27	AD
Certifications: CTDOH,PADEP											

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	10/14/2015 18:30	10/16/2015 16:57	CLS
Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP											

TCLP Extraction for SVOCs/PEST/HERB

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	10/14/2015 18:53	10/16/2015 16:58	CLS
Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP											

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		%	1.00	1.00	1	EPA 1311	10/14/2015 18:56	10/16/2015 16:58	CLS
Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP											



Sample Information

Client Sample ID: Liquid from 5B

York Sample ID: 15J0585-05

York Project (SDG) No.

15J0585

Client Project ID

15004

Matrix

Liquid

Collection Date/Time

October 14, 2015 2:50 pm

Date Received

10/14/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg wet	62000	120000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/20/2015 16:42	10/21/2015 07:20	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg wet	62000	120000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/20/2015 16:42	10/21/2015 07:20	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg wet	62000	120000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/20/2015 16:42	10/21/2015 07:20	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg wet	62000	120000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/20/2015 16:42	10/21/2015 07:20	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg wet	62000	120000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/20/2015 16:42	10/21/2015 07:20	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg wet	62000	120000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/20/2015 16:42	10/21/2015 07:20	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg wet	62000	120000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/20/2015 16:42	10/21/2015 07:20	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg wet	62000	120000	5000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/20/2015 16:42	10/21/2015 07:20	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg wet	62000	120000	5000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/20/2015 16:42	10/21/2015 07:20	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg wet	62000	120000	5000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/20/2015 16:42	10/21/2015 07:20	SS
95-63-6	1,2,4-Trimethylbenzene	130000		ug/kg wet	62000	120000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/20/2015 16:42	10/21/2015 07:20	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg wet	62000	120000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/20/2015 16:42	10/21/2015 07:20	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg wet	62000	120000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/20/2015 16:42	10/21/2015 07:20	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg wet	62000	120000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/20/2015 16:42	10/21/2015 07:20	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg wet	62000	120000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/20/2015 16:42	10/21/2015 07:20	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg wet	62000	120000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/20/2015 16:42	10/21/2015 07:20	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg wet	62000	120000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/20/2015 16:42	10/21/2015 07:20	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg wet	62000	120000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/20/2015 16:42	10/21/2015 07:20	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg wet	62000	120000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/20/2015 16:42	10/21/2015 07:20	SS
123-91-1	1,4-Dioxane	ND		ug/kg wet	1200000	2500000	5000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/20/2015 16:42	10/21/2015 07:20	SS
78-93-3	2-Butanone	ND		ug/kg wet	62000	120000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/20/2015 16:42	10/21/2015 07:20	SS
591-78-6	2-Hexanone	ND		ug/kg wet	62000	120000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/20/2015 16:42	10/21/2015 07:20	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg wet	62000	120000	5000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/20/2015 16:42	10/21/2015 07:20	SS



Sample Information

Client Sample ID: Liquid from 5B

York Sample ID: 15J0585-05

York Project (SDG) No.

15J0585

Client Project ID

15004

Matrix

Liquid

Collection Date/Time

October 14, 2015 2:50 pm

Date Received

10/14/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		ug/kg wet	120000	250000	5000	EPA 8260C Certifications:	10/20/2015 16:42 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 07:20	SS
107-02-8	Acrolein	ND		ug/kg wet	120000	250000	5000	EPA 8260C Certifications:	10/20/2015 16:42 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 07:20	SS
107-13-1	Acrylonitrile	ND		ug/kg wet	62000	120000	5000	EPA 8260C Certifications:	10/20/2015 16:42 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 07:20	SS
71-43-2	Benzene	ND		ug/kg wet	62000	120000	5000	EPA 8260C Certifications:	10/20/2015 16:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 07:20	SS
74-97-5	Bromochloromethane	ND		ug/kg wet	62000	120000	5000	EPA 8260C Certifications:	10/20/2015 16:42 NELAC-NY10854,NJDEP	10/21/2015 07:20	SS
75-27-4	Bromodichloromethane	ND		ug/kg wet	62000	120000	5000	EPA 8260C Certifications:	10/20/2015 16:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 07:20	SS
75-25-2	Bromoform	ND		ug/kg wet	62000	120000	5000	EPA 8260C Certifications:	10/20/2015 16:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 07:20	SS
74-83-9	Bromomethane	ND		ug/kg wet	62000	120000	5000	EPA 8260C Certifications:	10/20/2015 16:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 07:20	SS
75-15-0	Carbon disulfide	ND		ug/kg wet	62000	120000	5000	EPA 8260C Certifications:	10/20/2015 16:42 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 07:20	SS
56-23-5	Carbon tetrachloride	ND		ug/kg wet	62000	120000	5000	EPA 8260C Certifications:	10/20/2015 16:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 07:20	SS
108-90-7	Chlorobenzene	ND		ug/kg wet	62000	120000	5000	EPA 8260C Certifications:	10/20/2015 16:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 07:20	SS
75-00-3	Chloroethane	ND		ug/kg wet	62000	120000	5000	EPA 8260C Certifications:	10/20/2015 16:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 07:20	SS
67-66-3	Chloroform	ND		ug/kg wet	62000	120000	5000	EPA 8260C Certifications:	10/20/2015 16:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 07:20	SS
74-87-3	Chloromethane	ND		ug/kg wet	62000	120000	5000	EPA 8260C Certifications:	10/20/2015 16:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 07:20	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg wet	62000	120000	5000	EPA 8260C Certifications:	10/20/2015 16:42 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 07:20	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg wet	62000	120000	5000	EPA 8260C Certifications:	10/20/2015 16:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 07:20	SS
110-82-7	Cyclohexane	ND		ug/kg wet	62000	120000	5000	EPA 8260C Certifications:	10/20/2015 16:42 NELAC-NY10854,NJDEP	10/21/2015 07:20	SS
124-48-1	Dibromochloromethane	ND		ug/kg wet	62000	120000	5000	EPA 8260C Certifications:	10/20/2015 16:42 NELAC-NY10854,NJDEP,PADEP	10/21/2015 07:20	SS
74-95-3	Dibromomethane	ND		ug/kg wet	62000	120000	5000	EPA 8260C Certifications:	10/20/2015 16:42 NELAC-NY10854,NJDEP	10/21/2015 07:20	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg wet	62000	120000	5000	EPA 8260C Certifications:	10/20/2015 16:42 NELAC-NY10854,NJDEP	10/21/2015 07:20	SS
100-41-4	Ethyl Benzene	ND		ug/kg wet	62000	120000	5000	EPA 8260C Certifications:	10/20/2015 16:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 07:20	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg wet	62000	120000	5000	EPA 8260C Certifications:	10/20/2015 16:42 NELAC-NY10854,NJDEP	10/21/2015 07:20	SS
98-82-8	Isopropylbenzene	ND		ug/kg wet	62000	120000	5000	EPA 8260C Certifications:	10/20/2015 16:42 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 07:20	SS
79-20-9	Methyl acetate	ND		ug/kg wet	62000	120000	5000	EPA 8260C Certifications:	10/20/2015 16:42 NELAC-NY10854,NJDEP	10/21/2015 07:20	SS



Sample Information

Client Sample ID: Liquid from 5B

York Sample ID: 15J0585-05

York Project (SDG) No.

15J0585

Client Project ID

15004

Matrix

Liquid

Collection Date/Time

October 14, 2015 2:50 pm

Date Received

10/14/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg wet	62000	120000	5000	EPA 8260C Certifications:	10/20/2015 16:42 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 07:20	SS
108-87-2	Methylcyclohexane	ND		ug/kg wet	62000	120000	5000	EPA 8260C Certifications:	10/20/2015 16:42 NELAC-NY10854,NJDEP	10/21/2015 07:20	SS
75-09-2	Methylene chloride	ND		ug/kg wet	120000	250000	5000	EPA 8260C Certifications:	10/20/2015 16:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 07:20	SS
104-51-8	n-Butylbenzene	ND		ug/kg wet	62000	120000	5000	EPA 8260C Certifications:	10/20/2015 16:42 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 07:20	SS
103-65-1	n-Propylbenzene	ND		ug/kg wet	62000	120000	5000	EPA 8260C Certifications:	10/20/2015 16:42 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 07:20	SS
95-47-6	o-Xylene	ND		ug/kg wet	62000	120000	5000	EPA 8260C Certifications:	10/20/2015 16:42 CTDOH,NELAC-NY10854	10/21/2015 07:20	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg wet	120000	250000	5000	EPA 8260C Certifications:	10/20/2015 16:42 CTDOH,NELAC-NY10854	10/21/2015 07:20	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg wet	62000	120000	5000	EPA 8260C Certifications:	10/20/2015 16:42 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 07:20	SS
135-98-8	sec-Butylbenzene	ND		ug/kg wet	62000	120000	5000	EPA 8260C Certifications:	10/20/2015 16:42 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 07:20	SS
100-42-5	Styrene	ND		ug/kg wet	62000	120000	5000	EPA 8260C Certifications:	10/20/2015 16:42 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 07:20	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg wet	62000	120000	5000	EPA 8260C Certifications:	10/20/2015 16:42 NELAC-NY10854,NJDEP	10/21/2015 07:20	SS
98-06-6	tert-Butylbenzene	ND		ug/kg wet	62000	120000	5000	EPA 8260C Certifications:	10/20/2015 16:42 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 07:20	SS
127-18-4	Tetrachloroethylene	ND		ug/kg wet	62000	120000	5000	EPA 8260C Certifications:	10/20/2015 16:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 07:20	SS
108-88-3	Toluene	ND		ug/kg wet	62000	120000	5000	EPA 8260C Certifications:	10/20/2015 16:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 07:20	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg wet	62000	120000	5000	EPA 8260C Certifications:	10/20/2015 16:42 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 07:20	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg wet	62000	120000	5000	EPA 8260C Certifications:	10/20/2015 16:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 07:20	SS
79-01-6	Trichloroethylene	ND		ug/kg wet	62000	120000	5000	EPA 8260C Certifications:	10/20/2015 16:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 07:20	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg wet	62000	120000	5000	EPA 8260C Certifications:	10/20/2015 16:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 07:20	SS
75-01-4	Vinyl Chloride	ND		ug/kg wet	62000	120000	5000	EPA 8260C Certifications:	10/20/2015 16:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 07:20	SS
1330-20-7	Xylenes, Total	ND		ug/kg wet	190000	380000	5000	EPA 8260C Certifications:	10/20/2015 16:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 07:20	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	118 %	77-125								
2037-26-5	Surrogate: Toluene-d8	88.5 %	85-120								
460-00-4	Surrogate: p-Bromofluorobenzene	112 %	76-130								

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: Liquid from 5B

York Sample ID: 15J0585-05

York Project (SDG) No.

15J0585

Client Project ID

15004

Matrix

Liquid

Collection Date/Time

October 14, 2015 2:50 pm

Date Received

10/14/2015

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		mg/L	0.062	0.12	25	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:35	10/17/2015 07:18	BK
107-06-2	1,2-Dichloroethane	ND		mg/L	0.062	0.12	25	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:35	10/17/2015 07:18	BK
106-46-7	1,4-Dichlorobenzene	ND		mg/L	0.062	0.12	25	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:35	10/17/2015 07:18	BK
78-93-3	2-Butanone	0.15		mg/L	0.062	0.12	25	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:35	10/17/2015 07:18	BK
71-43-2	Benzene	ND		mg/L	0.062	0.12	25	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:35	10/17/2015 07:18	BK
56-23-5	Carbon tetrachloride	ND		mg/L	0.062	0.12	25	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:35	10/17/2015 07:18	BK
108-90-7	Chlorobenzene	ND		mg/L	0.062	0.12	25	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:35	10/17/2015 07:18	BK
67-66-3	Chloroform	ND		mg/L	0.062	0.12	25	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:35	10/17/2015 07:18	BK
127-18-4	Tetrachloroethylene	ND		mg/L	0.062	0.12	25	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:35	10/17/2015 07:18	BK
79-01-6	Trichloroethylene	ND		mg/L	0.062	0.12	25	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:35	10/17/2015 07:18	BK
75-01-4	Vinyl Chloride	ND		mg/L	0.062	0.12	25	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:35	10/17/2015 07:18	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	105 %	65-135								
460-00-4	Surrogate: p-Bromofluorobenzene	101 %	81-114								
2037-26-5	Surrogate: Toluene-d8	95.8 %	86-118								

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/19/2015 07:03	10/19/2015 18:23	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg wet	622000	1240000	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/19/2015 07:03	10/19/2015 18:23	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 18:23	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications: NELAC-NY10854	10/19/2015 07:03	10/19/2015 18:23	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/19/2015 07:03	10/19/2015 18:23	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications: NELAC-NY10854	10/19/2015 07:03	10/19/2015 18:23	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications: NELAC-NY10854	10/19/2015 07:03	10/19/2015 18:23	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg wet	622000	1240000	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/19/2015 07:03	10/19/2015 18:23	SR



Sample Information

Client Sample ID: Liquid from 5B

York Sample ID: 15J0585-05

York Project (SDG) No.

15J0585

Client Project ID

15004

Matrix

Liquid

Collection Date/Time

October 14, 2015 2:50 pm

Date Received

10/14/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP	10/19/2015 18:23	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 18:23	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 18:23	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 18:23	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg wet	622000	1240000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 18:23	SR
121-14-2	2,4-Dinitrotoluene	4940000		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 18:23	SR
606-20-2	2,6-Dinitrotoluene	6030000		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 18:23	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 18:23	SR
95-57-8	2-Chlorophenol	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 18:23	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP	10/19/2015 18:23	SR
95-48-7	2-Methylphenol	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 18:23	SR
88-74-4	2-Nitroaniline	ND		ug/kg wet	622000	1240000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 18:23	SR
88-75-5	2-Nitrophenol	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 18:23	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP	10/19/2015 18:23	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 NELAC-NY10854,NJDEP,PADEP	10/19/2015 18:23	SR
99-09-2	3-Nitroaniline	ND		ug/kg wet	622000	1240000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 18:23	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg wet	622000	1240000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP	10/19/2015 18:23	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 18:23	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 18:23	SR
106-47-8	4-Chloroaniline	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 18:23	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 18:23	SR
100-01-6	4-Nitroaniline	ND		ug/kg wet	622000	1240000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 18:23	SR
100-02-7	4-Nitrophenol	ND		ug/kg wet	622000	1240000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 18:23	SR



Sample Information

Client Sample ID: Liquid from 5B

York Sample ID: 15J0585-05

York Project (SDG) No.
15J0585

Client Project ID
15004

Matrix
Liquid

Collection Date/Time
October 14, 2015 2:50 pm

Date Received
10/14/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 18:23	SR
208-96-8	Acenaphthylene	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 18:23	SR
98-86-2	Acetophenone	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 NELAC-NY10854,NJDEP	10/19/2015 18:23	SR
62-53-3	Aniline	ND		ug/kg wet	1250000	2490000	50	EPA 8270D Certifications:	10/19/2015 07:03 NELAC-NY10854,NJDEP,PADEP	10/19/2015 18:23	SR
120-12-7	Anthracene	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 18:23	SR
1912-24-9	Atrazine	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 NELAC-NY10854,NJDEP	10/19/2015 18:23	SR
100-52-7	Benzaldehyde	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 NELAC-NY10854,NJDEP	10/19/2015 18:23	SR
92-87-5	Benzidine	ND		ug/kg wet	1250000	2490000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854	10/19/2015 18:23	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 18:23	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 18:23	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 18:23	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 18:23	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 18:23	SR
65-85-0	Benzoic acid	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 NELAC-NY10854,NJDEP	10/19/2015 18:23	SR
100-51-6	Benzyl alcohol	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 NELAC-NY10854,NJDEP,PADEP	10/19/2015 18:23	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 18:23	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 18:23	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 18:23	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 18:23	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 18:23	SR
105-60-2	Caprolactam	ND		ug/kg wet	622000	1240000	50	EPA 8270D Certifications:	10/19/2015 07:03 NELAC-NY10854,NJDEP	10/19/2015 18:23	SR
86-74-8	Carbazole	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 18:23	SR
218-01-9	Chrysene	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 18:23	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 18:23	SR



Sample Information

Client Sample ID: Liquid from 5B

York Sample ID: 15J0585-05

York Project (SDG) No.
15J0585

Client Project ID
15004

Matrix
Liquid

Collection Date/Time
October 14, 2015 2:50 pm

Date Received
10/14/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
132-64-9	Dibenzofuran	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP	10/19/2015 18:23	SR
84-66-2	Diethyl phthalate	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 18:23	SR
131-11-3	Dimethyl phthalate	2330000		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 18:23	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 18:23	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 18:23	SR
206-44-0	Fluoranthene	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 18:23	SR
86-73-7	Fluorene	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 NELAC-NY10854,NJDEP,PADEP	10/19/2015 18:23	SR
118-74-1	Hexachlorobenzene	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 18:23	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 18:23	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 18:23	SR
67-72-1	Hexachloroethane	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 18:23	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 18:23	SR
78-59-1	Isophorone	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 18:23	SR
91-20-3	Naphthalene	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP	10/19/2015 18:23	SR
98-95-3	Nitrobenzene	1400000		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 18:23	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP	10/19/2015 18:23	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 18:23	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP	10/19/2015 18:23	SR
87-86-5	Pentachlorophenol	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 18:23	SR
85-01-8	Phenanthrene	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 18:23	SR
108-95-2	Phenol	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 18:23	SR
129-00-0	Pyrene	ND		ug/kg wet	312000	622000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 18:23	SR
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	3.99 %	S-01	10-95							
4165-62-2	Surrogate: Phenol-d5	2.67 %	S-01	10-107							



Sample Information

Client Sample ID: Liquid from 5B

York Sample ID: 15J0585-05

York Project (SDG) No.

15J0585

Client Project ID

15004

Matrix

Liquid

Collection Date/Time

October 14, 2015 2:50 pm

Date Received

10/14/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	Surrogate: Nitrobenzene-d5	%	S-01		10-95						
321-60-8	Surrogate: 2-Fluorobiphenyl	%	S-01		10-97						
118-79-6	Surrogate: 2,4,6-Tribromophenol	%	S-01		10-103						
1718-51-0	Surrogate: Terphenyl-d14	3.98 %	S-01		19-99						

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		mg/L	0.0221	0.0500	1	EPA 8270D/1311 Certifications: NELAC-NY10854	10/16/2015 07:56	10/18/2015 19:26	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/L	0.0191	0.0500	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 07:56	10/18/2015 19:26	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/L	0.0175	0.0500	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 07:56	10/18/2015 19:26	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/L	0.0161	0.0500	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 07:56	10/18/2015 19:26	KH
95-48-7	2-Methylphenol	ND		mg/L	0.0116	0.0500	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 07:56	10/18/2015 19:26	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/L	0.0112	0.100	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 07:56	10/18/2015 19:26	KH
1319-77-3	Cresols, total	ND		mg/L	0.0116	0.150	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854	10/16/2015 07:56	10/18/2015 19:26	KH
118-74-1	Hexachlorobenzene	ND		mg/L	0.0127	0.0500	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 07:56	10/18/2015 19:26	KH
87-68-3	Hexachlorobutadiene	ND		mg/L	0.0279	0.0500	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 07:56	10/18/2015 19:26	KH
67-72-1	Hexachloroethane	ND		mg/L	0.0304	0.0500	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 07:56	10/18/2015 19:26	KH
98-95-3	Nitrobenzene	ND		mg/L	0.0169	0.0500	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 07:56	10/18/2015 19:26	KH
87-86-5	Pentachlorophenol	ND		mg/L	0.0145	0.0500	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 07:56	10/18/2015 19:26	KH
110-86-1	Pyridine	ND		mg/L	0.0391	0.0500	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 07:56	10/18/2015 19:26	KH

Surrogate Recoveries		Result	Acceptance Range	
367-12-4	Surrogate: 2-Fluorophenol	36.1 %		10-65
4165-62-2	Surrogate: Phenol-d5	1.96 %	S-08	10-49
4165-60-0	Surrogate: Nitrobenzene-d5	88.9 %		10-96
321-60-8	Surrogate: 2-Fluorobiphenyl	75.4 %		10-93
118-79-6	Surrogate: 2,4,6-Tribromophenol	125 %		10-128
1718-51-0	Surrogate: Terphenyl-d14	119 %	S-08	10-100

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: Liquid from 5B

York Sample ID: 15J0585-05

York Project (SDG) No.
15J0585

Client Project ID
15004

Matrix
Liquid

Collection Date/Time
October 14, 2015 2:50 pm

Date Received
10/14/2015

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg wet	4.96	4.96	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/19/2015 07:01	10/19/2015 15:48	AMC
11104-28-2	Aroclor 1221	ND		mg/kg wet	4.96	4.96	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/19/2015 07:01	10/19/2015 15:48	AMC
11141-16-5	Aroclor 1232	ND		mg/kg wet	4.96	4.96	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/19/2015 07:01	10/19/2015 15:48	AMC
53469-21-9	Aroclor 1242	ND		mg/kg wet	4.96	4.96	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/19/2015 07:01	10/19/2015 15:48	AMC
12672-29-6	Aroclor 1248	ND		mg/kg wet	4.96	4.96	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/19/2015 07:01	10/19/2015 15:48	AMC
11097-69-1	Aroclor 1254	ND		mg/kg wet	4.96	4.96	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/19/2015 07:01	10/19/2015 15:48	AMC
11096-82-5	Aroclor 1260	ND		mg/kg wet	4.96	4.96	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/19/2015 07:01	10/19/2015 15:48	AMC
1336-36-3	* Total PCBs	ND		mg/kg wet	4.96	4.96	1	EPA 8082A Certifications:	10/19/2015 07:01	10/19/2015 15:48	AMC
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	63.7 %	30-140								
2051-24-3	Surrogate: Decachlorobiphenyl	61.4 %	30-140								

Alcohols, C1-C3 Targets

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-56-1	* Methanol	277		mg/kg wet	2.00	2.00	1	EPA 8015D m Certifications:	10/16/2015 17:25	10/20/2015 11:36	RB

Glycols, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-21-1	* Ethylene Glycol	ND		mg/kg wet	250	250	1	GC/FID Certifications:	10/15/2015 17:22	10/16/2015 09:48	RB

Beryllium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	Beryllium	ND		mg/kg wet	1.00	1.00	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 15:24	10/19/2015 17:49	ALD

Copper by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

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



Sample Information

Client Sample ID: Liquid from 5B

York Sample ID: 15J0585-05

York Project (SDG) No.
15J0585

Client Project ID
15004

Matrix
Liquid

Collection Date/Time
October 14, 2015 2:50 pm

Date Received
10/14/2015

Copper by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	ND		mg/kg wet	5.00	5.00	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 15:24	10/19/2015 17:49	ALD

Copper, TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	ND		mg/L	0.0300	0.0300	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/15/2015 14:43	10/16/2015 04:51	ALD

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/kg wet	10.0	10.0	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 15:24	10/19/2015 17:49	ALD
7440-39-3	Barium	ND		mg/kg wet	10.0	10.0	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 15:24	10/19/2015 17:49	ALD
7440-43-9	Cadmium	ND		mg/kg wet	3.00	3.00	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 15:24	10/19/2015 17:49	ALD
7440-47-3	Chromium	ND		mg/kg wet	5.00	5.00	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 15:24	10/19/2015 17:49	ALD
7439-92-1	Lead	4.22		mg/kg wet	3.00	3.00	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 15:24	10/19/2015 17:49	ALD
7782-49-2	Selenium	ND		mg/kg wet	10.0	10.0	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 15:24	10/19/2015 17:49	ALD
7440-22-4	Silver	ND		mg/kg wet	5.00	5.00	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 15:24	10/19/2015 17:49	ALD

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.040	0.040	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/15/2015 14:43	10/16/2015 04:51	ALD
7440-39-3	Barium	0.393		mg/L	0.100	0.100	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/15/2015 14:43	10/16/2015 04:51	ALD
7440-43-9	Cadmium	ND		mg/L	0.030	0.030	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/15/2015 14:43	10/16/2015 04:51	ALD
7440-47-3	Chromium	ND		mg/L	0.050	0.050	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/15/2015 14:43	10/16/2015 04:51	ALD
7439-92-1	Lead	0.676		mg/L	0.030	0.030	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/15/2015 14:43	10/16/2015 04:51	ALD
7782-49-2	Selenium	ND	M-SeT C	mg/L	0.100	0.100	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/15/2015 14:43	10/16/2015 04:51	ALD
7440-22-4	Silver	ND		mg/L	0.050	0.050	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/15/2015 14:43	10/16/2015 04:51	ALD



Sample Information

Client Sample ID: Liquid from 5B

York Sample ID: 15J0585-05

York Project (SDG) No.

15J0585

Client Project ID

15004

Matrix

Liquid

Collection Date/Time

October 14, 2015 2:50 pm

Date Received

10/14/2015

Nickel by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	ND		mg/kg wet	5.00	5.00	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 15:24	10/19/2015 17:49	ALD

Nickel, TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	ND		mg/L	0.0500	0.0500	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/15/2015 14:43	10/16/2015 04:51	ALD

Vanadium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-62-2	Vanadium	ND		mg/kg wet	10.0	10.0	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 15:24	10/19/2015 17:49	ALD

Zinc by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	ND		mg/kg wet	10.0	10.0	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 15:24	10/19/2015 17:49	ALD

Zinc, TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	0.434		mg/L	0.100	0.100	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/15/2015 14:43	10/16/2015 04:51	ALD

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg wet	0.0330	0.0330	1	EPA 7471B Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	10/16/2015 16:32	10/16/2015 17:00	AA

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311 Certifications: CTDOH,NJDEP,PADEP,NELAC-NY10854	10/16/2015 12:12	10/16/2015 13:00	AA

Ignitability

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: Liquid from 5B

York Sample ID: 15J0585-05

York Project (SDG) No.

15J0585

Client Project ID

15004

Matrix

Liquid

Collection Date/Time

October 14, 2015 2:50 pm

Date Received

10/14/2015

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Ignitability	Non-Ignit.		-	1	1	1	EPA 1030P Certifications: CTDOH,PADEP	10/20/2015 12:41	10/20/2015 15:12	AA

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg wet	0.350	0.500	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854	10/19/2015 07:44	10/20/2015 12:55	SC

Corrosivity

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	4.01	HT-pH	pH units		0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP	10/14/2015 19:57	10/16/2015 16:58	CLS

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg wet	1.00	1.00	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP	10/19/2015 08:22	10/19/2015 15:52	AD

Reactivity-Cyanide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Cyanide	ND		mg/kg	0.250	0.250	1	EPA SW-846 Ch.7.3.3 Certifications: CTDOH,PADEP	10/20/2015 08:11	10/20/2015 14:27	AD

Reactivity-Sulfide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Sulfide	ND		mg/kg	15.0	15.0	1	EPA SW-846 Ch.7.3.4 Certifications: CTDOH,PADEP	10/20/2015 08:13	10/20/2015 14:27	AD

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/14/2015 18:30	10/16/2015 16:57	CLS

TCLP Extraction for SVOCS/PEST/HERB

Log-in Notes:

Sample Notes: EXT-Temp



Sample Information

Client Sample ID: Liquid from 5B

York Sample ID: 15J0585-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15J0585

15004

Liquid

October 14, 2015 2:50 pm

10/14/2015

Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/14/2015 18:53	10/16/2015 16:58	CLS

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		%	1.00	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/14/2015 18:56	10/16/2015 16:58	CLS

Sample Information

Client Sample ID: Liquid from 5C

York Sample ID: 15J0585-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15J0585

15004

Solid

October 14, 2015 2:50 pm

10/14/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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/kg dry	880000	1800000	50000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/21/2015 08:12	10/21/2015 14:43	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	880000	1800000	50000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 08:12	10/21/2015 14:43	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	880000	1800000	50000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 08:12	10/21/2015 14:43	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	880000	1800000	50000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/21/2015 08:12	10/21/2015 14:43	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	880000	1800000	50000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 08:12	10/21/2015 14:43	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	880000	1800000	50000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 08:12	10/21/2015 14:43	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	880000	1800000	50000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 08:12	10/21/2015 14:43	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	880000	1800000	50000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/21/2015 08:12	10/21/2015 14:43	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	880000	1800000	50000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/21/2015 08:12	10/21/2015 14:43	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	880000	1800000	50000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/21/2015 08:12	10/21/2015 14:43	BK
95-63-6	1,2,4-Trimethylbenzene	48000000		ug/kg dry	880000	1800000	50000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/21/2015 08:12	10/21/2015 14:43	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	880000	1800000	50000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/21/2015 08:12	10/21/2015 14:43	BK



Sample Information

Client Sample ID: Liquid from 5C

York Sample ID: 15J0585-06

York Project (SDG) No.
15J0585

Client Project ID
15004

Matrix
Solid

Collection Date/Time
October 14, 2015 2:50 pm

Date Received
10/14/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	880000	1800000	50000	EPA 8260C Certifications:	10/21/2015 08:12 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 14:43	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	880000	1800000	50000	EPA 8260C Certifications:	10/21/2015 08:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 14:43	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	880000	1800000	50000	EPA 8260C Certifications:	10/21/2015 08:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 14:43	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	880000	1800000	50000	EPA 8260C Certifications:	10/21/2015 08:12 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 14:43	BK
108-67-8	1,3,5-Trimethylbenzene	19000000		ug/kg dry	880000	1800000	50000	EPA 8260C Certifications:	10/21/2015 08:12 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 14:43	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	880000	1800000	50000	EPA 8260C Certifications:	10/21/2015 08:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 14:43	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	880000	1800000	50000	EPA 8260C Certifications:	10/21/2015 08:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 14:43	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	18000000	35000000	50000	EPA 8260C Certifications:	10/21/2015 08:12 NELAC-NY10854,NJDEP	10/21/2015 14:43	BK
78-93-3	2-Butanone	ND		ug/kg dry	880000	1800000	50000	EPA 8260C Certifications:	10/21/2015 08:12 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 14:43	BK
591-78-6	2-Hexanone	ND		ug/kg dry	880000	1800000	50000	EPA 8260C Certifications:	10/21/2015 08:12 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 14:43	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	880000	1800000	50000	EPA 8260C Certifications:	10/21/2015 08:12 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 14:43	BK
67-64-1	Acetone	ND		ug/kg dry	1800000	3500000	50000	EPA 8260C Certifications:	10/21/2015 08:12 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 14:43	BK
107-02-8	Acrolein	ND		ug/kg dry	1800000	3500000	50000	EPA 8260C Certifications:	10/21/2015 08:12 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 14:43	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	880000	1800000	50000	EPA 8260C Certifications:	10/21/2015 08:12 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 14:43	BK
71-43-2	Benzene	ND		ug/kg dry	880000	1800000	50000	EPA 8260C Certifications:	10/21/2015 08:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 14:43	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	880000	1800000	50000	EPA 8260C Certifications:	10/21/2015 08:12 NELAC-NY10854,NJDEP	10/21/2015 14:43	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	880000	1800000	50000	EPA 8260C Certifications:	10/21/2015 08:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 14:43	BK
75-25-2	Bromoform	ND		ug/kg dry	880000	1800000	50000	EPA 8260C Certifications:	10/21/2015 08:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 14:43	BK
74-83-9	Bromomethane	ND		ug/kg dry	880000	1800000	50000	EPA 8260C Certifications:	10/21/2015 08:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 14:43	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	880000	1800000	50000	EPA 8260C Certifications:	10/21/2015 08:12 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 14:43	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	880000	1800000	50000	EPA 8260C Certifications:	10/21/2015 08:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 14:43	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	880000	1800000	50000	EPA 8260C Certifications:	10/21/2015 08:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 14:43	BK
75-00-3	Chloroethane	ND		ug/kg dry	880000	1800000	50000	EPA 8260C Certifications:	10/21/2015 08:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 14:43	BK
67-66-3	Chloroform	ND		ug/kg dry	880000	1800000	50000	EPA 8260C Certifications:	10/21/2015 08:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 14:43	BK



Sample Information

Client Sample ID: Liquid from 5C

York Sample ID: 15J0585-06

York Project (SDG) No.

15J0585

Client Project ID

15004

Matrix

Solid

Collection Date/Time

October 14, 2015 2:50 pm

Date Received

10/14/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/kg dry	880000	1800000	50000	EPA 8260C Certifications:	10/21/2015 08:12	10/21/2015 14:43	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	880000	1800000	50000	EPA 8260C Certifications:	10/21/2015 08:12	10/21/2015 14:43	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	880000	1800000	50000	EPA 8260C Certifications:	10/21/2015 08:12	10/21/2015 14:43	BK
110-82-7	Cyclohexane	ND		ug/kg dry	880000	1800000	50000	EPA 8260C Certifications:	10/21/2015 08:12	10/21/2015 14:43	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	880000	1800000	50000	EPA 8260C Certifications:	10/21/2015 08:12	10/21/2015 14:43	BK
74-95-3	Dibromomethane	ND		ug/kg dry	880000	1800000	50000	EPA 8260C Certifications:	10/21/2015 08:12	10/21/2015 14:43	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	880000	1800000	50000	EPA 8260C Certifications:	10/21/2015 08:12	10/21/2015 14:43	BK
100-41-4	Ethyl Benzene	970000	J	ug/kg dry	880000	1800000	50000	EPA 8260C Certifications:	10/21/2015 08:12	10/21/2015 14:43	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	880000	1800000	50000	EPA 8260C Certifications:	10/21/2015 08:12	10/21/2015 14:43	BK
98-82-8	Isopropylbenzene	1700000	J	ug/kg dry	880000	1800000	50000	EPA 8260C Certifications:	10/21/2015 08:12	10/21/2015 14:43	BK
79-20-9	Methyl acetate	ND		ug/kg dry	880000	1800000	50000	EPA 8260C Certifications:	10/21/2015 08:12	10/21/2015 14:43	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	880000	1800000	50000	EPA 8260C Certifications:	10/21/2015 08:12	10/21/2015 14:43	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	880000	1800000	50000	EPA 8260C Certifications:	10/21/2015 08:12	10/21/2015 14:43	BK
75-09-2	Methylene chloride	ND		ug/kg dry	1800000	3500000	50000	EPA 8260C Certifications:	10/21/2015 08:12	10/21/2015 14:43	BK
104-51-8	n-Butylbenzene	5000000		ug/kg dry	880000	1800000	50000	EPA 8260C Certifications:	10/21/2015 08:12	10/21/2015 14:43	BK
103-65-1	n-Propylbenzene	5100000		ug/kg dry	880000	1800000	50000	EPA 8260C Certifications:	10/21/2015 08:12	10/21/2015 14:43	BK
95-47-6	o-Xylene	4100000		ug/kg dry	880000	1800000	50000	EPA 8260C Certifications:	10/21/2015 08:12	10/21/2015 14:43	BK
179601-23-1	p- & m- Xylenes	6700000		ug/kg dry	1800000	3500000	50000	EPA 8260C Certifications:	10/21/2015 08:12	10/21/2015 14:43	BK
99-87-6	p-Isopropyltoluene	4200000		ug/kg dry	880000	1800000	50000	EPA 8260C Certifications:	10/21/2015 08:12	10/21/2015 14:43	BK
135-98-8	sec-Butylbenzene	3000000		ug/kg dry	880000	1800000	50000	EPA 8260C Certifications:	10/21/2015 08:12	10/21/2015 14:43	BK
100-42-5	Styrene	ND		ug/kg dry	880000	1800000	50000	EPA 8260C Certifications:	10/21/2015 08:12	10/21/2015 14:43	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	880000	1800000	50000	EPA 8260C Certifications:	10/21/2015 08:12	10/21/2015 14:43	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	880000	1800000	50000	EPA 8260C Certifications:	10/21/2015 08:12	10/21/2015 14:43	BK



Sample Information

Client Sample ID: Liquid from 5C

York Sample ID: 15J0585-06

York Project (SDG) No.
15J0585

Client Project ID
15004

Matrix
Solid

Collection Date/Time
October 14, 2015 2:50 pm

Date Received
10/14/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/kg dry	880000	1800000	50000	EPA 8260C Certifications:	10/21/2015 08:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 14:43	BK
108-88-3	Toluene	ND		ug/kg dry	880000	1800000	50000	EPA 8260C Certifications:	10/21/2015 08:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 14:43	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	880000	1800000	50000	EPA 8260C Certifications:	10/21/2015 08:12 CTDOH,NELAC-NY10854,NJDEP	10/21/2015 14:43	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	880000	1800000	50000	EPA 8260C Certifications:	10/21/2015 08:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 14:43	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	880000	1800000	50000	EPA 8260C Certifications:	10/21/2015 08:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 14:43	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	880000	1800000	50000	EPA 8260C Certifications:	10/21/2015 08:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 14:43	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	880000	1800000	50000	EPA 8260C Certifications:	10/21/2015 08:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 14:43	BK
1330-20-7	Xylenes, Total	11000000		ug/kg dry	2600000	5300000	50000	EPA 8260C Certifications:	10/21/2015 08:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 14:43	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	107 %	77-125								
2037-26-5	Surrogate: Toluene-d8	101 %	85-120								
460-00-4	Surrogate: p-Bromofluorobenzene	95.1 %	76-130								

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		mg/L	0.062	0.12	25	EPA 8260C/1311 Certifications:	10/16/2015 16:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2015 07:54	BK
107-06-2	1,2-Dichloroethane	ND		mg/L	0.062	0.12	25	EPA 8260C/1311 Certifications:	10/16/2015 16:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2015 07:54	BK
106-46-7	1,4-Dichlorobenzene	ND		mg/L	0.062	0.12	25	EPA 8260C/1311 Certifications:	10/16/2015 16:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2015 07:54	BK
78-93-3	2-Butanone	0.18		mg/L	0.062	0.12	25	EPA 8260C/1311 Certifications:	10/16/2015 16:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2015 07:54	BK
71-43-2	Benzene	ND		mg/L	0.062	0.12	25	EPA 8260C/1311 Certifications:	10/16/2015 16:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2015 07:54	BK
56-23-5	Carbon tetrachloride	ND		mg/L	0.062	0.12	25	EPA 8260C/1311 Certifications:	10/16/2015 16:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2015 07:54	BK
108-90-7	Chlorobenzene	ND		mg/L	0.062	0.12	25	EPA 8260C/1311 Certifications:	10/16/2015 16:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2015 07:54	BK
67-66-3	Chloroform	ND		mg/L	0.062	0.12	25	EPA 8260C/1311 Certifications:	10/16/2015 16:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2015 07:54	BK
127-18-4	Tetrachloroethylene	ND		mg/L	0.062	0.12	25	EPA 8260C/1311 Certifications:	10/16/2015 16:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2015 07:54	BK
79-01-6	Trichloroethylene	ND		mg/L	0.062	0.12	25	EPA 8260C/1311 Certifications:	10/16/2015 16:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2015 07:54	BK
75-01-4	Vinyl Chloride	ND		mg/L	0.062	0.12	25	EPA 8260C/1311 Certifications:	10/16/2015 16:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2015 07:54	BK



Sample Information

Client Sample ID: Liquid from 5C

York Sample ID: 15J0585-06

York Project (SDG) No.

15J0585

Client Project ID

15004

Matrix

Solid

Collection Date/Time

October 14, 2015 2:50 pm

Date Received

10/14/2015

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	107 %			65	135					
460-00-4	Surrogate: p-Bromofluorobenzene	102 %			81	114					
2037-26-5	Surrogate: Toluene-d8	97.0 %			86	118					

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	17700	35300	100	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/19/2015 07:03	10/19/2015 18:56	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	35300	70500	100	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/19/2015 07:03	10/19/2015 18:56	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	17700	35300	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 18:56	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	17700	35300	100	EPA 8270D Certifications: NELAC-NY10854	10/19/2015 07:03	10/19/2015 18:56	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	17700	35300	100	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/19/2015 07:03	10/19/2015 18:56	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	17700	35300	100	EPA 8270D Certifications: NELAC-NY10854	10/19/2015 07:03	10/19/2015 18:56	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	17700	35300	100	EPA 8270D Certifications: NELAC-NY10854	10/19/2015 07:03	10/19/2015 18:56	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	35300	70500	100	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/19/2015 07:03	10/19/2015 18:56	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	17700	35300	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 07:03	10/19/2015 18:56	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	17700	35300	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 18:56	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	17700	35300	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 18:56	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	17700	35300	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 18:56	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	35300	70500	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 18:56	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	17700	35300	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 18:56	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	17700	35300	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 18:56	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	17700	35300	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 18:56	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	17700	35300	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 18:56	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	17700	35300	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 07:03	10/19/2015 18:56	SR



Sample Information

Client Sample ID: Liquid from 5C

York Sample ID: 15J0585-06

York Project (SDG) No.

15J0585

Client Project ID

15004

Matrix

Solid

Collection Date/Time

October 14, 2015 2:50 pm

Date Received

10/14/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/kg dry	17700	35300	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 18:56	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	35300	70500	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 18:56	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	17700	35300	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 18:56	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	17700	35300	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 07:03	10/19/2015 18:56	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	17700	35300	100	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 18:56	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	35300	70500	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 18:56	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	35300	70500	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 07:03	10/19/2015 18:56	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	17700	35300	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 18:56	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	17700	35300	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 18:56	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	17700	35300	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 18:56	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	17700	35300	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 18:56	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	35300	70500	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 18:56	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	35300	70500	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 18:56	SR
83-32-9	Acenaphthene	ND		ug/kg dry	17700	35300	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 18:56	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	17700	35300	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 18:56	SR
98-86-2	Acetophenone	ND		ug/kg dry	17700	35300	100	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/19/2015 07:03	10/19/2015 18:56	SR
62-53-3	Aniline	ND		ug/kg dry	70600	141000	100	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 18:56	SR
120-12-7	Anthracene	ND		ug/kg dry	17700	35300	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 18:56	SR
1912-24-9	Atrazine	ND		ug/kg dry	17700	35300	100	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/19/2015 07:03	10/19/2015 18:56	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	17700	35300	100	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/19/2015 07:03	10/19/2015 18:56	SR
92-87-5	Benzidine	ND		ug/kg dry	70600	141000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854	10/19/2015 07:03	10/19/2015 18:56	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	17700	35300	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 18:56	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	17700	35300	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 18:56	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	17700	35300	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 18:56	SR



Sample Information

Client Sample ID: Liquid from 5C

York Sample ID: 15J0585-06

York Project (SDG) No.
15J0585

Client Project ID
15004

Matrix
Solid

Collection Date/Time
October 14, 2015 2:50 pm

Date Received
10/14/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	17700	35300	100	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 18:56	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	17700	35300	100	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 18:56	SR
65-85-0	Benzoic acid	ND		ug/kg dry	17700	35300	100	EPA 8270D Certifications:	10/19/2015 07:03 NELAC-NY10854,NJDEP	10/19/2015 18:56	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	17700	35300	100	EPA 8270D Certifications:	10/19/2015 07:03 NELAC-NY10854,NJDEP,PADEP	10/19/2015 18:56	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	17700	35300	100	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 18:56	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	17700	35300	100	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 18:56	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	17700	35300	100	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 18:56	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	17700	35300	100	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 18:56	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	17700	35300	100	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 18:56	SR
105-60-2	Caprolactam	ND		ug/kg dry	35300	70500	100	EPA 8270D Certifications:	10/19/2015 07:03 NELAC-NY10854,NJDEP	10/19/2015 18:56	SR
86-74-8	Carbazole	ND		ug/kg dry	17700	35300	100	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 18:56	SR
218-01-9	Chrysene	ND		ug/kg dry	17700	35300	100	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 18:56	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	17700	35300	100	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 18:56	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	17700	35300	100	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP	10/19/2015 18:56	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	17700	35300	100	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 18:56	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	17700	35300	100	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 18:56	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	17700	35300	100	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 18:56	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	17700	35300	100	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 18:56	SR
206-44-0	Fluoranthene	ND		ug/kg dry	17700	35300	100	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 18:56	SR
86-73-7	Fluorene	ND		ug/kg dry	17700	35300	100	EPA 8270D Certifications:	10/19/2015 07:03 NELAC-NY10854,NJDEP,PADEP	10/19/2015 18:56	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	17700	35300	100	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 18:56	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	17700	35300	100	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 18:56	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	17700	35300	100	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 18:56	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	17700	35300	100	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 18:56	SR



Sample Information

Client Sample ID: Liquid from 5C

York Sample ID: 15J0585-06

York Project (SDG) No.
15J0585

Client Project ID
15004

Matrix
Solid

Collection Date/Time
October 14, 2015 2:50 pm

Date Received
10/14/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	17700	35300	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 18:56	SR
78-59-1	Isophorone	ND		ug/kg dry	17700	35300	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 18:56	SR
91-20-3	Naphthalene	154000		ug/kg dry	17700	35300	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 07:03	10/19/2015 18:56	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	17700	35300	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 18:56	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	17700	35300	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 07:03	10/19/2015 18:56	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	17700	35300	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 18:56	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	17700	35300	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 07:03	10/19/2015 18:56	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	17700	35300	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 18:56	SR
85-01-8	Phenanthrene	ND		ug/kg dry	17700	35300	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 18:56	SR
108-95-2	Phenol	ND		ug/kg dry	17700	35300	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 18:56	SR
129-00-0	Pyrene	ND		ug/kg dry	17700	35300	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 18:56	SR
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: 2-Fluorophenol	%	S-01	10-95							
4165-62-2	Surrogate: Phenol-d5	245 %	S-01	10-107							
4165-60-0	Surrogate: Nitrobenzene-d5	151 %	S-01	10-95							
321-60-8	Surrogate: 2-Fluorobiphenyl	%	S-01	10-97							
118-79-6	Surrogate: 2,4,6-Tribromophenol	%	S-01	10-103							
1718-51-0	Surrogate: Terphenyl-d14	15.9 %	S-01	19-99							

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		mg/L	0.0221	0.0500	1	EPA 8270D/1311 Certifications: NELAC-NY10854	10/16/2015 07:56	10/18/2015 20:00	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/L	0.0191	0.0500	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 07:56	10/18/2015 20:00	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/L	0.0175	0.0500	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 07:56	10/18/2015 20:00	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/L	0.0161	0.0500	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 07:56	10/18/2015 20:00	KH
95-48-7	2-Methylphenol	ND		mg/L	0.0116	0.0500	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 07:56	10/18/2015 20:00	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/L	0.0112	0.100	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 07:56	10/18/2015 20:00	KH



Sample Information

Client Sample ID: Liquid from 5C

York Sample ID: 15J0585-06

York Project (SDG) No.
15J0585

Client Project ID
15004

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Solid

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10/14/2015

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1319-77-3	Cresols, total	ND		mg/L	0.0116	0.150	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854	10/16/2015 07:56	10/18/2015 20:00	KH
118-74-1	Hexachlorobenzene	ND		mg/L	0.0127	0.0500	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 07:56	10/18/2015 20:00	KH
87-68-3	Hexachlorobutadiene	ND		mg/L	0.0279	0.0500	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 07:56	10/18/2015 20:00	KH
67-72-1	Hexachloroethane	ND		mg/L	0.0304	0.0500	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 07:56	10/18/2015 20:00	KH
98-95-3	Nitrobenzene	ND		mg/L	0.0169	0.0500	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 07:56	10/18/2015 20:00	KH
87-86-5	Pentachlorophenol	ND		mg/L	0.0145	0.0500	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 07:56	10/18/2015 20:00	KH
110-86-1	Pyridine	ND		mg/L	0.0391	0.0500	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 07:56	10/18/2015 20:00	KH
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: 2-Fluorophenol	38.0 %									
4165-62-2	Surrogate: Phenol-d5	33.0 %									
4165-60-0	Surrogate: Nitrobenzene-d5	68.3 %									
321-60-8	Surrogate: 2-Fluorobiphenyl	84.8 %									
118-79-6	Surrogate: 2,4,6-Tribromophenol	131 %	S-08								
1718-51-0	Surrogate: Terphenyl-d14	124 %	S-08								

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.141	0.141	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/19/2015 07:01	10/19/2015 16:07	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.141	0.141	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/19/2015 07:01	10/19/2015 16:07	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.141	0.141	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/19/2015 07:01	10/19/2015 16:07	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.141	0.141	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/19/2015 07:01	10/19/2015 16:07	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.141	0.141	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/19/2015 07:01	10/19/2015 16:07	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.141	0.141	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/19/2015 07:01	10/19/2015 16:07	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.141	0.141	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/19/2015 07:01	10/19/2015 16:07	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.141	0.141	1	EPA 8082A Certifications:	10/19/2015 07:01	10/19/2015 16:07	AMC
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	34.3 %									



Sample Information

Client Sample ID: Liquid from 5C

York Sample ID: 15J0585-06

York Project (SDG) No.

15J0585

Client Project ID

15004

Matrix

Solid

Collection Date/Time

October 14, 2015 2:50 pm

Date Received

10/14/2015

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	Surrogate: Decachlorobiphenyl	37.7 %				30-140					

Alcohols, C1-C3 Targets

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-56-1	* Methanol	ND		mg/kg dry	2.82	2.82	1	EPA 8015D m Certifications:	10/16/2015 17:25	10/20/2015 11:52	RB

Glycols, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-21-1	* Ethylene Glycol	ND		mg/kg dry	352	352	1	GC/FID Certifications:	10/15/2015 17:22	10/16/2015 10:09	RB

Beryllium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	Beryllium	ND		mg/kg dry	1.41	1.41	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 15:24	10/19/2015 17:54	ALD

Copper by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	ND		mg/kg dry	7.05	7.05	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 15:24	10/19/2015 17:54	ALD

Copper, TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	ND		mg/L	0.0300	0.0300	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/15/2015 14:43	10/16/2015 04:56	ALD

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/kg dry	14.1	14.1	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 15:24	10/19/2015 17:54	ALD
7440-39-3	Barium	ND		mg/kg dry	14.1	14.1	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 15:24	10/19/2015 17:54	ALD



Sample Information

Client Sample ID: Liquid from 5C

York Sample ID: 15J0585-06

York Project (SDG) No.
15J0585

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Solid

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Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	Cadmium	ND		mg/kg dry	4.23	4.23	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 15:24	10/19/2015 17:54	ALD
7440-47-3	Chromium	ND		mg/kg dry	7.05	7.05	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 15:24	10/19/2015 17:54	ALD
7439-92-1	Lead	1390		mg/kg dry	4.23	4.23	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 15:24	10/19/2015 17:54	ALD
7782-49-2	Selenium	ND		mg/kg dry	14.1	14.1	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 15:24	10/19/2015 17:54	ALD
7440-22-4	Silver	ND		mg/kg dry	7.05	7.05	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 15:24	10/19/2015 17:54	ALD

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.040	0.040	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/15/2015 14:43	10/16/2015 04:56	ALD
7440-39-3	Barium	0.622		mg/L	0.100	0.100	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/15/2015 14:43	10/16/2015 04:56	ALD
7440-43-9	Cadmium	ND		mg/L	0.030	0.030	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/15/2015 14:43	10/16/2015 04:56	ALD
7440-47-3	Chromium	ND		mg/L	0.050	0.050	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/15/2015 14:43	10/16/2015 04:56	ALD
7439-92-1	Lead	ND		mg/L	0.030	0.030	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/15/2015 14:43	10/16/2015 04:56	ALD
7782-49-2	Selenium	ND	M-SeT C	mg/L	0.100	0.100	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/15/2015 14:43	10/16/2015 04:56	ALD
7440-22-4	Silver	ND		mg/L	0.050	0.050	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/15/2015 14:43	10/16/2015 04:56	ALD

Nickel by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	ND		mg/kg dry	7.05	7.05	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 15:24	10/19/2015 17:54	ALD

Nickel, TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	ND		mg/L	0.0500	0.0500	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/15/2015 14:43	10/16/2015 04:56	ALD

Vanadium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

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



Sample Information

Client Sample ID: Liquid from 5C

York Sample ID: 15J0585-06

York Project (SDG) No.

15J0585

Client Project ID

15004

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Vanadium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-62-2	Vanadium	ND		mg/kg dry	14.1	14.1	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 15:24	10/19/2015 17:54	ALD

Zinc by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	159		mg/kg dry	14.1	14.1	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 15:24	10/19/2015 17:54	ALD

Zinc, TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	0.546		mg/L	0.100	0.100	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/15/2015 14:43	10/16/2015 04:56	ALD

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0465	0.0465	1	EPA 7471B Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	10/16/2015 16:32	10/16/2015 17:00	AA

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311 Certifications: CTDOH,NJDEP,PADEP,NELAC-NY10854	10/16/2015 12:12	10/16/2015 13:00	AA

Ignitability

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Ignitability	Non-Ignit.		-	1	1	1	EPA 1030P Certifications: CTDOH,PADEP	10/20/2015 12:41	10/20/2015 15:12	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	70.9		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	10/15/2015 16:12	10/16/2015 17:00	CLS



Sample Information

Client Sample ID: Liquid from 5C

York Sample ID: 15J0585-06

York Project (SDG) No.

15J0585

Client Project ID

15004

Matrix

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Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.493	0.705	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854	10/19/2015 07:44	10/20/2015 12:55	SC

Corrosivity

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	5.52	HT-pH	pH units		0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP	10/14/2015 19:57	10/16/2015 16:58	CLS

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	1.41	1.41	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP	10/19/2015 08:22	10/19/2015 15:52	AD

Reactivity-Cyanide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Cyanide	ND		mg/kg	0.250	0.250	1	EPA SW-846 Ch.7.3.3 Certifications: CTDOH,PADEP	10/20/2015 08:11	10/20/2015 14:27	AD

Reactivity-Sulfide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Sulfide	ND		mg/kg	15.0	15.0	1	EPA SW-846 Ch.7.3.4 Certifications: CTDOH,PADEP	10/20/2015 08:13	10/20/2015 14:27	AD

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/14/2015 18:30	10/16/2015 16:57	CLS

TCLP Extraction for SVOCS/PEST/HERB

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/14/2015 18:53	10/16/2015 16:58	CLS

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes: EXT-Temp



Sample Information

Client Sample ID: Liquid from 5C

York Sample ID: 15J0585-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15J0585

15004

Solid

October 14, 2015 2:50 pm

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Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		%	1.00	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/14/2015 18:56	10/16/2015 16:58	CLS

Sample Information

Client Sample ID: Liquid from GT1

York Sample ID: 15J0585-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15J0585

15004

Liquid

October 14, 2015 3:00 pm

10/14/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 16:34	10/17/2015 03:44	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:34	10/17/2015 03:44	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:34	10/17/2015 03:44	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 16:34	10/17/2015 03:44	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:34	10/17/2015 03:44	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:34	10/17/2015 03:44	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:34	10/17/2015 03:44	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/16/2015 16:34	10/17/2015 03:44	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/16/2015 16:34	10/17/2015 03:44	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	10/16/2015 16:34	10/17/2015 03:44	BK
95-63-6	1,2,4-Trimethylbenzene	120000000		ug/kg wet	6200000	12000000	500000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 16:34	10/21/2015 08:21	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 16:34	10/17/2015 03:44	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 16:34	10/17/2015 03:44	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:34	10/17/2015 03:44	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:34	10/17/2015 03:44	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 16:34	10/17/2015 03:44	BK



Sample Information

Client Sample ID: Liquid from GT1

York Sample ID: 15J0585-07

York Project (SDG) No.

15J0585

Client Project ID

15004

Matrix

Liquid

Collection Date/Time

October 14, 2015 3:00 pm

Date Received

10/14/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	54000000		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP	10/17/2015 03:44	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2015 03:44	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2015 03:44	BK
123-91-1	1,4-Dioxane	ND		ug/kg wet	25000000	50000000	100000	EPA 8260C Certifications:	10/16/2015 16:34 NELAC-NY10854,NJDEP	10/17/2015 03:44	BK
78-93-3	2-Butanone	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP	10/17/2015 03:44	BK
591-78-6	2-Hexanone	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP	10/17/2015 03:44	BK
108-10-1	4-Methyl-2-pentanone	ND	SCAL- E	ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP	10/17/2015 03:44	BK
67-64-1	Acetone	ND		ug/kg wet	2500000	5000000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP	10/17/2015 03:44	BK
107-02-8	Acrolein	ND		ug/kg wet	2500000	5000000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP	10/17/2015 03:44	BK
107-13-1	Acrylonitrile	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP	10/17/2015 03:44	BK
71-43-2	Benzene	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2015 03:44	BK
74-97-5	Bromochloromethane	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 NELAC-NY10854,NJDEP	10/17/2015 03:44	BK
75-27-4	Bromodichloromethane	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2015 03:44	BK
75-25-2	Bromoform	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2015 03:44	BK
74-83-9	Bromomethane	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2015 03:44	BK
75-15-0	Carbon disulfide	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP	10/17/2015 03:44	BK
56-23-5	Carbon tetrachloride	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2015 03:44	BK
108-90-7	Chlorobenzene	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2015 03:44	BK
75-00-3	Chloroethane	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2015 03:44	BK
67-66-3	Chloroform	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2015 03:44	BK
74-87-3	Chloromethane	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2015 03:44	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP	10/17/2015 03:44	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2015 03:44	BK
110-82-7	Cyclohexane	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 NELAC-NY10854,NJDEP	10/17/2015 03:44	BK



Sample Information

Client Sample ID: Liquid from GT1

York Sample ID: 15J0585-07

York Project (SDG) No.

15J0585

Client Project ID

15004

Matrix

Liquid

Collection Date/Time

October 14, 2015 3:00 pm

Date Received

10/14/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 NELAC-NY10854,NJDEP,PADEP	10/17/2015 03:44	BK
74-95-3	Dibromomethane	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 NELAC-NY10854,NJDEP	10/17/2015 03:44	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 NELAC-NY10854,NJDEP	10/17/2015 03:44	BK
100-41-4	Ethyl Benzene	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2015 03:44	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 NELAC-NY10854,NJDEP	10/17/2015 03:44	BK
98-82-8	Isopropylbenzene	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP	10/17/2015 03:44	BK
79-20-9	Methyl acetate	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 NELAC-NY10854,NJDEP	10/17/2015 03:44	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP	10/17/2015 03:44	BK
108-87-2	Methylcyclohexane	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 NELAC-NY10854,NJDEP	10/17/2015 03:44	BK
75-09-2	Methylene chloride	ND		ug/kg wet	2500000	5000000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2015 03:44	BK
104-51-8	n-Butylbenzene	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP	10/17/2015 03:44	BK
103-65-1	n-Propylbenzene	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP	10/17/2015 03:44	BK
95-47-6	o-Xylene	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854	10/17/2015 03:44	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg wet	2500000	5000000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854	10/17/2015 03:44	BK
99-87-6	p-Isopropyltoluene	23000000		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP	10/17/2015 03:44	BK
135-98-8	sec-Butylbenzene	7900000		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP	10/17/2015 03:44	BK
100-42-5	Styrene	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP	10/17/2015 03:44	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 NELAC-NY10854,NJDEP	10/17/2015 03:44	BK
98-06-6	tert-Butylbenzene	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP	10/17/2015 03:44	BK
127-18-4	Tetrachloroethylene	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2015 03:44	BK
108-88-3	Toluene	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2015 03:44	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP	10/17/2015 03:44	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2015 03:44	BK



Sample Information

Client Sample ID: Liquid from GT1

York Sample ID: 15J0585-07

York Project (SDG) No.
15J0585

Client Project ID
15004

Matrix
Liquid

Collection Date/Time
October 14, 2015 3:00 pm

Date Received
10/14/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:34	10/17/2015 03:44	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:34	10/17/2015 03:44	BK
75-01-4	Vinyl Chloride	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:34	10/17/2015 03:44	BK
1330-20-7	Xylenes, Total	ND		ug/kg wet	3800000	7500000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/16/2015 16:34	10/17/2015 03:44	BK
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	105 %		77-125							
2037-26-5	Surrogate: Toluene-d8	97.0 %		85-120							
460-00-4	Surrogate: p-Bromofluorobenzene	101 %		76-130							

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes: Rep-04

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		mg/L	120	250	50000	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 08:11	10/21/2015 13:22	BK
107-06-2	1,2-Dichloroethane	ND		mg/L	120	250	50000	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 08:11	10/21/2015 13:22	BK
106-46-7	1,4-Dichlorobenzene	ND		mg/L	120	250	50000	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 08:11	10/21/2015 13:22	BK
78-93-3	2-Butanone	ND		mg/L	120	250	50000	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 08:11	10/21/2015 13:22	BK
71-43-2	Benzene	ND		mg/L	120	250	50000	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 08:11	10/21/2015 13:22	BK
56-23-5	Carbon tetrachloride	ND		mg/L	120	250	50000	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 08:11	10/21/2015 13:22	BK
108-90-7	Chlorobenzene	ND		mg/L	120	250	50000	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 08:11	10/21/2015 13:22	BK
67-66-3	Chloroform	ND		mg/L	120	250	50000	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 08:11	10/21/2015 13:22	BK
127-18-4	Tetrachloroethylene	ND		mg/L	120	250	50000	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 08:11	10/21/2015 13:22	BK
79-01-6	Trichloroethylene	ND		mg/L	120	250	50000	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 08:11	10/21/2015 13:22	BK
75-01-4	Vinyl Chloride	ND		mg/L	120	250	50000	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 08:11	10/21/2015 13:22	BK
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	109 %		65-135							
460-00-4	Surrogate: p-Bromofluorobenzene	110 %		81-114							
2037-26-5	Surrogate: Toluene-d8	105 %		86-118							

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: Liquid from GT1

York Sample ID: 15J0585-07

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
15J0585	15004	Liquid	October 14, 2015 3:00 pm	10/14/2015

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/kg wet	307000	613000	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/19/2015 07:03	10/19/2015 19:29	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg wet	613000	1220000	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/19/2015 07:03	10/19/2015 19:29	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg wet	307000	613000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 19:29	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg wet	307000	613000	50	EPA 8270D Certifications: NELAC-NY10854	10/19/2015 07:03	10/19/2015 19:29	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg wet	307000	613000	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/19/2015 07:03	10/19/2015 19:29	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg wet	307000	613000	50	EPA 8270D Certifications: NELAC-NY10854	10/19/2015 07:03	10/19/2015 19:29	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg wet	307000	613000	50	EPA 8270D Certifications: NELAC-NY10854	10/19/2015 07:03	10/19/2015 19:29	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg wet	613000	1220000	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/19/2015 07:03	10/19/2015 19:29	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg wet	307000	613000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 07:03	10/19/2015 19:29	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg wet	307000	613000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 19:29	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg wet	307000	613000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 19:29	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg wet	307000	613000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 19:29	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg wet	613000	1220000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 19:29	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg wet	307000	613000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 19:29	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg wet	307000	613000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 19:29	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg wet	307000	613000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 19:29	SR
95-57-8	2-Chlorophenol	ND		ug/kg wet	307000	613000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 19:29	SR
91-57-6	2-Methylnaphthalene	657000		ug/kg wet	307000	613000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 07:03	10/19/2015 21:07	SR
95-48-7	2-Methylphenol	ND		ug/kg wet	307000	613000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 19:29	SR
88-74-4	2-Nitroaniline	ND		ug/kg wet	613000	1220000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 19:29	SR
88-75-5	2-Nitrophenol	ND		ug/kg wet	307000	613000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 19:29	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg wet	307000	613000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 07:03	10/19/2015 19:29	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg wet	307000	613000	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 19:29	SR
99-09-2	3-Nitroaniline	ND		ug/kg wet	613000	1220000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 19:29	SR



Sample Information

Client Sample ID: Liquid from GT1

York Sample ID: 15J0585-07

York Project (SDG) No.
15J0585

Client Project ID
15004

Matrix
Liquid

Collection Date/Time
October 14, 2015 3:00 pm

Date Received
10/14/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg wet	613000	1220000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP	10/19/2015 19:29	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg wet	307000	613000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 19:29	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg wet	307000	613000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 19:29	SR
106-47-8	4-Chloroaniline	ND		ug/kg wet	307000	613000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 19:29	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg wet	307000	613000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 19:29	SR
100-01-6	4-Nitroaniline	ND		ug/kg wet	613000	1220000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 19:29	SR
100-02-7	4-Nitrophenol	ND		ug/kg wet	613000	1220000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 19:29	SR
83-32-9	Acenaphthene	ND		ug/kg wet	307000	613000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 19:29	SR
208-96-8	Acenaphthylene	ND		ug/kg wet	307000	613000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 19:29	SR
98-86-2	Acetophenone	ND		ug/kg wet	307000	613000	50	EPA 8270D Certifications:	10/19/2015 07:03 NELAC-NY10854,NJDEP	10/19/2015 19:29	SR
62-53-3	Aniline	ND		ug/kg wet	1230000	2460000	50	EPA 8270D Certifications:	10/19/2015 07:03 NELAC-NY10854,NJDEP,PADEP	10/19/2015 19:29	SR
120-12-7	Anthracene	ND		ug/kg wet	307000	613000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 19:29	SR
1912-24-9	Atrazine	ND		ug/kg wet	307000	613000	50	EPA 8270D Certifications:	10/19/2015 07:03 NELAC-NY10854,NJDEP	10/19/2015 19:29	SR
100-52-7	Benzaldehyde	ND		ug/kg wet	307000	613000	50	EPA 8270D Certifications:	10/19/2015 07:03 NELAC-NY10854,NJDEP	10/19/2015 19:29	SR
92-87-5	Benzidine	ND		ug/kg wet	1230000	2460000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854	10/19/2015 19:29	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg wet	307000	613000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 19:29	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg wet	307000	613000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 19:29	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg wet	307000	613000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 19:29	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg wet	307000	613000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 19:29	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg wet	307000	613000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 19:29	SR
65-85-0	Benzoic acid	ND		ug/kg wet	307000	613000	50	EPA 8270D Certifications:	10/19/2015 07:03 NELAC-NY10854,NJDEP	10/19/2015 19:29	SR
100-51-6	Benzyl alcohol	ND		ug/kg wet	307000	613000	50	EPA 8270D Certifications:	10/19/2015 07:03 NELAC-NY10854,NJDEP,PADEP	10/19/2015 19:29	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg wet	307000	613000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 19:29	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg wet	307000	613000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 19:29	SR



Sample Information

Client Sample ID: Liquid from GT1

York Sample ID: 15J0585-07

York Project (SDG) No.
15J0585

Client Project ID
15004

Matrix
Liquid

Collection Date/Time
October 14, 2015 3:00 pm

Date Received
10/14/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg wet	307000	613000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 19:29	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg wet	307000	613000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 19:29	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg wet	307000	613000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 19:29	SR
105-60-2	Caprolactam	ND		ug/kg wet	613000	1220000	50	EPA 8270D Certifications:	10/19/2015 07:03 NELAC-NY10854,NJDEP	10/19/2015 19:29	SR
86-74-8	Carbazole	ND		ug/kg wet	307000	613000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 19:29	SR
218-01-9	Chrysene	ND		ug/kg wet	307000	613000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 19:29	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg wet	307000	613000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 19:29	SR
132-64-9	Dibenzofuran	ND		ug/kg wet	307000	613000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP	10/19/2015 19:29	SR
84-66-2	Diethyl phthalate	ND		ug/kg wet	307000	613000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 19:29	SR
131-11-3	Dimethyl phthalate	ND		ug/kg wet	307000	613000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 19:29	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg wet	307000	613000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 19:29	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg wet	307000	613000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 19:29	SR
206-44-0	Fluoranthene	ND		ug/kg wet	307000	613000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 19:29	SR
86-73-7	Fluorene	ND		ug/kg wet	307000	613000	50	EPA 8270D Certifications:	10/19/2015 07:03 NELAC-NY10854,NJDEP,PADEP	10/19/2015 19:29	SR
118-74-1	Hexachlorobenzene	ND		ug/kg wet	307000	613000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 19:29	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg wet	307000	613000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 19:29	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg wet	307000	613000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 19:29	SR
67-72-1	Hexachloroethane	ND		ug/kg wet	307000	613000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 19:29	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg wet	307000	613000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 19:29	SR
78-59-1	Isophorone	ND		ug/kg wet	307000	613000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 19:29	SR
91-20-3	Naphthalene	971000		ug/kg wet	307000	613000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP	10/19/2015 21:07	SR
98-95-3	Nitrobenzene	456000	J	ug/kg wet	307000	613000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 19:29	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg wet	307000	613000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP	10/19/2015 19:29	SR



Sample Information

Client Sample ID: Liquid from GT1

York Sample ID: 15J0585-07

York Project (SDG) No.

15J0585

Client Project ID

15004

Matrix

Liquid

Collection Date/Time

October 14, 2015 3:00 pm

Date Received

10/14/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg wet	307000	613000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 19:29	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg wet	307000	613000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 07:03	10/19/2015 19:29	SR
87-86-5	Pentachlorophenol	ND		ug/kg wet	307000	613000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 07:03	10/19/2015 19:29	SR
85-01-8	Phenanthrene	ND		ug/kg wet	307000	613000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 19:29	SR
108-95-2	Phenol	ND		ug/kg wet	307000	613000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 19:29	SR
129-00-0	Pyrene	ND		ug/kg wet	307000	613000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 19:29	SR
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: 2-Fluorophenol	%	S-01								
4165-62-2	Surrogate: Phenol-d5	5.33 %	S-01								
4165-60-0	Surrogate: Nitrobenzene-d5	21.9 %	S-01								
321-60-8	Surrogate: 2-Fluorobiphenyl	%	S-01								
118-79-6	Surrogate: 2,4,6-Tribromophenol	%	S-01								
1718-51-0	Surrogate: Terphenyl-d14	3.98 %	S-01								

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	1610000	2500000	50	EPA 8270D/1311 Certifications: NELAC-NY10854	10/19/2015 14:48	10/19/2015 21:07	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	1800000	2500000	50	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 14:48	10/19/2015 21:07	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	1640000	2500000	50	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 14:48	10/19/2015 21:07	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	1180000	2500000	50	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 14:48	10/19/2015 21:07	SR
95-48-7	2-Methylphenol	ND		ug/L	429000	2500000	50	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 14:48	10/19/2015 21:07	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	1860000	5000000	50	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 14:48	10/19/2015 21:07	SR
1319-77-3	Cresols, total	ND		ug/L	1850000	7500000	50	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854	10/19/2015 14:48	10/19/2015 21:07	SR
118-74-1	Hexachlorobenzene	ND		ug/L	1480000	2500000	50	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 14:48	10/19/2015 21:07	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	1650000	2500000	50	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 14:48	10/19/2015 21:07	SR
67-72-1	Hexachloroethane	ND		ug/L	1810000	2500000	50	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 14:48	10/19/2015 21:07	SR
98-95-3	Nitrobenzene	ND		ug/L	983000	2500000	50	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 14:48	10/19/2015 21:07	SR



Sample Information

Client Sample ID: Liquid from GT1

York Sample ID: 15J0585-07

York Project (SDG) No.
15J0585

Client Project ID
15004

Matrix
Liquid

Collection Date/Time
October 14, 2015 3:00 pm

Date Received
10/14/2015

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		ug/L	1880000	2500000	50	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 14:48	10/19/2015 21:07	SR
110-86-1	Pyridine	ND		ug/L	1590000	2500000	50	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 14:48	10/19/2015 21:07	SR
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: 2-Fluorophenol		S-01		10-65						
4165-62-2	Surrogate: Phenol-d5		S-01		10-49						
4165-60-0	Surrogate: Nitrobenzene-d5		S-01		10-96						
321-60-8	Surrogate: 2-Fluorobiphenyl		S-01		10-93						
118-79-6	Surrogate: 2,4,6-Tribromophenol		S-01		10-128						
1718-51-0	Surrogate: Terphenyl-d14		S-01		10-100						

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg wet	4.90	4.90	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/19/2015 07:01	10/19/2015 16:26	AMC
11104-28-2	Aroclor 1221	ND		mg/kg wet	4.90	4.90	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/19/2015 07:01	10/19/2015 16:26	AMC
11141-16-5	Aroclor 1232	ND		mg/kg wet	4.90	4.90	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/19/2015 07:01	10/19/2015 16:26	AMC
53469-21-9	Aroclor 1242	ND		mg/kg wet	4.90	4.90	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/19/2015 07:01	10/19/2015 16:26	AMC
12672-29-6	Aroclor 1248	ND		mg/kg wet	4.90	4.90	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/19/2015 07:01	10/19/2015 16:26	AMC
11097-69-1	Aroclor 1254	ND		mg/kg wet	4.90	4.90	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/19/2015 07:01	10/19/2015 16:26	AMC
11096-82-5	Aroclor 1260	ND		mg/kg wet	4.90	4.90	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/19/2015 07:01	10/19/2015 16:26	AMC
1336-36-3	* Total PCBs	ND		mg/kg wet	4.90	4.90	1	EPA 8082A Certifications:	10/19/2015 07:01	10/19/2015 16:26	AMC
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	81.6 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	68.1 %			30-140						

Alcohols, C1-C3 Targets

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-56-1	* Methanol	9.09		mg/kg wet	2.00	2.00	1	EPA 8015D m Certifications:	10/16/2015 17:25	10/20/2015 12:12	RB



Sample Information

Client Sample ID: Liquid from GT1

York Sample ID: 15J0585-07

York Project (SDG) No.

15J0585

Client Project ID

15004

Matrix

Liquid

Collection Date/Time

October 14, 2015 3:00 pm

Date Received

10/14/2015

Glycols, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-21-1	* Ethylene Glycol	ND		mg/kg wet	2500	2500	10	GC/FID Certifications:	10/15/2015 17:22	10/16/2015 10:38	RB

Beryllium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	Beryllium	ND		mg/kg wet	1.00	1.00	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 15:24	10/19/2015 17:59	ALD

Copper by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	ND		mg/kg wet	5.00	5.00	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 15:24	10/19/2015 17:59	ALD

Copper, TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	0.0864		mg/L	0.0300	0.0300	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 15:33	10/19/2015 23:40	ALD

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/kg wet	10.0	10.0	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 15:24	10/19/2015 17:59	ALD
7440-39-3	Barium	ND		mg/kg wet	10.0	10.0	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 15:24	10/19/2015 17:59	ALD
7440-43-9	Cadmium	ND		mg/kg wet	3.00	3.00	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 15:24	10/19/2015 17:59	ALD
7440-47-3	Chromium	ND		mg/kg wet	5.00	5.00	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 15:24	10/19/2015 17:59	ALD
7439-92-1	Lead	ND		mg/kg wet	3.00	3.00	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 15:24	10/19/2015 17:59	ALD
7782-49-2	Selenium	ND		mg/kg wet	10.0	10.0	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 15:24	10/19/2015 17:59	ALD
7440-22-4	Silver	ND		mg/kg wet	5.00	5.00	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 15:24	10/19/2015 17:59	ALD

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

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



Sample Information

Client Sample ID: Liquid from GT1

York Sample ID: 15J0585-07

York Project (SDG) No.
15J0585

Client Project ID
15004

Matrix
Liquid

Collection Date/Time
October 14, 2015 3:00 pm

Date Received
10/14/2015

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.040	0.040	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 15:33	10/19/2015 23:40	ALD
7440-39-3	Barium	ND		mg/L	0.100	0.100	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 15:33	10/19/2015 23:40	ALD
7440-43-9	Cadmium	ND		mg/L	0.030	0.030	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 15:33	10/19/2015 23:40	ALD
7440-47-3	Chromium	ND		mg/L	0.050	0.050	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 15:33	10/19/2015 23:40	ALD
7439-92-1	Lead	ND		mg/L	0.030	0.030	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 15:33	10/19/2015 23:40	ALD
7782-49-2	Selenium	ND	M-SeT C	mg/L	0.100	0.100	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 15:33	10/19/2015 23:40	ALD
7440-22-4	Silver	ND		mg/L	0.050	0.050	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 15:33	10/19/2015 23:40	ALD

Nickel by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	ND		mg/kg wet	5.00	5.00	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 15:24	10/19/2015 17:59	ALD

Nickel, TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	ND		mg/L	0.0500	0.0500	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 15:33	10/19/2015 23:40	ALD

Vanadium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-62-2	Vanadium	ND		mg/kg wet	10.0	10.0	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 15:24	10/19/2015 17:59	ALD

Zinc by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	ND		mg/kg wet	10.0	10.0	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 15:24	10/19/2015 17:59	ALD

Zinc, TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

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



Sample Information

Client Sample ID: Liquid from GT1

York Sample ID: 15J0585-07

York Project (SDG) No.

15J0585

Client Project ID

15004

Matrix

Liquid

Collection Date/Time

October 14, 2015 3:00 pm

Date Received

10/14/2015

Zinc, TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	0.337		mg/L	0.100	0.100	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 15:33	10/19/2015 23:40	ALD

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg wet	0.0330	0.0330	1	EPA 7471B Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	10/16/2015 16:32	10/16/2015 17:00	AA

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311 Certifications: CTDOH,NJDEP,PADEP,NELAC-NY10854	10/16/2015 12:12	10/16/2015 13:00	AA

Ignitability

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Ignitability	Non-Ignit.		-	1	1	1	EPA 1030P Certifications: CTDOH,PADEP	10/20/2015 12:41	10/20/2015 15:12	AA

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg wet	0.350	0.500	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854	10/19/2015 07:44	10/20/2015 12:55	SC

Corrosivity

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	5.48	HT-pH	pH units		0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP	10/14/2015 19:57	10/16/2015 16:58	CLS

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg wet	1.00	1.00	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP	10/19/2015 08:22	10/19/2015 15:52	AD



Sample Information

Client Sample ID: Liquid from GT1

York Sample ID: 15J0585-07

York Project (SDG) No.

15J0585

Client Project ID

15004

Matrix

Liquid

Collection Date/Time

October 14, 2015 3:00 pm

Date Received

10/14/2015

Reactivity-Cyanide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Cyanide	ND		mg/kg	0.250	0.250	1	EPA SW-846 Ch.7.3.3 Certifications: CTDOH,PADEP	10/20/2015 08:11	10/20/2015 14:27	AD

Reactivity-Sulfide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Sulfide	ND		mg/kg	15.0	15.0	1	EPA SW-846 Ch.7.3.4 Certifications: CTDOH,PADEP	10/20/2015 08:13	10/20/2015 14:27	AD

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/14/2015 18:30	10/16/2015 16:57	CLS

TCLP Extraction for SVOCS/PEST/HERB

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/14/2015 18:53	10/16/2015 16:58	CLS

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		%	1.00	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/14/2015 18:56	10/16/2015 16:58	CLS

Sample Information

Client Sample ID: Liquid from GT2

York Sample ID: 15J0585-08

York Project (SDG) No.

15J0585

Client Project ID

15004

Matrix

Liquid

Collection Date/Time

October 14, 2015 3:00 pm

Date Received

10/14/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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/kg wet	1200000	2500000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/16/2015 16:34	10/17/2015 04:20	BK



Sample Information

Client Sample ID: Liquid from GT2

York Sample ID: 15J0585-08

York Project (SDG) No.

15J0585

Client Project ID

15004

Matrix

Liquid

Collection Date/Time

October 14, 2015 3:00 pm

Date Received

10/14/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2015 04:20	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2015 04:20	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP	10/17/2015 04:20	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2015 04:20	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2015 04:20	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2015 04:20	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 NELAC-NY10854,NJDEP	10/17/2015 04:20	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 NELAC-NY10854,NJDEP	10/17/2015 04:20	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 NELAC-NY10854,NJDEP	10/17/2015 04:20	BK
95-63-6	1,2,4-Trimethylbenzene	54000000		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP	10/17/2015 04:20	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP	10/17/2015 04:20	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP	10/17/2015 04:20	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2015 04:20	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2015 04:20	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP	10/17/2015 04:20	BK
108-67-8	1,3,5-Trimethylbenzene	22000000		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP	10/17/2015 04:20	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2015 04:20	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2015 04:20	BK
123-91-1	1,4-Dioxane	ND		ug/kg wet	25000000	50000000	100000	EPA 8260C Certifications:	10/16/2015 16:34 NELAC-NY10854,NJDEP	10/17/2015 04:20	BK
78-93-3	2-Butanone	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP	10/17/2015 04:20	BK
591-78-6	2-Hexanone	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP	10/17/2015 04:20	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP	10/17/2015 04:20	BK
67-64-1	Acetone	ND	SCAL- E	ug/kg wet	2500000	5000000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP	10/17/2015 04:20	BK



Sample Information

Client Sample ID: Liquid from GT2

York Sample ID: 15J0585-08

York Project (SDG) No.
15J0585

Client Project ID
15004

Matrix
Liquid

Collection Date/Time
October 14, 2015 3:00 pm

Date Received
10/14/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND		ug/kg wet	2500000	5000000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP	10/17/2015 04:20	BK
107-13-1	Acrylonitrile	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP	10/17/2015 04:20	BK
71-43-2	Benzene	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2015 04:20	BK
74-97-5	Bromochloromethane	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 NELAC-NY10854,NJDEP	10/17/2015 04:20	BK
75-27-4	Bromodichloromethane	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2015 04:20	BK
75-25-2	Bromoform	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2015 04:20	BK
74-83-9	Bromomethane	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2015 04:20	BK
75-15-0	Carbon disulfide	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP	10/17/2015 04:20	BK
56-23-5	Carbon tetrachloride	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2015 04:20	BK
108-90-7	Chlorobenzene	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2015 04:20	BK
75-00-3	Chloroethane	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2015 04:20	BK
67-66-3	Chloroform	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2015 04:20	BK
74-87-3	Chloromethane	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2015 04:20	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP	10/17/2015 04:20	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2015 04:20	BK
110-82-7	Cyclohexane	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 NELAC-NY10854,NJDEP	10/17/2015 04:20	BK
124-48-1	Dibromochloromethane	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 NELAC-NY10854,NJDEP,PADEP	10/17/2015 04:20	BK
74-95-3	Dibromomethane	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 NELAC-NY10854,NJDEP	10/17/2015 04:20	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 NELAC-NY10854,NJDEP	10/17/2015 04:20	BK
100-41-4	Ethyl Benzene	5500000		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2015 04:20	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 NELAC-NY10854,NJDEP	10/17/2015 04:20	BK
98-82-8	Isopropylbenzene	2800000		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP	10/17/2015 04:20	BK
79-20-9	Methyl acetate	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 NELAC-NY10854,NJDEP	10/17/2015 04:20	BK



Sample Information

Client Sample ID: Liquid from GT2

York Sample ID: 15J0585-08

York Project (SDG) No.
15J0585

Client Project ID
15004

Matrix
Liquid

Collection Date/Time
October 14, 2015 3:00 pm

Date Received
10/14/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP	10/17/2015 04:20	BK
108-87-2	Methylcyclohexane	1400000	J	ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 NELAC-NY10854,NJDEP	10/17/2015 04:20	BK
75-09-2	Methylene chloride	ND		ug/kg wet	2500000	5000000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2015 04:20	BK
104-51-8	n-Butylbenzene	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP	10/17/2015 04:20	BK
103-65-1	n-Propylbenzene	6900000		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP	10/17/2015 04:20	BK
95-47-6	o-Xylene	13000000		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854	10/17/2015 04:20	BK
179601-23-1	p- & m- Xylenes	26000000		ug/kg wet	2500000	5000000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854	10/17/2015 04:20	BK
99-87-6	p-Isopropyltoluene	4400000		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP	10/17/2015 04:20	BK
135-98-8	sec-Butylbenzene	3800000		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP	10/17/2015 04:20	BK
100-42-5	Styrene	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP	10/17/2015 04:20	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 NELAC-NY10854,NJDEP	10/17/2015 04:20	BK
98-06-6	tert-Butylbenzene	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP	10/17/2015 04:20	BK
127-18-4	Tetrachloroethylene	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2015 04:20	BK
108-88-3	Toluene	1900000	J	ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2015 04:20	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP	10/17/2015 04:20	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2015 04:20	BK
79-01-6	Trichloroethylene	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2015 04:20	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2015 04:20	BK
75-01-4	Vinyl Chloride	ND		ug/kg wet	1200000	2500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2015 04:20	BK
1330-20-7	Xylenes, Total	39000000		ug/kg wet	3800000	7500000	100000	EPA 8260C Certifications:	10/16/2015 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2015 04:20	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	106 %	77-125								
2037-26-5	Surrogate: Toluene-d8	95.2 %	85-120								
460-00-4	Surrogate: p-Bromofluorobenzene	102 %	76-130								



Sample Information

Client Sample ID: Liquid from GT2

York Sample ID: 15J0585-08

York Project (SDG) No.
15J0585

Client Project ID
15004

Matrix
Liquid

Collection Date/Time
October 14, 2015 3:00 pm

Date Received
10/14/2015

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes: Rep-04

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND	Rep-04	mg/L	250	500	100000	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 08:11	10/21/2015 14:02	BK
107-06-2	1,2-Dichloroethane	ND		mg/L	250	500	100000	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 08:11	10/21/2015 14:02	BK
106-46-7	1,4-Dichlorobenzene	ND		mg/L	250	500	100000	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 08:11	10/21/2015 14:02	BK
78-93-3	2-Butanone	ND		mg/L	250	500	100000	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 08:11	10/21/2015 14:02	BK
71-43-2	Benzene	ND		mg/L	250	500	100000	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 08:11	10/21/2015 14:02	BK
56-23-5	Carbon tetrachloride	ND		mg/L	250	500	100000	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 08:11	10/21/2015 14:02	BK
108-90-7	Chlorobenzene	ND		mg/L	250	500	100000	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 08:11	10/21/2015 14:02	BK
67-66-3	Chloroform	ND		mg/L	250	500	100000	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 08:11	10/21/2015 14:02	BK
127-18-4	Tetrachloroethylene	ND		mg/L	250	500	100000	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 08:11	10/21/2015 14:02	BK
79-01-6	Trichloroethylene	ND		mg/L	250	500	100000	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 08:11	10/21/2015 14:02	BK
75-01-4	Vinyl Chloride	ND		mg/L	250	500	100000	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2015 08:11	10/21/2015 14:02	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	100 %	65-135								
460-00-4	Surrogate: p-Bromofluorobenzene	99.0 %	81-114								
2037-26-5	Surrogate: Toluene-d8	103 %	86-118								

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/kg wet	308000	614000	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/19/2015 07:03	10/19/2015 20:02	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg wet	614000	1230000	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/19/2015 07:03	10/19/2015 20:02	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg wet	308000	614000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 20:02	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg wet	308000	614000	50	EPA 8270D Certifications: NELAC-NY10854	10/19/2015 07:03	10/19/2015 20:02	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg wet	308000	614000	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/19/2015 07:03	10/19/2015 20:02	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg wet	308000	614000	50	EPA 8270D Certifications: NELAC-NY10854	10/19/2015 07:03	10/19/2015 20:02	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg wet	308000	614000	50	EPA 8270D Certifications: NELAC-NY10854	10/19/2015 07:03	10/19/2015 20:02	SR



Sample Information

Client Sample ID: Liquid from GT2

York Sample ID: 15J0585-08

York Project (SDG) No.

15J0585

Client Project ID

15004

Matrix

Liquid

Collection Date/Time

October 14, 2015 3:00 pm

Date Received

10/14/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg wet	614000	1230000	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/19/2015 07:03	10/19/2015 20:02	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg wet	308000	614000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 07:03	10/19/2015 20:02	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg wet	308000	614000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 20:02	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg wet	308000	614000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 20:02	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg wet	308000	614000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 20:02	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg wet	614000	1230000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 20:02	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg wet	308000	614000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 20:02	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg wet	308000	614000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 20:02	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg wet	308000	614000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 20:02	SR
95-57-8	2-Chlorophenol	ND		ug/kg wet	308000	614000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 20:02	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg wet	308000	614000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 07:03	10/19/2015 20:02	SR
95-48-7	2-Methylphenol	ND		ug/kg wet	308000	614000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 20:02	SR
88-74-4	2-Nitroaniline	ND		ug/kg wet	614000	1230000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 20:02	SR
88-75-5	2-Nitrophenol	ND		ug/kg wet	308000	614000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 20:02	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg wet	308000	614000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 07:03	10/19/2015 20:02	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg wet	308000	614000	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 20:02	SR
99-09-2	3-Nitroaniline	ND		ug/kg wet	614000	1230000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 20:02	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg wet	614000	1230000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 07:03	10/19/2015 20:02	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg wet	308000	614000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 20:02	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg wet	308000	614000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 20:02	SR
106-47-8	4-Chloroaniline	ND		ug/kg wet	308000	614000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 20:02	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg wet	308000	614000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 20:02	SR
100-01-6	4-Nitroaniline	ND		ug/kg wet	614000	1230000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 20:02	SR
100-02-7	4-Nitrophenol	ND		ug/kg wet	614000	1230000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 20:02	SR



Sample Information

Client Sample ID: Liquid from GT2

York Sample ID: 15J0585-08

York Project (SDG) No.
15J0585

Client Project ID
15004

Matrix
Liquid

Collection Date/Time
October 14, 2015 3:00 pm

Date Received
10/14/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg wet	308000	614000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 20:02	SR
208-96-8	Acenaphthylene	ND		ug/kg wet	308000	614000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 20:02	SR
98-86-2	Acetophenone	ND		ug/kg wet	308000	614000	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/19/2015 07:03	10/19/2015 20:02	SR
62-53-3	Aniline	ND		ug/kg wet	1230000	2460000	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 20:02	SR
120-12-7	Anthracene	ND		ug/kg wet	308000	614000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 20:02	SR
1912-24-9	Atrazine	ND		ug/kg wet	308000	614000	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/19/2015 07:03	10/19/2015 20:02	SR
100-52-7	Benzaldehyde	ND		ug/kg wet	308000	614000	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/19/2015 07:03	10/19/2015 20:02	SR
92-87-5	Benzidine	ND		ug/kg wet	1230000	2460000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854	10/19/2015 07:03	10/19/2015 20:02	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg wet	308000	614000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 20:02	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg wet	308000	614000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 20:02	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg wet	308000	614000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 20:02	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg wet	308000	614000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 20:02	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg wet	308000	614000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 20:02	SR
65-85-0	Benzoic acid	ND		ug/kg wet	308000	614000	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/19/2015 07:03	10/19/2015 20:02	SR
100-51-6	Benzyl alcohol	ND		ug/kg wet	308000	614000	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 20:02	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg wet	308000	614000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 20:02	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg wet	308000	614000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 20:02	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg wet	308000	614000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 20:02	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg wet	308000	614000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 20:02	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg wet	308000	614000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 20:02	SR
105-60-2	Caprolactam	ND		ug/kg wet	614000	1230000	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP	10/19/2015 07:03	10/19/2015 20:02	SR
86-74-8	Carbazole	ND		ug/kg wet	308000	614000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 20:02	SR
218-01-9	Chrysene	ND		ug/kg wet	308000	614000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 20:02	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg wet	308000	614000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 07:03	10/19/2015 20:02	SR



Sample Information

Client Sample ID: Liquid from GT2

York Sample ID: 15J0585-08

York Project (SDG) No.
15J0585

Client Project ID
15004

Matrix
Liquid

Collection Date/Time
October 14, 2015 3:00 pm

Date Received
10/14/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
132-64-9	Dibenzofuran	ND		ug/kg wet	308000	614000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP	10/19/2015 20:02	SR
84-66-2	Diethyl phthalate	ND		ug/kg wet	308000	614000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 20:02	SR
131-11-3	Dimethyl phthalate	ND		ug/kg wet	308000	614000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 20:02	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg wet	308000	614000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 20:02	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg wet	308000	614000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 20:02	SR
206-44-0	Fluoranthene	ND		ug/kg wet	308000	614000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 20:02	SR
86-73-7	Fluorene	ND		ug/kg wet	308000	614000	50	EPA 8270D Certifications:	10/19/2015 07:03 NELAC-NY10854,NJDEP,PADEP	10/19/2015 20:02	SR
118-74-1	Hexachlorobenzene	ND		ug/kg wet	308000	614000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 20:02	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg wet	308000	614000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 20:02	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg wet	308000	614000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 20:02	SR
67-72-1	Hexachloroethane	ND		ug/kg wet	308000	614000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 20:02	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg wet	308000	614000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 20:02	SR
78-59-1	Isophorone	ND		ug/kg wet	308000	614000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 20:02	SR
91-20-3	Naphthalene	672000		ug/kg wet	308000	614000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP	10/19/2015 21:40	SR
98-95-3	Nitrobenzene	ND		ug/kg wet	308000	614000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 20:02	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg wet	308000	614000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP	10/19/2015 20:02	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg wet	308000	614000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 20:02	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg wet	308000	614000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP	10/19/2015 20:02	SR
87-86-5	Pentachlorophenol	ND		ug/kg wet	308000	614000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 20:02	SR
85-01-8	Phenanthrene	ND		ug/kg wet	308000	614000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 20:02	SR
108-95-2	Phenol	ND		ug/kg wet	308000	614000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 20:02	SR
129-00-0	Pyrene	ND		ug/kg wet	308000	614000	50	EPA 8270D Certifications:	10/19/2015 07:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 20:02	SR
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: 2-Fluorophenol	%	S-01	10-95							
4165-62-2	Surrogate: Phenol-d5	6.00 %	S-01	10-107							



Sample Information

Client Sample ID: Liquid from GT2

York Sample ID: 15J0585-08

York Project (SDG) No.

15J0585

Client Project ID

15004

Matrix

Liquid

Collection Date/Time

October 14, 2015 3:00 pm

Date Received

10/14/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	Surrogate: Nitrobenzene-d5	26.9 %	S-01		10-95						
321-60-8	Surrogate: 2-Fluorobiphenyl	%	S-01		10-97						
118-79-6	Surrogate: 2,4,6-Tribromophenol	%	S-01		10-103						
1718-51-0	Surrogate: Terphenyl-d14	2.99 %	S-01		19-99						

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	1610000	2500000	50	EPA 8270D/1311 Certifications: NELAC-NY10854	10/19/2015 14:48	10/19/2015 21:40	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	1800000	2500000	50	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 14:48	10/19/2015 21:40	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	1640000	2500000	50	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 14:48	10/19/2015 21:40	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	1180000	2500000	50	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 14:48	10/19/2015 21:40	SR
95-48-7	2-Methylphenol	ND		ug/L	429000	2500000	50	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 14:48	10/19/2015 21:40	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	1860000	5000000	50	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 14:48	10/19/2015 21:40	SR
1319-77-3	Cresols, total	ND		ug/L	1850000	7500000	50	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854	10/19/2015 14:48	10/19/2015 21:40	SR
118-74-1	Hexachlorobenzene	ND		ug/L	1480000	2500000	50	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 14:48	10/19/2015 21:40	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	1650000	2500000	50	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 14:48	10/19/2015 21:40	SR
67-72-1	Hexachloroethane	ND		ug/L	1810000	2500000	50	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 14:48	10/19/2015 21:40	SR
98-95-3	Nitrobenzene	ND		ug/L	983000	2500000	50	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 14:48	10/19/2015 21:40	SR
87-86-5	Pentachlorophenol	ND		ug/L	1880000	2500000	50	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 14:48	10/19/2015 21:40	SR
110-86-1	Pyridine	ND		ug/L	1590000	2500000	50	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 14:48	10/19/2015 21:40	SR

Surrogate Recoveries		Result	Acceptance Range
367-12-4	Surrogate: 2-Fluorophenol	S-01	10-65
4165-62-2	Surrogate: Phenol-d5	S-01	10-49
4165-60-0	Surrogate: Nitrobenzene-d5	S-01	10-96
321-60-8	Surrogate: 2-Fluorobiphenyl	S-01	10-93
118-79-6	Surrogate: 2,4,6-Tribromophenol	S-01	10-128
1718-51-0	Surrogate: Terphenyl-d14	S-01	10-100

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: Liquid from GT2

York Sample ID: 15J0585-08

York Project (SDG) No.
15J0585

Client Project ID
15004

Matrix
Liquid

Collection Date/Time
October 14, 2015 3:00 pm

Date Received
10/14/2015

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg wet	4.97	4.97	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/19/2015 07:01	10/19/2015 16:45	AMC
11104-28-2	Aroclor 1221	ND		mg/kg wet	4.97	4.97	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/19/2015 07:01	10/19/2015 16:45	AMC
11141-16-5	Aroclor 1232	ND		mg/kg wet	4.97	4.97	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/19/2015 07:01	10/19/2015 16:45	AMC
53469-21-9	Aroclor 1242	ND		mg/kg wet	4.97	4.97	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/19/2015 07:01	10/19/2015 16:45	AMC
12672-29-6	Aroclor 1248	ND		mg/kg wet	4.97	4.97	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/19/2015 07:01	10/19/2015 16:45	AMC
11097-69-1	Aroclor 1254	ND		mg/kg wet	4.97	4.97	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/19/2015 07:01	10/19/2015 16:45	AMC
11096-82-5	Aroclor 1260	ND		mg/kg wet	4.97	4.97	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/19/2015 07:01	10/19/2015 16:45	AMC
1336-36-3	* Total PCBs	ND		mg/kg wet	4.97	4.97	1	EPA 8082A Certifications:	10/19/2015 07:01	10/19/2015 16:45	AMC
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	49.3 %	30-140								
2051-24-3	Surrogate: Decachlorobiphenyl	53.1 %	30-140								

Alcohols, C1-C3 Targets

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-56-1	* Methanol	10.4		mg/kg wet	2.00	2.00	1	EPA 8015D m Certifications:	10/16/2015 17:25	10/20/2015 12:41	RB

Glycols, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-21-1	* Ethylene Glycol	ND		mg/kg wet	2500	2500	10	GC/FID Certifications:	10/15/2015 17:22	10/16/2015 10:59	RB

Beryllium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	Beryllium	ND		mg/kg wet	1.00	1.00	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 15:24	10/19/2015 18:04	ALD

Copper by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

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



Sample Information

Client Sample ID: Liquid from GT2

York Sample ID: 15J0585-08

York Project (SDG) No.
15J0585

Client Project ID
15004

Matrix
Liquid

Collection Date/Time
October 14, 2015 3:00 pm

Date Received
10/14/2015

Copper by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	ND		mg/kg wet	5.00	5.00	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 15:24	10/19/2015 18:04	ALD

Copper, TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	0.240		mg/L	0.0300	0.0300	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 15:33	10/19/2015 23:58	ALD

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/kg wet	10.0	10.0	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 15:24	10/19/2015 18:04	ALD
7440-39-3	Barium	ND		mg/kg wet	10.0	10.0	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 15:24	10/19/2015 18:04	ALD
7440-43-9	Cadmium	ND		mg/kg wet	3.00	3.00	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 15:24	10/19/2015 18:04	ALD
7440-47-3	Chromium	ND		mg/kg wet	5.00	5.00	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 15:24	10/19/2015 18:04	ALD
7439-92-1	Lead	ND		mg/kg wet	3.00	3.00	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 15:24	10/19/2015 18:04	ALD
7782-49-2	Selenium	ND		mg/kg wet	10.0	10.0	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 15:24	10/19/2015 18:04	ALD
7440-22-4	Silver	ND		mg/kg wet	5.00	5.00	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 15:24	10/19/2015 18:04	ALD

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.040	0.040	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 15:33	10/19/2015 23:58	ALD
7440-39-3	Barium	0.112		mg/L	0.100	0.100	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 15:33	10/19/2015 23:58	ALD
7440-43-9	Cadmium	ND		mg/L	0.030	0.030	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 15:33	10/19/2015 23:58	ALD
7440-47-3	Chromium	ND		mg/L	0.050	0.050	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 15:33	10/19/2015 23:58	ALD
7439-92-1	Lead	ND		mg/L	0.030	0.030	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 15:33	10/19/2015 23:58	ALD
7782-49-2	Selenium	ND	M-SeT C	mg/L	0.100	0.100	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 15:33	10/19/2015 23:58	ALD
7440-22-4	Silver	ND		mg/L	0.050	0.050	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 15:33	10/19/2015 23:58	ALD



Sample Information

Client Sample ID: Liquid from GT2

York Sample ID: 15J0585-08

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Liquid

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October 14, 2015 3:00 pm

Date Received

10/14/2015

Nickel by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	ND		mg/kg wet	5.00	5.00	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 15:24	10/19/2015 18:04	ALD

Nickel, TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	ND		mg/L	0.0500	0.0500	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 15:33	10/19/2015 23:58	ALD

Vanadium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-62-2	Vanadium	ND		mg/kg wet	10.0	10.0	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 15:24	10/19/2015 18:04	ALD

Zinc by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	17.2		mg/kg wet	10.0	10.0	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	10/19/2015 15:24	10/19/2015 18:04	ALD

Zinc, TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	0.531		mg/L	0.100	0.100	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/19/2015 15:33	10/19/2015 23:58	ALD

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg wet	0.0330	0.0330	1	EPA 7471B Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	10/16/2015 16:32	10/16/2015 17:00	AA

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311 Certifications: CTDOH,NJDEP,PADEP,NELAC-NY10854	10/16/2015 12:12	10/16/2015 13:00	AA

Ignitability

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: Liquid from GT2

York Sample ID: 15J0585-08

York Project (SDG) No.

15J0585

Client Project ID

15004

Matrix

Liquid

Collection Date/Time

October 14, 2015 3:00 pm

Date Received

10/14/2015

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Ignitability	Non-Ignit.		-	1	1	1	EPA 1030P Certifications: CTDOH,PADEP	10/20/2015 12:41	10/20/2015 15:12	AA

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg wet	0.350	0.500	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854	10/19/2015 07:44	10/20/2015 12:55	SC

Corrosivity

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	4.02	HT-pH	pH units		0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP	10/14/2015 19:57	10/16/2015 16:58	CLS

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg wet	1.00	1.00	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP	10/19/2015 08:22	10/19/2015 15:52	AD

Reactivity-Cyanide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Cyanide	ND		mg/kg	0.250	0.250	1	EPA SW-846 Ch.7.3.3 Certifications: CTDOH,PADEP	10/20/2015 08:11	10/20/2015 14:27	AD

Reactivity-Sulfide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Sulfide	ND		mg/kg	15.0	15.0	1	EPA SW-846 Ch.7.3.4 Certifications: CTDOH,PADEP	10/20/2015 08:13	10/20/2015 14:27	AD

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/14/2015 18:30	10/16/2015 16:57	CLS

TCLP Extraction for SVOCS/PEST/HERB

Log-in Notes:

Sample Notes: EXT-Temp



Sample Information

Client Sample ID: Liquid from GT2

York Sample ID: 15J0585-08

York Project (SDG) No.

15J0585

Client Project ID

15004

Matrix

Liquid

Collection Date/Time

October 14, 2015 3:00 pm

Date Received

10/14/2015

Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/14/2015 18:53	10/16/2015 16:58	CLS

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		%	1.00	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/14/2015 18:56	10/16/2015 16:58	CLS



Analytical Batch Summary

Batch ID: BJ50722 **Preparation Method:** EPA SW 846-1311 TCLP ext. for met **Prepared By:** CLS

YORK Sample ID	Client Sample ID	Preparation Date
15J0585-01	Liquid from 3A	10/14/15
15J0585-02	Liquid from 4A	10/14/15
15J0585-03	Liquid from 4B	10/14/15
15J0585-04	Liquid from 5A	10/14/15
15J0585-05	Liquid from 5B	10/14/15
15J0585-06	Liquid from 5C	10/14/15
15J0585-07	Liquid from GT1	10/14/15
15J0585-08	Liquid from GT2	10/14/15
BJ50722-BLK1	Blank	10/14/15

Batch ID: BJ50723 **Preparation Method:** EPA SW 846-1311 TCLP extr. for SV **Prepared By:** CLS

YORK Sample ID	Client Sample ID	Preparation Date
15J0585-01	Liquid from 3A	10/14/15
15J0585-02	Liquid from 4A	10/14/15
15J0585-03	Liquid from 4B	10/14/15
15J0585-04	Liquid from 5A	10/14/15
15J0585-05	Liquid from 5B	10/14/15
15J0585-06	Liquid from 5C	10/14/15
15J0585-07	Liquid from GT1	10/14/15
15J0585-08	Liquid from GT2	10/14/15
BJ50723-BLK1	Blank	10/14/15

Batch ID: BJ50724 **Preparation Method:** EPA SW 846-1311 TCLP ZHE for VC **Prepared By:** CLS

YORK Sample ID	Client Sample ID	Preparation Date
15J0585-01	Liquid from 3A	10/14/15
15J0585-02	Liquid from 4A	10/14/15
15J0585-03	Liquid from 4B	10/14/15
15J0585-04	Liquid from 5A	10/14/15
15J0585-05	Liquid from 5B	10/14/15
15J0585-06	Liquid from 5C	10/14/15
15J0585-07	Liquid from GT1	10/14/15
15J0585-08	Liquid from GT2	10/14/15
BJ50724-BLK1	Blank	10/14/15

Batch ID: BJ50725 **Preparation Method:** Analysis Preparation **Prepared By:** CLS

YORK Sample ID	Client Sample ID	Preparation Date
15J0585-01	Liquid from 3A	10/14/15
15J0585-02	Liquid from 4A	10/14/15
15J0585-03	Liquid from 4B	10/14/15
15J0585-04	Liquid from 5A	10/14/15
15J0585-05	Liquid from 5B	10/14/15



15J0585-06	Liquid from 5C	10/14/15
15J0585-07	Liquid from GT1	10/14/15
15J0585-08	Liquid from GT2	10/14/15

Batch ID: BJ50799 **Preparation Method:** EPA 3015A/1311 **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
15J0585-01	Liquid from 3A	10/15/15
15J0585-02	Liquid from 4A	10/15/15
15J0585-04	Liquid from 5A	10/15/15
15J0585-05	Liquid from 5B	10/15/15
15J0585-06	Liquid from 5C	10/15/15
BJ50799-BLK1	Blank	10/15/15
BJ50799-BLK2	Blank	10/15/15
BJ50799-SRM1	Reference	10/15/15

Batch ID: BJ50804 **Preparation Method:** % Solids Prep **Prepared By:** CLS

YORK Sample ID	Client Sample ID	Preparation Date
15J0585-01	Liquid from 3A	10/15/15
15J0585-04	Liquid from 5A	10/15/15
15J0585-06	Liquid from 5C	10/15/15

Batch ID: BJ50821 **Preparation Method:** EPA 3510C **Prepared By:** KAT

YORK Sample ID	Client Sample ID	Preparation Date
15J0585-01	Liquid from 3A	10/16/15
15J0585-02	Liquid from 4A	10/16/15
15J0585-03	Liquid from 4B	10/16/15
15J0585-04	Liquid from 5A	10/16/15
15J0585-05	Liquid from 5B	10/16/15
15J0585-06	Liquid from 5C	10/16/15
BJ50821-BLK1	Blank	10/16/15
BJ50821-BS1	LCS	10/16/15
BJ50821-BSD1	LCS Dup	10/16/15

Batch ID: BJ50851 **Preparation Method:** EPA SW846-7470 **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
15J0585-03	Liquid from 4B	10/16/15
BJ50851-BLK1	Blank	10/16/15
BJ50851-BLK2	Blank	10/16/15
BJ50851-BS1	LCS	10/16/15
BJ50851-BS2	LCS	10/16/15

Batch ID: BJ50852 **Preparation Method:** EPA SW846-7470 **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date



15J0585-01	Liquid from 3A	10/16/15
15J0585-02	Liquid from 4A	10/16/15
15J0585-04	Liquid from 5A	10/16/15
15J0585-05	Liquid from 5B	10/16/15
15J0585-06	Liquid from 5C	10/16/15
15J0585-07	Liquid from GT1	10/16/15
15J0585-08	Liquid from GT2	10/16/15
BJ50852-BLK1	Blank	10/16/15
BJ50852-BLK2	Blank	10/16/15
BJ50852-BS1	LCS	10/16/15

Batch ID: BJ50871 **Preparation Method:** EPA SW846-7471 **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
15J0585-01	Liquid from 3A	10/16/15
15J0585-02	Liquid from 4A	10/16/15
15J0585-04	Liquid from 5A	10/16/15
15J0585-05	Liquid from 5B	10/16/15
15J0585-06	Liquid from 5C	10/16/15
15J0585-07	Liquid from GT1	10/16/15
15J0585-08	Liquid from GT2	10/16/15
BJ50871-BLK1	Blank	10/16/15
BJ50871-SRM1	Reference	10/16/15

Batch ID: BJ50872 **Preparation Method:** EPA 5035A **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
15J0585-02	Liquid from 4A	10/16/15
15J0585-07	Liquid from GT1	10/16/15
15J0585-08	Liquid from GT2	10/16/15
BJ50872-BLK1	Blank	10/16/15
BJ50872-BS1	LCS	10/16/15
BJ50872-BSD1	LCS Dup	10/16/15

Batch ID: BJ50873 **Preparation Method:** EPA 5030B/1311 **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
15J0585-01	Liquid from 3A	10/16/15
15J0585-02	Liquid from 4A	10/16/15
15J0585-04	Liquid from 5A	10/16/15
15J0585-05	Liquid from 5B	10/16/15
15J0585-06	Liquid from 5C	10/16/15
BJ50873-BLK1	Blank	10/16/15
BJ50873-BS1	LCS	10/16/15
BJ50873-BSD1	LCS Dup	10/16/15

Batch ID: BJ50874 **Preparation Method:** EPA 5030B **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date



15J0585-03	Liquid from 4B	10/16/15
BJ50874-BLK1	Blank	10/16/15
BJ50874-BS1	LCS	10/16/15
BJ50874-BSD1	LCS Dup	10/16/15

Batch ID: BJ50879 **Preparation Method:** Preparation for GC Analysis **Prepared By:** RQB

YORK Sample ID	Client Sample ID	Preparation Date
15J0585-01	Liquid from 3A	10/15/15
15J0585-02	Liquid from 4A	10/15/15
15J0585-04	Liquid from 5A	10/15/15
15J0585-05	Liquid from 5B	10/15/15
15J0585-06	Liquid from 5C	10/15/15
15J0585-07	Liquid from GT1	10/15/15
15J0585-08	Liquid from GT2	10/15/15
BJ50879-BLK1	Blank	10/15/15
BJ50879-DUP1	Duplicate	10/15/15

Batch ID: BJ50880 **Preparation Method:** Preparation for GC Analysis **Prepared By:** RQB

YORK Sample ID	Client Sample ID	Preparation Date
15J0585-03	Liquid from 4B	10/15/15
BJ50880-BLK1	Blank	10/15/15

Batch ID: BJ50881 **Preparation Method:** Preparation for GC Analysis **Prepared By:** RQB

YORK Sample ID	Client Sample ID	Preparation Date
15J0585-01	Liquid from 3A	10/16/15
15J0585-02	Liquid from 4A	10/16/15
15J0585-04	Liquid from 5A	10/16/15
15J0585-05	Liquid from 5B	10/16/15
15J0585-06	Liquid from 5C	10/16/15
15J0585-07	Liquid from GT1	10/16/15
15J0585-08	Liquid from GT2	10/16/15
BJ50881-BLK1	Blank	10/16/15
BJ50881-DUP1	Duplicate	10/16/15

Batch ID: BJ50882 **Preparation Method:** Preparation for GC Analysis **Prepared By:** RQB

YORK Sample ID	Client Sample ID	Preparation Date
15J0585-03	Liquid from 4B	10/16/15
BJ50882-BLK1	Blank	10/16/15
BJ50882-DUP1	Duplicate	10/16/15

Batch ID: BJ50883 **Preparation Method:** Analysis Preparation **Prepared By:** CLS

YORK Sample ID	Client Sample ID	Preparation Date
15J0585-03	Liquid from 4B	10/16/15



BJ50883-BLK1	Blank	10/16/15
BJ50883-BS1	LCS	10/16/15

Batch ID: BJ50904 **Preparation Method:** EPA 3015A **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
15J0585-03	Liquid from 4B	10/19/15
BJ50904-BLK1	Blank	10/19/15
BJ50904-SRM1	Reference	10/19/15

Batch ID: BJ50905 **Preparation Method:** EPA 3550C **Prepared By:** CM

YORK Sample ID	Client Sample ID	Preparation Date
15J0585-01	Liquid from 3A	10/19/15
15J0585-02	Liquid from 4A	10/19/15
15J0585-04	Liquid from 5A	10/19/15
15J0585-05	Liquid from 5B	10/19/15
15J0585-06	Liquid from 5C	10/19/15
15J0585-07	Liquid from GT1	10/19/15
15J0585-08	Liquid from GT2	10/19/15

Batch ID: BJ50906 **Preparation Method:** EPA 3550C **Prepared By:** CM

YORK Sample ID	Client Sample ID	Preparation Date
15J0585-01	Liquid from 3A	10/19/15
15J0585-02	Liquid from 4A	10/19/15
15J0585-04	Liquid from 5A	10/19/15
15J0585-05	Liquid from 5B	10/19/15
15J0585-06	Liquid from 5C	10/19/15
15J0585-07	Liquid from GT1	10/19/15
15J0585-08	Liquid from GT2	10/19/15
BJ50906-BLK1	Blank	10/19/15
BJ50906-BS1	LCS	10/19/15
BJ50906-BSD1	LCS Dup	10/19/15

Batch ID: BJ50910 **Preparation Method:** EPA SW846-3060 **Prepared By:** SC

YORK Sample ID	Client Sample ID	Preparation Date
15J0585-01	Liquid from 3A	10/19/15
15J0585-02	Liquid from 4A	10/19/15
15J0585-04	Liquid from 5A	10/19/15
15J0585-05	Liquid from 5B	10/19/15
15J0585-06	Liquid from 5C	10/19/15
15J0585-07	Liquid from GT1	10/19/15
15J0585-08	Liquid from GT2	10/19/15
BJ50910-BLK1	Blank	10/19/15
BJ50910-SRM1	Reference	10/19/15



Batch ID: BJ50911

Preparation Method: EPA 3510C

Prepared By: KAT

YORK Sample ID	Client Sample ID	Preparation Date
15J0585-03	Liquid from 4B	10/19/15
BJ50911-BLK1	Blank	10/19/15
BJ50911-BS1	LCS	10/19/15
BJ50911-BSD1	LCS Dup	10/19/15

Batch ID: BJ50912

Preparation Method: EPA SW846-3510C Low Level

Prepared By: KAT

YORK Sample ID	Client Sample ID	Preparation Date
15J0585-03	Liquid from 4B	10/19/15
BJ50912-BLK1	Blank	10/19/15
BJ50912-BS2	LCS	10/19/15
BJ50912-BSD2	LCS Dup	10/19/15

Batch ID: BJ50913

Preparation Method: Analysis Preparation Soil

Prepared By: AD

YORK Sample ID	Client Sample ID	Preparation Date
15J0585-01	Liquid from 3A	10/19/15
15J0585-02	Liquid from 4A	10/19/15
15J0585-04	Liquid from 5A	10/19/15
15J0585-05	Liquid from 5B	10/19/15
15J0585-06	Liquid from 5C	10/19/15
15J0585-07	Liquid from GT1	10/19/15
15J0585-08	Liquid from GT2	10/19/15
BJ50913-BLK1	Blank	10/19/15
BJ50913-SRM1	Reference	10/19/15

Batch ID: BJ50932

Preparation Method: EPA SW846-7470

Prepared By: AA

YORK Sample ID	Client Sample ID	Preparation Date
15J0585-03	Liquid from 4B	10/19/15
BJ50932-BLK1	Blank	10/19/15
BJ50932-BS1	LCS	10/19/15

Batch ID: BJ50933

Preparation Method: EPA 5030B

Prepared By: OW

YORK Sample ID	Client Sample ID	Preparation Date
15J0585-03	Liquid from 4B	10/19/15
BJ50933-BLK1	Blank	10/19/15
BJ50933-DUP1	Duplicate	10/19/15
BJ50933-MS1	Matrix Spike	10/19/15
BJ50933-SRM1	Reference	10/19/15

Batch ID: BJ50943

Preparation Method: EPA 3510C/1311

Prepared By: CM

YORK Sample ID	Client Sample ID	Preparation Date



15J0585-07	Liquid from GT1	10/19/15
15J0585-08	Liquid from GT2	10/19/15

Batch ID:	BJ50945	Preparation Method:	EPA 3050B	Prepared By:	ALD

YORK Sample ID	Client Sample ID	Preparation Date
15J0585-01	Liquid from 3A	10/19/15
15J0585-02	Liquid from 4A	10/19/15
15J0585-04	Liquid from 5A	10/19/15
15J0585-05	Liquid from 5B	10/19/15
15J0585-06	Liquid from 5C	10/19/15
15J0585-07	Liquid from GT1	10/19/15
15J0585-08	Liquid from GT2	10/19/15
BJ50945-BLK1	Blank	10/19/15
BJ50945-SRM1	Reference	10/19/15

Batch ID:	BJ50948	Preparation Method:	EPA 3015A/1311	Prepared By:	ALD

YORK Sample ID	Client Sample ID	Preparation Date
15J0585-07	Liquid from GT1	10/19/15
15J0585-08	Liquid from GT2	10/19/15
BJ50948-BLK1	Blank	10/19/15
BJ50948-BLK2	Blank	10/19/15
BJ50948-SRM1	Reference	10/19/15

Batch ID:	BJ50976	Preparation Method:	EPA 3015A	Prepared By:	ALD

YORK Sample ID	Client Sample ID	Preparation Date
15J0585-03	Liquid from 4B	10/20/15
BJ50976-BLK1	Blank	10/20/15
BJ50976-SRM1	Reference	10/20/15

Batch ID:	BJ50978	Preparation Method:	Analysis Preparation	Prepared By:	AD

YORK Sample ID	Client Sample ID	Preparation Date
15J0585-03	Liquid from 4B	10/20/15
BJ50978-BLK1	Blank	10/20/15
BJ50978-BS1	LCS	10/20/15

Batch ID:	BJ50981	Preparation Method:	Analysis Preparation	Prepared By:	AD

YORK Sample ID	Client Sample ID	Preparation Date
15J0585-01	Liquid from 3A	10/20/15
15J0585-02	Liquid from 4A	10/20/15
15J0585-04	Liquid from 5A	10/20/15
15J0585-05	Liquid from 5B	10/20/15
15J0585-06	Liquid from 5C	10/20/15
15J0585-07	Liquid from GT1	10/20/15



15J0585-08 Liquid from GT2 10/20/15

Batch ID: BJ50982 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
15J0585-01	Liquid from 3A	10/20/15
15J0585-02	Liquid from 4A	10/20/15
15J0585-04	Liquid from 5A	10/20/15
15J0585-05	Liquid from 5B	10/20/15
15J0585-06	Liquid from 5C	10/20/15
15J0585-07	Liquid from GT1	10/20/15
15J0585-08	Liquid from GT2	10/20/15

Batch ID: BJ50983 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
15J0585-03	Liquid from 4B	10/20/15

Batch ID: BJ50985 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
15J0585-03	Liquid from 4B	10/20/15

Batch ID: BJ50986 **Preparation Method:** EPA 3510C **Prepared By:** KAT

YORK Sample ID	Client Sample ID	Preparation Date
15J0585-03	Liquid from 4B	10/20/15
BJ50986-BLK1	Blank	10/20/15
BJ50986-BS1	LCS	10/20/15
BJ50986-BSD1	LCS Dup	10/20/15

Batch ID: BJ50993 **Preparation Method:** EPA 5030B **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
15J0585-03	Liquid from 4B	10/20/15
BJ50993-BLK1	Blank	10/20/15
BJ50993-BS1	LCS	10/20/15
BJ50993-BSD1	LCS Dup	10/20/15

Batch ID: BJ51011 **Preparation Method:** Analysis Preparation **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
15J0585-01	Liquid from 3A	10/20/15
15J0585-02	Liquid from 4A	10/20/15
15J0585-04	Liquid from 5A	10/20/15
15J0585-05	Liquid from 5B	10/20/15
15J0585-06	Liquid from 5C	10/20/15



15J0585-07	Liquid from GT1	10/20/15
15J0585-08	Liquid from GT2	10/20/15

Batch ID: BJ51017 **Preparation Method:** Analysis Preparation **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date

15J0585-03	Liquid from 4B	10/20/15

Batch ID: BJ51028 **Preparation Method:** EPA 5035A **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date

15J0585-01	Liquid from 3A	10/20/15
15J0585-04	Liquid from 5A	10/20/15
15J0585-07RE1	Liquid from GT1	10/20/15
BJ51028-BLK1	Blank	10/20/15
BJ51028-BS1	LCS	10/20/15
BJ51028-BSD1	LCS Dup	10/20/15

Batch ID: BJ51031 **Preparation Method:** EPA 5035A **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date

15J0585-05	Liquid from 5B	10/20/15
BJ51031-BLK1	Blank	10/20/15
BJ51031-BS1	LCS	10/20/15
BJ51031-BSD1	LCS Dup	10/20/15

Batch ID: BJ51061 **Preparation Method:** EPA 5030B/1311 **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date

15J0585-07	Liquid from GT1	10/21/15
15J0585-08	Liquid from GT2	10/21/15
BJ51061-BLK1	Blank	10/21/15
BJ51061-BS1	LCS	10/21/15
BJ51061-BSD1	LCS Dup	10/21/15

Batch ID: BJ51100 **Preparation Method:** EPA 5035A **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date

15J0585-06	Liquid from 5C	10/21/15
BJ51100-BLK1	Blank	10/21/15
BJ51100-BS1	LCS	10/21/15
BJ51100-BSD1	LCS Dup	10/21/15



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BJ50872 - EPA 5035A

Blank (BJ50872-BLK1)

Prepared: 10/16/2015 Analyzed: 10/17/2015

1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet
1,1,1-Trichloroethane	ND	5.0	"
1,1,2,2-Tetrachloroethane	ND	5.0	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"
1,1,2-Trichloroethane	ND	5.0	"
1,1-Dichloroethane	ND	5.0	"
1,1-Dichloroethylene	ND	5.0	"
1,2,3-Trichlorobenzene	ND	5.0	"
1,2,3-Trichloropropane	ND	5.0	"
1,2,4-Trichlorobenzene	ND	5.0	"
1,2,4-Trimethylbenzene	ND	5.0	"
1,2-Dibromo-3-chloropropane	ND	5.0	"
1,2-Dibromoethane	ND	5.0	"
1,2-Dichlorobenzene	ND	5.0	"
1,2-Dichloroethane	ND	5.0	"
1,2-Dichloropropane	ND	5.0	"
1,3,5-Trimethylbenzene	ND	5.0	"
1,3-Dichlorobenzene	ND	5.0	"
1,4-Dichlorobenzene	ND	5.0	"
1,4-Dioxane	ND	100	"
2-Butanone	ND	5.0	"
2-Hexanone	ND	5.0	"
4-Methyl-2-pentanone	ND	5.0	"
Acetone	ND	10	"
Acrolein	ND	10	"
Acrylonitrile	ND	5.0	"
Benzene	ND	5.0	"
Bromochloromethane	ND	5.0	"
Bromodichloromethane	ND	5.0	"
Bromoform	ND	5.0	"
Bromomethane	ND	5.0	"
Carbon disulfide	ND	5.0	"
Carbon tetrachloride	ND	5.0	"
Chlorobenzene	ND	5.0	"
Chloroethane	ND	5.0	"
Chloroform	ND	5.0	"
Chloromethane	ND	5.0	"
cis-1,2-Dichloroethylene	ND	5.0	"
cis-1,3-Dichloropropylene	ND	5.0	"
Cyclohexane	ND	5.0	"
Dibromochloromethane	ND	5.0	"
Dibromomethane	ND	5.0	"
Dichlorodifluoromethane	ND	5.0	"
Ethyl Benzene	ND	5.0	"
Hexachlorobutadiene	ND	5.0	"
Isopropylbenzene	ND	5.0	"
Methyl acetate	ND	5.0	"
Methyl tert-butyl ether (MTBE)	ND	5.0	"
Methylcyclohexane	ND	5.0	"
Methylene chloride	ND	10	"
n-Butylbenzene	ND	5.0	"



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BJ50872 - EPA 5035A

Blank (BJ50872-BLK1)

Prepared: 10/16/2015 Analyzed: 10/17/2015

n-Propylbenzene	ND	5.0	ug/kg wet
o-Xylene	ND	5.0	"
p- & m- Xylenes	ND	10	"
p-Isopropyltoluene	ND	5.0	"
sec-Butylbenzene	ND	5.0	"
Styrene	ND	5.0	"
tert-Butyl alcohol (TBA)	ND	5.0	"
tert-Butylbenzene	ND	5.0	"
Tetrachloroethylene	ND	5.0	"
Toluene	ND	5.0	"
trans-1,2-Dichloroethylene	ND	5.0	"
trans-1,3-Dichloropropylene	ND	5.0	"
Trichloroethylene	ND	5.0	"
Trichlorofluoromethane	ND	5.0	"
Vinyl Chloride	ND	5.0	"
Xylenes, Total	ND	15	"

Surrogate: 1,2-Dichloroethane-d4	52.3	ug/L	50.0	105	77-125
Surrogate: Toluene-d8	48.0	"	50.0	96.0	85-120
Surrogate: p-Bromofluorobenzene	49.4	"	50.0	98.7	76-130

LCS (BJ50872-BS1)

Prepared & Analyzed: 10/16/2015

1,1,1,2-Tetrachloroethane	53	ug/L	50.0	106	75-129
1,1,1-Trichloroethane	56	"	50.0	112	71-137
1,1,2,2-Tetrachloroethane	50	"	50.0	101	79-129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	52	"	50.0	104	58-146
1,1,2-Trichloroethane	52	"	50.0	105	83-123
1,1-Dichloroethane	53	"	50.0	107	75-130
1,1-Dichloroethylene	54	"	50.0	108	64-137
1,2,3-Trichlorobenzene	50	"	50.0	100	81-140
1,2,3-Trichloropropane	53	"	50.0	106	81-126
1,2,4-Trichlorobenzene	48	"	50.0	96.1	80-141
1,2,4-Trimethylbenzene	48	"	50.0	95.8	84-125
1,2-Dibromo-3-chloropropane	54	"	50.0	108	74-142
1,2-Dibromoethane	54	"	50.0	107	86-123
1,2-Dichlorobenzene	50	"	50.0	99.4	85-122
1,2-Dichloroethane	56	"	50.0	112	71-133
1,2-Dichloropropane	50	"	50.0	101	81-122
1,3,5-Trimethylbenzene	48	"	50.0	96.7	82-126
1,3-Dichlorobenzene	49	"	50.0	97.9	84-124
1,4-Dichlorobenzene	49	"	50.0	97.7	84-124
1,4-Dioxane	1300	"	1000	128	10-228
2-Butanone	56	"	50.0	112	58-147
2-Hexanone	54	"	50.0	108	70-139
4-Methyl-2-pentanone	53	"	50.0	107	72-132
Acetone	54	"	50.0	108	36-155
Acrolein	41	"	50.0	82.9	10-238
Acrylonitrile	57	"	50.0	114	66-141
Benzene	54	"	50.0	108	77-127
Bromochloromethane	53	"	50.0	106	74-129
Bromodichloromethane	51	"	50.0	103	81-124
Bromoform	53	"	50.0	107	80-136
Bromomethane	43	"	50.0	86.6	32-177



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BJ50872 - EPA 5035A

LCS (BJ50872-BS1)

Prepared & Analyzed: 10/16/2015

Carbon disulfide	53		ug/L	50.0		105	10-136				
Carbon tetrachloride	58		"	50.0		115	66-143				
Chlorobenzene	52		"	50.0		103	86-120				
Chloroethane	47		"	50.0		94.1	51-142				
Chloroform	56		"	50.0		113	76-131				
Chloromethane	50		"	50.0		100	49-132				
cis-1,2-Dichloroethylene	55		"	50.0		111	74-132				
cis-1,3-Dichloropropylene	51		"	50.0		101	81-129				
Cyclohexane	50		"	50.0		99.5	70-130				
Dibromochloromethane	55		"	50.0		110	10-200				
Dibromomethane	53		"	50.0		106	83-124				
Dichlorodifluoromethane	63		"	50.0		126	28-158				
Ethyl Benzene	50		"	50.0		100	84-125				
Hexachlorobutadiene	50		"	50.0		99.2	83-133				
Isopropylbenzene	48		"	50.0		95.8	81-127				
Methyl acetate	53		"	50.0		107	41-143				
Methyl tert-butyl ether (MTBE)	57		"	50.0		114	74-131				
Methylcyclohexane	48		"	50.0		96.2	70-130				
Methylene chloride	47		"	50.0		94.4	57-141				
n-Butylbenzene	46		"	50.0		92.0	80-130				
n-Propylbenzene	47		"	50.0		94.7	74-136				
o-Xylene	50		"	50.0		100	83-123				
p- & m- Xylenes	99		"	100		99.2	82-128				
p-Isopropyltoluene	48		"	50.0		96.6	85-125				
sec-Butylbenzene	49		"	50.0		97.4	83-125				
Styrene	51		"	50.0		101	86-126				
tert-Butyl alcohol (TBA)	61		"	50.0		122	70-130				
tert-Butylbenzene	49		"	50.0		98.7	80-127				
Tetrachloroethylene	54		"	50.0		109	80-129				
Toluene	50		"	50.0		99.4	85-121				
trans-1,2-Dichloroethylene	54		"	50.0		107	72-132				
trans-1,3-Dichloropropylene	51		"	50.0		103	78-132				
Trichloroethylene	51		"	50.0		103	84-123				
Trichlorofluoromethane	51		"	50.0		102	62-140				
Vinyl Chloride	49		"	50.0		98.2	52-130				
Surrogate: 1,2-Dichloroethane-d4	52.3		"	50.0		105	77-125				
Surrogate: Toluene-d8	48.9		"	50.0		97.8	85-120				
Surrogate: p-Bromofluorobenzene	50.0		"	50.0		99.9	76-130				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ50872 - EPA 5035A											
LCS Dup (BJ50872-BSD1)						Prepared & Analyzed: 10/16/2015					
1,1,1,2-Tetrachloroethane	56		ug/L	50.0		112	75-129		5.56	30	
1,1,1-Trichloroethane	60		"	50.0		121	71-137		7.72	30	
1,1,2,2-Tetrachloroethane	55		"	50.0		109	79-129		7.81	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	57		"	50.0		113	58-146		8.14	30	
1,1,2-Trichloroethane	56		"	50.0		112	83-123		6.42	30	
1,1-Dichloroethane	57		"	50.0		114	75-130		6.59	30	
1,1-Dichloroethylene	57		"	50.0		113	64-137		4.90	30	
1,2,3-Trichlorobenzene	53		"	50.0		106	81-140		5.03	30	
1,2,3-Trichloropropane	56		"	50.0		112	81-126		5.54	30	
1,2,4-Trichlorobenzene	52		"	50.0		104	80-141		8.01	30	
1,2,4-Trimethylbenzene	51		"	50.0		101	84-125		5.64	30	
1,2-Dibromo-3-chloropropane	58		"	50.0		116	74-142		7.17	30	
1,2-Dibromoethane	58		"	50.0		115	86-123		7.09	30	
1,2-Dichlorobenzene	53		"	50.0		105	85-122		5.92	30	
1,2-Dichloroethane	60		"	50.0		120	71-133		6.37	30	
1,2-Dichloropropane	51		"	50.0		103	81-122		2.20	30	
1,3,5-Trimethylbenzene	50		"	50.0		101	82-126		4.09	30	
1,3-Dichlorobenzene	52		"	50.0		103	84-124		5.44	30	
1,4-Dichlorobenzene	52		"	50.0		104	84-124		6.61	30	
1,4-Dioxane	1400		"	1000		136	10-228		6.24	30	
2-Butanone	61		"	50.0		121	58-147		7.71	30	
2-Hexanone	59		"	50.0		118	70-139		8.94	30	
4-Methyl-2-pentanone	57		"	50.0		113	72-132		5.91	30	
Acetone	58		"	50.0		117	36-155		7.18	30	
Acrolein	56		"	50.0		113	10-238		30.4	30	Non-dir.
Acrylonitrile	61		"	50.0		123	66-141		7.50	30	
Benzene	58		"	50.0		116	77-127		6.41	30	
Bromochloromethane	58		"	50.0		116	74-129		8.59	30	
Bromodichloromethane	55		"	50.0		111	81-124		7.23	30	
Bromoform	58		"	50.0		117	80-136		8.66	30	
Bromomethane	46		"	50.0		91.3	32-177		5.35	30	
Carbon disulfide	57		"	50.0		113	10-136		7.60	30	
Carbon tetrachloride	61		"	50.0		123	66-143		6.40	30	
Chlorobenzene	55		"	50.0		110	86-120		6.23	30	
Chloroethane	51		"	50.0		102	51-142		8.39	30	
Chloroform	61		"	50.0		122	76-131		7.80	30	
Chloromethane	53		"	50.0		107	49-132		5.89	30	
cis-1,2-Dichloroethylene	59		"	50.0		117	74-132		5.69	30	
cis-1,3-Dichloropropylene	53		"	50.0		107	81-129		5.37	30	
Cyclohexane	54		"	50.0		107	70-130		7.47	30	
Dibromochloromethane	59		"	50.0		117	10-200		6.29	30	
Dibromomethane	56		"	50.0		112	83-124		5.64	30	
Dichlorodifluoromethane	68		"	50.0		136	28-158		8.12	30	
Ethyl Benzene	53		"	50.0		107	84-125		6.00	30	
Hexachlorobutadiene	53		"	50.0		106	83-133		6.35	30	
Isopropylbenzene	50		"	50.0		99.7	81-127		3.95	30	
Methyl acetate	60		"	50.0		120	41-143		11.8	30	
Methyl tert-butyl ether (MTBE)	61		"	50.0		121	74-131		6.16	30	
Methylcyclohexane	51		"	50.0		102	70-130		6.01	30	
Methylene chloride	56		"	50.0		113	57-141		17.7	30	
n-Butylbenzene	49		"	50.0		97.8	80-130		6.07	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BJ50872 - EPA 5035A

LCS Dup (BJ50872-BSD1)

Prepared & Analyzed: 10/16/2015

n-Propylbenzene	50		ug/L	50.0		101	74-136		6.04	30
o-Xylene	53		"	50.0		106	83-123		5.39	30
p- & m- Xylenes	110		"	100		106	82-128		6.86	30
p-Isopropyltoluene	51		"	50.0		102	85-125		5.38	30
sec-Butylbenzene	51		"	50.0		103	83-125		5.42	30
Styrene	54		"	50.0		108	86-126		6.06	30
tert-Butyl alcohol (TBA)	64		"	50.0		129	70-130		5.70	30
tert-Butylbenzene	52		"	50.0		105	80-127		6.15	30
Tetrachloroethylene	57		"	50.0		113	80-129		4.06	30
Toluene	53		"	50.0		106	85-121		6.72	30
trans-1,2-Dichloroethylene	57		"	50.0		114	72-132		6.49	30
trans-1,3-Dichloropropylene	54		"	50.0		109	78-132		5.54	30
Trichloroethylene	54		"	50.0		108	84-123		5.46	30
Trichlorofluoromethane	56		"	50.0		111	62-140		8.14	30
Vinyl Chloride	53		"	50.0		107	52-130		8.50	30
Surrogate: 1,2-Dichloroethane-d4	52.3		"	50.0		105	77-125			
Surrogate: Toluene-d8	48.4		"	50.0		96.8	85-120			
Surrogate: p-Bromofluorobenzene	50.2		"	50.0		100	76-130			

Batch BJ50873 - EPA 5030B/1311

Blank (BJ50873-BLK1)

Prepared: 10/16/2015 Analyzed: 10/17/2015

1,1-Dichloroethylene	ND	0.0050	mg/L							
1,2-Dichloroethane	ND	0.0050	"							
1,4-Dichlorobenzene	ND	0.0050	"							
2-Butanone	ND	0.0050	"							
Benzene	ND	0.0050	"							
Carbon tetrachloride	ND	0.0050	"							
Chlorobenzene	ND	0.0050	"							
Chloroform	ND	0.0050	"							
Tetrachloroethylene	ND	0.0050	"							
Trichloroethylene	ND	0.0050	"							
Vinyl Chloride	ND	0.0050	"							
Surrogate: 1,2-Dichloroethane-d4	52.3		ug/L	50.0		105	65-135			
Surrogate: p-Bromofluorobenzene	49.4		"	50.0		98.7	81-114			
Surrogate: Toluene-d8	48.0		"	50.0		96.0	86-118			



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BJ50873 - EPA 5030B/1311

LCS (BJ50873-BS1)

Prepared & Analyzed: 10/16/2015

1,1-Dichloroethylene	54		ug/L	50.0		108	68-134				
1,2-Dichloroethane	56		"	50.0		112	69-133				
1,4-Dichlorobenzene	49		"	50.0		97.7	82-124				
2-Butanone	56		"	50.0		112	44-169				
Benzene	54		"	50.0		108	72-134				
Carbon tetrachloride	58		"	50.0		115	62-145				
Chlorobenzene	52		"	50.0		103	85-119				
Chloroform	56		"	50.0		113	74-131				
Tetrachloroethylene	54		"	50.0		109	78-133				
Trichloroethylene	51		"	50.0		103	81-125				
Vinyl Chloride	49		"	50.0		98.2	42-136				

Surrogate: 1,2-Dichloroethane-d4

52.3

"

50.0

105

65-135

Surrogate: p-Bromofluorobenzene

50.0

"

50.0

99.9

81-114

Surrogate: Toluene-d8

48.9

"

50.0

97.8

86-118

LCS Dup (BJ50873-BSD1)

Prepared & Analyzed: 10/16/2015

1,1-Dichloroethylene	57		ug/L	50.0		113	68-134		4.90	30	
1,2-Dichloroethane	60		"	50.0		120	69-133		6.37	30	
1,4-Dichlorobenzene	52		"	50.0		104	82-124		6.61	30	
2-Butanone	61		"	50.0		121	44-169		7.71	30	
Benzene	58		"	50.0		116	72-134		6.41	30	
Carbon tetrachloride	61		"	50.0		123	62-145		6.40	30	
Chlorobenzene	55		"	50.0		110	85-119		6.23	30	
Chloroform	61		"	50.0		122	74-131		7.80	30	
Tetrachloroethylene	57		"	50.0		113	78-133		4.06	30	
Trichloroethylene	54		"	50.0		108	81-125		5.46	30	
Vinyl Chloride	53		"	50.0		107	42-136		8.50	30	

Surrogate: 1,2-Dichloroethane-d4

52.3

"

50.0

105

65-135

Surrogate: p-Bromofluorobenzene

50.2

"

50.0

100

81-114

Surrogate: Toluene-d8

48.4

"

50.0

96.8

86-118



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BJ50874 - EPA 5030B

Blank (BJ50874-BLK1)

Prepared: 10/16/2015 Analyzed: 10/17/2015

1,1-Dichloroethylene	ND	0.0050	mg/L
1,2-Dichloroethane	ND	0.0050	"
1,4-Dichlorobenzene	ND	0.0050	"
2-Butanone	ND	0.0050	"
Benzene	ND	0.0050	"
Carbon tetrachloride	ND	0.0050	"
Chlorobenzene	ND	0.0050	"
Chloroform	ND	0.0050	"
Tetrachloroethylene	ND	0.0050	"
Trichloroethylene	ND	0.0050	"
Vinyl Chloride	ND	0.0050	"

Surrogate: 1,2-Dichloroethane-d4	52.3	ug/L	50.0	105	65-135
Surrogate: p-Bromofluorobenzene	49.4	"	50.0	98.7	81-114
Surrogate: Toluene-d8	48.0	"	50.0	96.0	86-118

LCS (BJ50874-BS1)

Prepared & Analyzed: 10/16/2015

1,1-Dichloroethylene	54	ug/L	50.0	108	68-134
1,2-Dichloroethane	56	"	50.0	112	69-133
1,4-Dichlorobenzene	49	"	50.0	97.7	82-124
2-Butanone	56	"	50.0	112	44-169
Benzene	54	"	50.0	108	72-134
Carbon tetrachloride	58	"	50.0	115	62-145
Chlorobenzene	52	"	50.0	103	85-119
Chloroform	56	"	50.0	113	74-131
Tetrachloroethylene	54	"	50.0	109	78-133
Trichloroethylene	51	"	50.0	103	81-125
Vinyl Chloride	49	"	50.0	98.2	42-136

Surrogate: 1,2-Dichloroethane-d4	52.3	"	50.0	105	65-135
Surrogate: p-Bromofluorobenzene	50.0	"	50.0	99.9	81-114
Surrogate: Toluene-d8	48.9	"	50.0	97.8	86-118



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BJ50874 - EPA 5030B

LCS Dup (BJ50874-BSD1)

Prepared & Analyzed: 10/16/2015

1,1-Dichloroethylene	57		ug/L	50.0		113	68-134		4.90	30	
1,2-Dichloroethane	60		"	50.0		120	69-133		6.37	30	
1,4-Dichlorobenzene	52		"	50.0		104	82-124		6.61	30	
2-Butanone	61		"	50.0		121	44-169		7.71	30	
Benzene	58		"	50.0		116	72-134		6.41	30	
Carbon tetrachloride	61		"	50.0		123	62-145		6.40	30	
Chlorobenzene	55		"	50.0		110	85-119		6.23	30	
Chloroform	61		"	50.0		122	74-131		7.80	30	
Tetrachloroethylene	57		"	50.0		113	78-133		4.06	30	
Trichloroethylene	54		"	50.0		108	81-125		5.46	30	
Vinyl Chloride	53		"	50.0		107	42-136		8.50	30	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>52.3</i>		<i>"</i>	<i>50.0</i>		<i>105</i>	<i>65-135</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>50.2</i>		<i>"</i>	<i>50.0</i>		<i>100</i>	<i>81-114</i>				
<i>Surrogate: Toluene-d8</i>	<i>48.4</i>		<i>"</i>	<i>50.0</i>		<i>96.8</i>	<i>86-118</i>				

Batch BJ50933 - EPA 5030B

Blank (BJ50933-BLK1)

Prepared & Analyzed: 10/19/2015

Total Petroleum Hydrocarbons-GRO	ND	0.800	mg/L								
<i>Surrogate: p-Bromofluorobenzene</i>	<i>208</i>		<i>ug/L</i>	<i>200</i>		<i>104</i>	<i>70-130</i>				

Duplicate (BJ50933-DUP1)

*Source sample: 15J0585-03 (Liquid from 4B)

Prepared & Analyzed: 10/19/2015

Total Petroleum Hydrocarbons-GRO	14.5	8.00	mg/L		8.11				56.5	30	Non-dir.
<i>Surrogate: p-Bromofluorobenzene</i>	<i>185</i>		<i>ug/L</i>	<i>200</i>		<i>92.6</i>	<i>70-130</i>				

Matrix Spike (BJ50933-MS1)

*Source sample: 15J0585-03 (Liquid from 4B)

Prepared & Analyzed: 10/19/2015

Total Petroleum Hydrocarbons-GRO	7200		ug/L	8000	8110	NR	0-200	Low Bias			
<i>Surrogate: p-Bromofluorobenzene</i>	<i>196</i>		<i>"</i>	<i>200</i>		<i>97.9</i>	<i>70-130</i>				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BJ50933 - EPA 5030B

Reference (BJ50933-SRM1)

Prepared & Analyzed: 10/19/2015

Total Petroleum Hydrocarbons-GRO	1.58	0.800	mg/L	2.39		66.1	62.8-174.9				
Surrogate: <i>p</i> -Bromofluorobenzene	206		ug/L	200		103	70-130				

Batch BJ50993 - EPA 5030B

Blank (BJ50993-BLK1)

Prepared & Analyzed: 10/20/2015

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	80	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	2.0	"								
Acrolein	ND	0.50	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BJ50993 - EPA 5030B

Blank (BJ50993-BLK1)

Prepared & Analyzed: 10/20/2015

Methyl acetate	ND	0.50	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.50	"
Methylcyclohexane	ND	0.50	"
Methylene chloride	ND	2.0	"
n-Butylbenzene	ND	0.50	"
n-Propylbenzene	ND	0.50	"
o-Xylene	ND	0.50	"
p- & m- Xylenes	ND	1.0	"
p-Isopropyltoluene	ND	0.50	"
sec-Butylbenzene	ND	0.50	"
Styrene	ND	0.50	"
tert-Butyl alcohol (TBA)	ND	1.0	"
tert-Butylbenzene	ND	0.50	"
Tetrachloroethylene	ND	0.50	"
Toluene	ND	0.50	"
trans-1,2-Dichloroethylene	ND	0.50	"
trans-1,3-Dichloropropylene	ND	0.50	"
Trichloroethylene	ND	0.50	"
Trichlorofluoromethane	ND	0.50	"
Vinyl Chloride	ND	0.50	"
Xylenes, Total	ND	1.5	"

<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.98</i>		<i>"</i>	<i>10.0</i>		<i>99.8</i>	<i>69-130</i>
<i>Surrogate: Toluene-d8</i>	<i>10.7</i>		<i>"</i>	<i>10.0</i>		<i>107</i>	<i>81-117</i>
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.5</i>		<i>"</i>	<i>10.0</i>		<i>105</i>	<i>79-122</i>

LCS (BJ50993-BS1)

Prepared & Analyzed: 10/20/2015

1,1,1,2-Tetrachloroethane	10		ug/L	10.0		105	82-126
1,1,1-Trichloroethane	10		"	10.0		101	78-136
1,1,2,2-Tetrachloroethane	11		"	10.0		106	76-129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.8		"	10.0		88.5	54-165
1,1,2-Trichloroethane	9.9		"	10.0		98.8	82-123
1,1-Dichloroethane	9.9		"	10.0		99.4	82-129
1,1-Dichloroethylene	12		"	10.0		116	68-138
1,2,3-Trichlorobenzene	10		"	10.0		104	76-136
1,2,3-Trichloropropane	10		"	10.0		103	77-128
1,2,4-Trichlorobenzene	10		"	10.0		105	76-137
1,2,4-Trimethylbenzene	10		"	10.0		102	82-132
1,2-Dibromo-3-chloropropane	10		"	10.0		104	45-147
1,2-Dibromoethane	11		"	10.0		106	83-124
1,2-Dichlorobenzene	10		"	10.0		104	79-123
1,2-Dichloroethane	10		"	10.0		102	73-132
1,2-Dichloropropane	9.7		"	10.0		97.1	78-126
1,3,5-Trimethylbenzene	9.8		"	10.0		98.0	80-131
1,3-Dichlorobenzene	10		"	10.0		102	86-122
1,4-Dichlorobenzene	11		"	10.0		106	85-124
1,4-Dioxane	300		"	200		148	10-349
2-Butanone	10		"	10.0		101	49-152
2-Hexanone	10		"	10.0		102	51-146
4-Methyl-2-pentanone	10		"	10.0		102	57-145
Acetone	10		"	10.0		102	14-150
Acrolein	12		"	10.0		116	10-153
Acrylonitrile	11		"	10.0		107	51-150



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ50993 - EPA 5030B											
LCS (BJ50993-BS1)						Prepared & Analyzed: 10/20/2015					
Benzene	9.7		ug/L	10.0		97.3	85-126				
Bromochloromethane	11		"	10.0		106	77-128				
Bromodichloromethane	9.9		"	10.0		98.7	79-128				
Bromoform	11		"	10.0		106	78-133				
Bromomethane	9.4		"	10.0		94.1	43-168				
Carbon disulfide	11		"	10.0		108	68-146				
Carbon tetrachloride	10		"	10.0		101	77-141				
Chlorobenzene	10		"	10.0		103	88-120				
Chloroethane	8.0		"	10.0		80.4	65-136				
Chloroform	10		"	10.0		102	82-128				
Chloromethane	9.4		"	10.0		93.9	43-155				
cis-1,2-Dichloroethylene	10		"	10.0		102	83-129				
cis-1,3-Dichloropropylene	10		"	10.0		99.6	80-131				
Cyclohexane	22		"	10.0		217	63-149	High Bias			
Dibromochloromethane	10		"	10.0		104	80-130				
Dibromomethane	10		"	10.0		100	72-134				
Dichlorodifluoromethane	9.5		"	10.0		94.7	44-144				
Ethyl Benzene	10		"	10.0		99.9	80-131				
Hexachlorobutadiene	10		"	10.0		102	67-146				
Isopropylbenzene	9.7		"	10.0		97.1	76-140				
Methyl acetate	11		"	10.0		107	51-139				
Methyl tert-butyl ether (MTBE)	11		"	10.0		107	76-135				
Methylcyclohexane	9.2		"	10.0		92.5	72-143				
Methylene chloride	9.9		"	10.0		99.4	55-137				
n-Butylbenzene	10		"	10.0		100	79-132				
n-Propylbenzene	9.8		"	10.0		98.5	78-133				
o-Xylene	10		"	10.0		100	78-130				
p- & m- Xylenes	20		"	20.0		99.2	77-133				
p-Isopropyltoluene	10		"	10.0		100	81-136				
sec-Butylbenzene	10		"	10.0		100	79-137				
Styrene	10		"	10.0		103	67-132				
tert-Butyl alcohol (TBA)	10		"	10.0		103	25-162				
tert-Butylbenzene	10		"	10.0		102	77-138				
Tetrachloroethylene	9.6		"	10.0		96.3	82-131				
Toluene	9.8		"	10.0		98.4	80-127				
trans-1,2-Dichloroethylene	10		"	10.0		101	80-132				
trans-1,3-Dichloropropylene	10		"	10.0		104	78-131				
Trichloroethylene	9.3		"	10.0		92.8	82-128				
Trichlorofluoromethane	9.5		"	10.0		95.3	67-139				
Vinyl Chloride	9.6		"	10.0		95.7	58-145				
Surrogate: 1,2-Dichloroethane-d4	10.2		"	10.0		102	69-130				
Surrogate: Toluene-d8	9.33		"	10.0		93.3	81-117				
Surrogate: p-Bromofluorobenzene	9.93		"	10.0		99.3	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ50993 - EPA 5030B											
LCS Dup (BJ50993-BSD1)						Prepared & Analyzed: 10/20/2015					
1,1,1,2-Tetrachloroethane	10		ug/L	10.0		105	82-126		0.191	30	
1,1,1-Trichloroethane	10		"	10.0		104	78-136		3.42	30	
1,1,2,2-Tetrachloroethane	9.9		"	10.0		98.9	76-129		7.40	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.3		"	10.0		93.4	54-165		5.39	30	
1,1,2-Trichloroethane	9.7		"	10.0		96.9	82-123		1.94	30	
1,1-Dichloroethane	9.9		"	10.0		99.4	82-129		0.00	30	
1,1-Dichloroethylene	12		"	10.0		121	68-138		4.89	30	
1,2,3-Trichlorobenzene	11		"	10.0		110	76-136		5.14	30	
1,2,3-Trichloropropane	10		"	10.0		102	77-128		0.874	30	
1,2,4-Trichlorobenzene	11		"	10.0		111	76-137		5.38	30	
1,2,4-Trimethylbenzene	10		"	10.0		104	82-132		1.94	30	
1,2-Dibromo-3-chloropropane	10		"	10.0		101	45-147		2.73	30	
1,2-Dibromoethane	10		"	10.0		102	83-124		3.17	30	
1,2-Dichlorobenzene	10		"	10.0		105	79-123		1.06	30	
1,2-Dichloroethane	9.8		"	10.0		98.3	73-132		3.40	30	
1,2-Dichloropropane	9.7		"	10.0		97.4	78-126		0.308	30	
1,3,5-Trimethylbenzene	10		"	10.0		100	80-131		2.42	30	
1,3-Dichlorobenzene	10		"	10.0		101	86-122		0.394	30	
1,4-Dichlorobenzene	10		"	10.0		102	85-124		3.93	30	
1,4-Dioxane	270		"	200		134	10-349		9.99	30	
2-Butanone	9.0		"	10.0		89.9	49-152		11.7	30	
2-Hexanone	9.7		"	10.0		97.1	51-146		5.31	30	
4-Methyl-2-pentanone	9.5		"	10.0		94.9	57-145		6.72	30	
Acetone	8.4		"	10.0		83.7	14-150		20.1	30	
Acrolein	11		"	10.0		109	10-153		6.15	30	
Acrylonitrile	10		"	10.0		104	51-150		3.23	30	
Benzene	10		"	10.0		101	85-126		3.83	30	
Bromochloromethane	10		"	10.0		102	77-128		3.76	30	
Bromodichloromethane	10		"	10.0		101	79-128		2.30	30	
Bromoform	10		"	10.0		105	78-133		1.14	30	
Bromomethane	8.6		"	10.0		86.4	43-168		8.53	30	
Carbon disulfide	11		"	10.0		107	68-146		0.838	30	
Carbon tetrachloride	10		"	10.0		104	77-141		3.31	30	
Chlorobenzene	10		"	10.0		102	88-120		0.684	30	
Chloroethane	7.5		"	10.0		75.2	65-136		6.68	30	
Chloroform	10		"	10.0		104	82-128		1.94	30	
Chloromethane	8.4		"	10.0		83.8	43-155		11.4	30	
cis-1,2-Dichloroethylene	11		"	10.0		105	83-129		2.60	30	
cis-1,3-Dichloropropylene	10		"	10.0		101	80-131		1.30	30	
Cyclohexane	22		"	10.0		224	63-149	High Bias	2.90	30	
Dibromochloromethane	10		"	10.0		102	80-130		1.65	30	
Dibromomethane	10		"	10.0		100	72-134		0.200	30	
Dichlorodifluoromethane	9.1		"	10.0		91.2	44-144		3.77	30	
Ethyl Benzene	10		"	10.0		102	80-131		1.98	30	
Hexachlorobutadiene	11		"	10.0		108	67-146		6.38	30	
Isopropylbenzene	10		"	10.0		102	76-140		5.12	30	
Methyl acetate	9.8		"	10.0		98.2	51-139		8.39	30	
Methyl tert-butyl ether (MTBE)	10		"	10.0		102	76-135		5.26	30	
Methylcyclohexane	9.9		"	10.0		99.3	72-143		7.09	30	
Methylene chloride	9.4		"	10.0		94.4	55-137		5.16	30	
n-Butylbenzene	10		"	10.0		104	79-132		3.82	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BJ50993 - EPA 5030B

LCS Dup (BJ50993-BSD1)

Prepared & Analyzed: 10/20/2015

n-Propylbenzene	10		ug/L	10.0		101	78-133		2.70	30	
o-Xylene	10		"	10.0		101	78-130		0.695	30	
p- & m- Xylenes	20		"	20.0		100	77-133		1.30	30	
p-Isopropyltoluene	10		"	10.0		104	81-136		3.34	30	
sec-Butylbenzene	10		"	10.0		102	79-137		2.08	30	
Styrene	10		"	10.0		102	67-132		0.390	30	
tert-Butyl alcohol (TBA)	7.4		"	10.0		73.9	25-162		33.0	30	Non-dir.
tert-Butylbenzene	10		"	10.0		103	77-138		0.487	30	
Tetrachloroethylene	10		"	10.0		103	82-131		6.82	30	
Toluene	10		"	10.0		101	80-127		2.81	30	
trans-1,2-Dichloroethylene	10		"	10.0		101	80-132		0.496	30	
trans-1,3-Dichloropropylene	10		"	10.0		104	78-131		0.0960	30	
Trichloroethylene	10		"	10.0		103	82-128		10.4	30	
Trichlorofluoromethane	9.2		"	10.0		92.4	67-139		3.09	30	
Vinyl Chloride	8.4		"	10.0		84.5	58-145		12.4	30	
Surrogate: 1,2-Dichloroethane-d4	10.2		"	10.0		102	69-130				
Surrogate: Toluene-d8	9.67		"	10.0		96.7	81-117				
Surrogate: p-Bromofluorobenzene	10.0		"	10.0		100	79-122				

Batch BJ51028 - EPA 5035A

Blank (BJ51028-BLK1)

Prepared & Analyzed: 10/20/2015

1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet
1,1,1-Trichloroethane	ND	5.0	"
1,1,2,2-Tetrachloroethane	ND	5.0	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"
1,1,2-Trichloroethane	ND	5.0	"
1,1-Dichloroethane	ND	5.0	"
1,1-Dichloroethylene	ND	5.0	"
1,2,3-Trichlorobenzene	ND	5.0	"
1,2,3-Trichloropropane	ND	5.0	"
1,2,4-Trichlorobenzene	ND	5.0	"
1,2,4-Trimethylbenzene	ND	5.0	"
1,2-Dibromo-3-chloropropane	ND	5.0	"
1,2-Dibromoethane	ND	5.0	"
1,2-Dichlorobenzene	ND	5.0	"
1,2-Dichloroethane	ND	5.0	"
1,2-Dichloropropane	ND	5.0	"
1,3,5-Trimethylbenzene	ND	5.0	"
1,3-Dichlorobenzene	ND	5.0	"
1,4-Dichlorobenzene	ND	5.0	"
1,4-Dioxane	ND	100	"
2-Butanone	ND	5.0	"
2-Hexanone	ND	5.0	"
4-Methyl-2-pentanone	ND	5.0	"
Acetone	ND	10	"
Acrolein	ND	10	"
Acrylonitrile	ND	5.0	"
Benzene	ND	5.0	"
Bromochloromethane	ND	5.0	"
Bromodichloromethane	ND	5.0	"
Bromoform	ND	5.0	"



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BJ51028 - EPA 5035A

Blank (BJ51028-BLK1)

Prepared & Analyzed: 10/20/2015

Bromomethane	ND	5.0	ug/kg wet								
Carbon disulfide	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Cyclohexane	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl acetate	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylcyclohexane	ND	5.0	"								
Methylene chloride	ND	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butyl alcohol (TBA)	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: 1,2-Dichloroethane-d4	51.4		ug/L	50.0		103	77-125				
Surrogate: Toluene-d8	47.8		"	50.0		95.6	85-120				
Surrogate: p-Bromofluorobenzene	52.6		"	50.0		105	76-130				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ51028 - EPA 5035A											
LCS (BJ51028-BS1)						Prepared & Analyzed: 10/20/2015					
1,1,1,2-Tetrachloroethane	51		ug/L	50.0		102	75-129				
1,1,1-Trichloroethane	59		"	50.0		118	71-137				
1,1,2,2-Tetrachloroethane	56		"	50.0		113	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	58		"	50.0		116	58-146				
1,1,2-Trichloroethane	59		"	50.0		118	83-123				
1,1-Dichloroethane	61		"	50.0		122	75-130				
1,1-Dichloroethylene	60		"	50.0		120	64-137				
1,2,3-Trichlorobenzene	52		"	50.0		103	81-140				
1,2,3-Trichloropropane	50		"	50.0		99.9	81-126				
1,2,4-Trichlorobenzene	51		"	50.0		102	80-141				
1,2,4-Trimethylbenzene	53		"	50.0		106	84-125				
1,2-Dibromo-3-chloropropane	56		"	50.0		113	74-142				
1,2-Dibromoethane	56		"	50.0		111	86-123				
1,2-Dichlorobenzene	49		"	50.0		98.7	85-122				
1,2-Dichloroethane	63		"	50.0		125	71-133				
1,2-Dichloropropane	58		"	50.0		116	81-122				
1,3,5-Trimethylbenzene	52		"	50.0		105	82-126				
1,3-Dichlorobenzene	48		"	50.0		96.2	84-124				
1,4-Dichlorobenzene	49		"	50.0		97.1	84-124				
1,4-Dioxane	1300		"	1000		127	10-228				
2-Butanone	55		"	50.0		110	58-147				
2-Hexanone	56		"	50.0		112	70-139				
4-Methyl-2-pentanone	55		"	50.0		110	72-132				
Acetone	56		"	50.0		113	36-155				
Acrolein	27		"	50.0		54.8	10-238				
Acrylonitrile	59		"	50.0		118	66-141				
Benzene	60		"	50.0		119	77-127				
Bromochloromethane	60		"	50.0		120	74-129				
Bromodichloromethane	59		"	50.0		118	81-124				
Bromoform	56		"	50.0		112	80-136				
Bromomethane	30		"	50.0		60.4	32-177				
Carbon disulfide	57		"	50.0		114	10-136				
Carbon tetrachloride	56		"	50.0		111	66-143				
Chlorobenzene	55		"	50.0		111	86-120				
Chloroethane	41		"	50.0		81.3	51-142				
Chloroform	62		"	50.0		125	76-131				
Chloromethane	33		"	50.0		65.5	49-132				
cis-1,2-Dichloroethylene	59		"	50.0		117	74-132				
cis-1,3-Dichloropropylene	58		"	50.0		115	81-129				
Cyclohexane	58		"	50.0		116	70-130				
Dibromochloromethane	52		"	50.0		103	10-200				
Dibromomethane	57		"	50.0		114	83-124				
Dichlorodifluoromethane	34		"	50.0		68.7	28-158				
Ethyl Benzene	59		"	50.0		118	84-125				
Hexachlorobutadiene	52		"	50.0		103	83-133				
Isopropylbenzene	53		"	50.0		106	81-127				
Methyl acetate	59		"	50.0		118	41-143				
Methyl tert-butyl ether (MTBE)	63		"	50.0		127	74-131				
Methylcyclohexane	58		"	50.0		116	70-130				
Methylene chloride	49		"	50.0		97.5	57-141				
n-Butylbenzene	56		"	50.0		112	80-130				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ51028 - EPA 5035A											
LCS (BJ51028-BS1)						Prepared & Analyzed: 10/20/2015					
n-Propylbenzene	57		ug/L	50.0		113	74-136				
o-Xylene	60		"	50.0		121	83-123				
p- & m- Xylenes	120		"	100		117	82-128				
p-Isopropyltoluene	51		"	50.0		101	85-125				
sec-Butylbenzene	53		"	50.0		105	83-125				
Styrene	55		"	50.0		110	86-126				
tert-Butyl alcohol (TBA)	61		"	50.0		122	70-130				
tert-Butylbenzene	51		"	50.0		102	80-127				
Tetrachloroethylene	58		"	50.0		115	80-129				
Toluene	59		"	50.0		118	85-121				
trans-1,2-Dichloroethylene	60		"	50.0		121	72-132				
trans-1,3-Dichloropropylene	59		"	50.0		118	78-132				
Trichloroethylene	57		"	50.0		113	84-123				
Trichlorofluoromethane	54		"	50.0		109	62-140				
Vinyl Chloride	38		"	50.0		75.9	52-130				
Surrogate: 1,2-Dichloroethane-d4	51.3		"	50.0		103	77-125				
Surrogate: Toluene-d8	47.3		"	50.0		94.6	85-120				
Surrogate: p-Bromofluorobenzene	52.7		"	50.0		105	76-130				
LCS Dup (BJ51028-BSD1)						Prepared & Analyzed: 10/20/2015					
1,1,1,2-Tetrachloroethane	50		ug/L	50.0		101	75-129		0.848	30	
1,1,1-Trichloroethane	59		"	50.0		117	71-137		0.797	30	
1,1,2,2-Tetrachloroethane	57		"	50.0		113	79-129		0.602	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	57		"	50.0		114	58-146		1.43	30	
1,1,2-Trichloroethane	58		"	50.0		116	83-123		1.78	30	
1,1-Dichloroethane	61		"	50.0		122	75-130		0.197	30	
1,1-Dichloroethylene	59		"	50.0		118	64-137		1.51	30	
1,2,3-Trichlorobenzene	53		"	50.0		105	81-140		1.71	30	
1,2,3-Trichloropropane	51		"	50.0		102	81-126		2.55	30	
1,2,4-Trichlorobenzene	50		"	50.0		101	80-141		1.22	30	
1,2,4-Trimethylbenzene	52		"	50.0		105	84-125		1.03	30	
1,2-Dibromo-3-chloropropane	57		"	50.0		115	74-142		1.74	30	
1,2-Dibromoethane	56		"	50.0		112	86-123		0.663	30	
1,2-Dichlorobenzene	49		"	50.0		98.5	85-122		0.142	30	
1,2-Dichloroethane	63		"	50.0		125	71-133		0.208	30	
1,2-Dichloropropane	58		"	50.0		116	81-122		0.155	30	
1,3,5-Trimethylbenzene	52		"	50.0		104	82-126		1.08	30	
1,3-Dichlorobenzene	48		"	50.0		96.6	84-124		0.394	30	
1,4-Dichlorobenzene	48		"	50.0		96.7	84-124		0.475	30	
1,4-Dioxane	1300		"	1000		130	10-228		2.40	30	
2-Butanone	58		"	50.0		116	58-147		5.48	30	
2-Hexanone	58		"	50.0		116	70-139		3.56	30	
4-Methyl-2-pentanone	56		"	50.0		113	72-132		2.44	30	
Acetone	57		"	50.0		114	36-155		1.01	30	
Acrolein	32		"	50.0		64.8	10-238		16.7	30	
Acrylonitrile	59		"	50.0		117	66-141		0.272	30	
Benzene	59		"	50.0		118	77-127		0.623	30	
Bromochloromethane	59		"	50.0		118	74-129		1.71	30	
Bromodichloromethane	59		"	50.0		118	81-124		0.340	30	
Bromoform	55		"	50.0		111	80-136		1.06	30	
Bromomethane	47		"	50.0		93.8	32-177		43.2	30	Non-dir.
Carbon disulfide	56		"	50.0		112	10-136		2.32	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ51028 - EPA 5035A											
LCS Dup (BJ51028-BSD1)						Prepared & Analyzed: 10/20/2015					
Carbon tetrachloride	55		ug/L	50.0		111	66-143		0.757	30	
Chlorobenzene	54		"	50.0		109	86-120		1.69	30	
Chloroethane	56		"	50.0		112	51-142		32.0	30	Non-dir.
Chloroform	62		"	50.0		124	76-131		0.401	30	
Chloromethane	58		"	50.0		116	49-132		55.7	30	Non-dir.
cis-1,2-Dichloroethylene	58		"	50.0		116	74-132		0.753	30	
cis-1,3-Dichloropropylene	58		"	50.0		115	81-129		0.0347	30	
Cyclohexane	58		"	50.0		115	70-130		0.899	30	
Dibromochloromethane	53		"	50.0		105	10-200		2.19	30	
Dibromomethane	58		"	50.0		116	83-124		1.59	30	
Dichlorodifluoromethane	67		"	50.0		133	28-158		63.7	30	Non-dir.
Ethyl Benzene	58		"	50.0		117	84-125		0.597	30	
Hexachlorobutadiene	52		"	50.0		104	83-133		0.770	30	
Isopropylbenzene	53		"	50.0		105	81-127		1.06	30	
Methyl acetate	53		"	50.0		107	41-143		9.65	30	
Methyl tert-butyl ether (MTBE)	65		"	50.0		129	74-131		2.19	30	
Methylcyclohexane	58		"	50.0		116	70-130		0.241	30	
Methylene chloride	49		"	50.0		98.2	57-141		0.716	30	
n-Butylbenzene	55		"	50.0		109	80-130		2.21	30	
n-Propylbenzene	57		"	50.0		113	74-136		0.230	30	
o-Xylene	59		"	50.0		119	83-123		1.50	30	
p- & m- Xylenes	120		"	100		118	82-128		0.366	30	
p-Isopropyltoluene	50		"	50.0		99.3	85-125		1.70	30	
sec-Butylbenzene	52		"	50.0		104	83-125		0.991	30	
Styrene	54		"	50.0		109	86-126		0.971	30	
tert-Butyl alcohol (TBA)	64		"	50.0		128	70-130		4.60	30	
tert-Butylbenzene	51		"	50.0		102	80-127		0.548	30	
Tetrachloroethylene	57		"	50.0		113	80-129		1.82	30	
Toluene	58		"	50.0		116	85-121		1.36	30	
trans-1,2-Dichloroethylene	61		"	50.0		121	72-132		0.165	30	
trans-1,3-Dichloropropylene	58		"	50.0		116	78-132		1.51	30	
Trichloroethylene	56		"	50.0		112	84-123		0.869	30	
Trichlorofluoromethane	54		"	50.0		109	62-140		0.0368	30	
Vinyl Chloride	58		"	50.0		117	52-130		42.7	30	Non-dir.
Surrogate: 1,2-Dichloroethane-d4	52.8		"	50.0		106	77-125				
Surrogate: Toluene-d8	48.0		"	50.0		96.1	85-120				
Surrogate: p-Bromofluorobenzene	52.6		"	50.0		105	76-130				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BJ51031 - EPA 5035A

Blank (BJ51031-BLK1)

Prepared: 10/20/2015 Analyzed: 10/21/2015

1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet
1,1,1-Trichloroethane	ND	5.0	"
1,1,2,2-Tetrachloroethane	ND	5.0	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"
1,1,2-Trichloroethane	ND	5.0	"
1,1-Dichloroethane	ND	5.0	"
1,1-Dichloroethylene	ND	5.0	"
1,2,3-Trichlorobenzene	ND	5.0	"
1,2,3-Trichloropropane	ND	5.0	"
1,2,4-Trichlorobenzene	ND	5.0	"
1,2,4-Trimethylbenzene	ND	5.0	"
1,2-Dibromo-3-chloropropane	ND	5.0	"
1,2-Dibromoethane	ND	5.0	"
1,2-Dichlorobenzene	ND	5.0	"
1,2-Dichloroethane	ND	5.0	"
1,2-Dichloropropane	ND	5.0	"
1,3,5-Trimethylbenzene	ND	5.0	"
1,3-Dichlorobenzene	ND	5.0	"
1,4-Dichlorobenzene	ND	5.0	"
1,4-Dioxane	ND	100	"
2-Butanone	ND	5.0	"
2-Hexanone	ND	5.0	"
4-Methyl-2-pentanone	ND	5.0	"
Acetone	ND	10	"
Acrolein	ND	10	"
Acrylonitrile	ND	5.0	"
Benzene	ND	5.0	"
Bromochloromethane	ND	5.0	"
Bromodichloromethane	ND	5.0	"
Bromoform	ND	5.0	"
Bromomethane	ND	5.0	"
Carbon disulfide	ND	5.0	"
Carbon tetrachloride	ND	5.0	"
Chlorobenzene	ND	5.0	"
Chloroethane	ND	5.0	"
Chloroform	ND	5.0	"
Chloromethane	ND	5.0	"
cis-1,2-Dichloroethylene	ND	5.0	"
cis-1,3-Dichloropropylene	ND	5.0	"
Cyclohexane	ND	5.0	"
Dibromochloromethane	ND	5.0	"
Dibromomethane	ND	5.0	"
Dichlorodifluoromethane	ND	5.0	"
Ethyl Benzene	ND	5.0	"
Hexachlorobutadiene	ND	5.0	"
Isopropylbenzene	ND	5.0	"
Methyl acetate	ND	5.0	"
Methyl tert-butyl ether (MTBE)	ND	5.0	"
Methylcyclohexane	ND	5.0	"
Methylene chloride	ND	10	"
n-Butylbenzene	ND	5.0	"



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BJ51031 - EPA 5035A

Blank (BJ51031-BLK1)

Prepared: 10/20/2015 Analyzed: 10/21/2015

n-Propylbenzene	ND	5.0	ug/kg wet
o-Xylene	ND	5.0	"
p- & m- Xylenes	ND	10	"
p-Isopropyltoluene	ND	5.0	"
sec-Butylbenzene	ND	5.0	"
Styrene	ND	5.0	"
tert-Butyl alcohol (TBA)	ND	5.0	"
tert-Butylbenzene	ND	5.0	"
Tetrachloroethylene	ND	5.0	"
Toluene	ND	5.0	"
trans-1,2-Dichloroethylene	ND	5.0	"
trans-1,3-Dichloropropylene	ND	5.0	"
Trichloroethylene	ND	5.0	"
Trichlorofluoromethane	ND	5.0	"
Vinyl Chloride	ND	5.0	"
Xylenes, Total	ND	15	"

Surrogate: 1,2-Dichloroethane-d4	61.4	ug/L	50.0	123	77-125
Surrogate: Toluene-d8	45.4	"	50.0	90.7	85-120
Surrogate: p-Bromofluorobenzene	56.9	"	50.0	114	76-130

LCS (BJ51031-BS1)

Prepared: 10/20/2015 Analyzed: 10/21/2015

1,1,1,2-Tetrachloroethane	52	ug/L	50.0	104	75-129	
1,1,1-Trichloroethane	72	"	50.0	144	71-137	High Bias
1,1,2,2-Tetrachloroethane	37	"	50.0	74.8	79-129	Low Bias
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	53	"	50.0	106	58-146	
1,1,2-Trichloroethane	46	"	50.0	91.8	83-123	
1,1-Dichloroethane	56	"	50.0	111	75-130	
1,1-Dichloroethylene	48	"	50.0	96.8	64-137	
1,2,3-Trichlorobenzene	54	"	50.0	109	81-140	
1,2,3-Trichloropropane	44	"	50.0	88.9	81-126	
1,2,4-Trichlorobenzene	49	"	50.0	98.6	80-141	
1,2,4-Trimethylbenzene	44	"	50.0	88.4	84-125	
1,2-Dibromo-3-chloropropane	49	"	50.0	98.7	74-142	
1,2-Dibromoethane	52	"	50.0	104	86-123	
1,2-Dichlorobenzene	45	"	50.0	90.2	85-122	
1,2-Dichloroethane	67	"	50.0	133	71-133	
1,2-Dichloropropane	44	"	50.0	87.4	81-122	
1,3,5-Trimethylbenzene	46	"	50.0	92.3	82-126	
1,3-Dichlorobenzene	46	"	50.0	92.1	84-124	
1,4-Dichlorobenzene	46	"	50.0	92.2	84-124	
1,4-Dioxane	1000	"	1000	104	10-228	
2-Butanone	60	"	50.0	120	58-147	
2-Hexanone	44	"	50.0	88.1	70-139	
4-Methyl-2-pentanone	48	"	50.0	96.9	72-132	
Acetone	39	"	50.0	77.7	36-155	
Acrolein	22	"	50.0	43.4	10-238	
Acrylonitrile	48	"	50.0	96.4	66-141	
Benzene	51	"	50.0	102	77-127	
Bromochloromethane	52	"	50.0	104	74-129	
Bromodichloromethane	53	"	50.0	107	81-124	
Bromoform	50	"	50.0	100	80-136	
Bromomethane	55	"	50.0	109	32-177	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BJ51031 - EPA 5035A

LCS (BJ51031-BS1)

Prepared: 10/20/2015 Analyzed: 10/21/2015

Carbon disulfide	48		ug/L	50.0		95.3	10-136				
Carbon tetrachloride	76		"	50.0		152	66-143	High Bias			
Chlorobenzene	49		"	50.0		97.8	86-120				
Chloroethane	49		"	50.0		97.8	51-142				
Chloroform	61		"	50.0		123	76-131				
Chloromethane	46		"	50.0		92.3	49-132				
cis-1,2-Dichloroethylene	54		"	50.0		109	74-132				
cis-1,3-Dichloropropylene	48		"	50.0		96.4	81-129				
Cyclohexane	53		"	50.0		106	70-130				
Dibromochloromethane	56		"	50.0		111	10-200				
Dibromomethane	53		"	50.0		105	83-124				
Dichlorodifluoromethane	72		"	50.0		144	28-158				
Ethyl Benzene	48		"	50.0		95.2	84-125				
Hexachlorobutadiene	61		"	50.0		121	83-133				
Isopropylbenzene	42		"	50.0		84.0	81-127				
Methyl acetate	46		"	50.0		91.1	41-143				
Methyl tert-butyl ether (MTBE)	66		"	50.0		131	74-131				
Methylcyclohexane	47		"	50.0		94.3	70-130				
Methylene chloride	43		"	50.0		86.7	57-141				
n-Butylbenzene	42		"	50.0		83.2	80-130				
n-Propylbenzene	40		"	50.0		80.0	74-136				
o-Xylene	50		"	50.0		101	83-123				
p- & m- Xylenes	99		"	100		99.1	82-128				
p-Isopropyltoluene	46		"	50.0		91.7	85-125				
sec-Butylbenzene	44		"	50.0		87.1	83-125				
Styrene	51		"	50.0		101	86-126				
tert-Butyl alcohol (TBA)	59		"	50.0		117	70-130				
tert-Butylbenzene	46		"	50.0		91.1	80-127				
Tetrachloroethylene	61		"	50.0		122	80-129				
Toluene	46		"	50.0		92.2	85-121				
trans-1,2-Dichloroethylene	54		"	50.0		109	72-132				
trans-1,3-Dichloropropylene	50		"	50.0		101	78-132				
Trichloroethylene	53		"	50.0		107	84-123				
Trichlorofluoromethane	54		"	50.0		108	62-140				
Vinyl Chloride	51		"	50.0		102	52-130				
Surrogate: 1,2-Dichloroethane-d4	58.5		"	50.0		117	77-125				
Surrogate: Toluene-d8	43.7		"	50.0		87.4	85-120				
Surrogate: p-Bromofluorobenzene	53.0		"	50.0		106	76-130				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ51031 - EPA 5035A											
LCS Dup (BJ51031-BSD1)						Prepared: 10/20/2015 Analyzed: 10/21/2015					
1,1,1,2-Tetrachloroethane	52		ug/L	50.0		104	75-129		0.192	30	
1,1,1-Trichloroethane	73		"	50.0		146	71-137	High Bias	1.39	30	
1,1,2,2-Tetrachloroethane	39		"	50.0		78.0	79-129	Low Bias	4.11	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	52		"	50.0		104	58-146		1.35	30	
1,1,2-Trichloroethane	45		"	50.0		89.7	83-123		2.31	30	
1,1-Dichloroethane	54		"	50.0		108	75-130		2.92	30	
1,1-Dichloroethylene	46		"	50.0		91.2	64-137		5.98	30	
1,2,3-Trichlorobenzene	54		"	50.0		108	81-140		0.647	30	
1,2,3-Trichloropropane	45		"	50.0		90.5	81-126		1.78	30	
1,2,4-Trichlorobenzene	52		"	50.0		104	80-141		5.16	30	
1,2,4-Trimethylbenzene	45		"	50.0		89.2	84-125		0.991	30	
1,2-Dibromo-3-chloropropane	51		"	50.0		102	74-142		3.27	30	
1,2-Dibromoethane	52		"	50.0		103	86-123		1.08	30	
1,2-Dichlorobenzene	47		"	50.0		94.0	85-122		4.08	30	
1,2-Dichloroethane	66		"	50.0		132	71-133		0.783	30	
1,2-Dichloropropane	42		"	50.0		84.6	81-122		3.21	30	
1,3,5-Trimethylbenzene	46		"	50.0		91.6	82-126		0.740	30	
1,3-Dichlorobenzene	47		"	50.0		93.7	84-124		1.68	30	
1,4-Dichlorobenzene	47		"	50.0		94.9	84-124		2.82	30	
1,4-Dioxane	980		"	1000		98.0	10-228		6.26	30	
2-Butanone	60		"	50.0		119	58-147		1.19	30	
2-Hexanone	43		"	50.0		86.3	70-139		2.13	30	
4-Methyl-2-pentanone	45		"	50.0		90.6	72-132		6.70	30	
Acetone	38		"	50.0		76.4	36-155		1.74	30	
Acrolein	28		"	50.0		56.5	10-238		26.3	30	
Acrylonitrile	48		"	50.0		96.8	66-141		0.414	30	
Benzene	52		"	50.0		104	77-127		1.52	30	
Bromochloromethane	52		"	50.0		104	74-129		0.538	30	
Bromodichloromethane	53		"	50.0		106	81-124		0.488	30	
Bromoform	52		"	50.0		104	80-136		3.41	30	
Bromomethane	53		"	50.0		105	32-177		3.76	30	
Carbon disulfide	46		"	50.0		92.6	10-136		2.92	30	
Carbon tetrachloride	76		"	50.0		152	66-143	High Bias	0.249	30	
Chlorobenzene	49		"	50.0		98.7	86-120		0.916	30	
Chloroethane	48		"	50.0		95.9	51-142		1.94	30	
Chloroform	61		"	50.0		123	76-131		0.0326	30	
Chloromethane	45		"	50.0		90.6	49-132		1.84	30	
cis-1,2-Dichloroethylene	54		"	50.0		107	74-132		1.39	30	
cis-1,3-Dichloropropylene	47		"	50.0		93.8	81-129		2.78	30	
Cyclohexane	51		"	50.0		101	70-130		4.37	30	
Dibromochloromethane	55		"	50.0		110	10-200		0.902	30	
Dibromomethane	51		"	50.0		103	83-124		2.46	30	
Dichlorodifluoromethane	70		"	50.0		141	28-158		1.79	30	
Ethyl Benzene	49		"	50.0		97.1	84-125		2.04	30	
Hexachlorobutadiene	61		"	50.0		121	83-133		0.165	30	
Isopropylbenzene	46		"	50.0		91.3	81-127		8.32	30	
Methyl acetate	46		"	50.0		92.2	41-143		1.13	30	
Methyl tert-butyl ether (MTBE)	67		"	50.0		135	74-131	High Bias	2.87	30	
Methylcyclohexane	45		"	50.0		90.2	70-130		4.42	30	
Methylene chloride	43		"	50.0		86.0	57-141		0.741	30	
n-Butylbenzene	42		"	50.0		84.2	80-130		1.17	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BJ51031 - EPA 5035A

LCS Dup (BJ51031-BSD1)

Prepared: 10/20/2015 Analyzed: 10/21/2015

n-Propylbenzene	41		ug/L	50.0		82.7	74-136		3.34	30
o-Xylene	48		"	50.0		96.9	83-123		4.14	30
p- & m- Xylenes	100		"	100		103	82-128		4.30	30
p-Isopropyltoluene	45		"	50.0		90.8	85-125		1.03	30
sec-Butylbenzene	43		"	50.0		85.6	83-125		1.74	30
Styrene	49		"	50.0		98.4	86-126		3.00	30
tert-Butyl alcohol (TBA)	58		"	50.0		117	70-130		0.632	30
tert-Butylbenzene	45		"	50.0		90.5	80-127		0.661	30
Tetrachloroethylene	60		"	50.0		119	80-129		2.47	30
Toluene	44		"	50.0		88.9	85-121		3.69	30
trans-1,2-Dichloroethylene	55		"	50.0		111	72-132		1.48	30
trans-1,3-Dichloropropylene	50		"	50.0		101	78-132		0.0594	30
Trichloroethylene	53		"	50.0		106	84-123		0.376	30
Trichlorofluoromethane	52		"	50.0		104	62-140		3.48	30
Vinyl Chloride	50		"	50.0		100	52-130		1.84	30
Surrogate: 1,2-Dichloroethane-d4	60.2		"	50.0		120	77-125			
Surrogate: Toluene-d8	43.8		"	50.0		87.6	85-120			
Surrogate: p-Bromofluorobenzene	54.2		"	50.0		108	76-130			

Batch BJ51061 - EPA 5030B/1311

Blank (BJ51061-BLK1)

Prepared & Analyzed: 10/21/2015

1,1-Dichloroethylene	ND	0.0050	mg/L							
1,2-Dichloroethane	ND	0.0050	"							
1,4-Dichlorobenzene	ND	0.0050	"							
2-Butanone	ND	0.0050	"							
Benzene	ND	0.0050	"							
Carbon tetrachloride	ND	0.0050	"							
Chlorobenzene	ND	0.0050	"							
Chloroform	ND	0.0050	"							
Tetrachloroethylene	ND	0.0050	"							
Trichloroethylene	ND	0.0050	"							
Vinyl Chloride	ND	0.0050	"							
Surrogate: 1,2-Dichloroethane-d4	52.8		ug/L	50.0		106	65-135			
Surrogate: p-Bromofluorobenzene	49.2		"	50.0		98.4	81-114			
Surrogate: Toluene-d8	51.0		"	50.0		102	86-118			



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BJ51061 - EPA 5030B/1311

LCS (BJ51061-BS1)

Prepared & Analyzed: 10/21/2015

1,1-Dichloroethylene	59		ug/L	50.0		118	68-134				
1,2-Dichloroethane	55		"	50.0		110	69-133				
1,4-Dichlorobenzene	57		"	50.0		113	82-124				
2-Butanone	59		"	50.0		118	44-169				
Benzene	57		"	50.0		113	72-134				
Carbon tetrachloride	59		"	50.0		118	62-145				
Chlorobenzene	56		"	50.0		112	85-119				
Chloroform	56		"	50.0		112	74-131				
Tetrachloroethylene	59		"	50.0		118	78-133				
Trichloroethylene	58		"	50.0		115	81-125				
Vinyl Chloride	62		"	50.0		124	42-136				

Surrogate: 1,2-Dichloroethane-d4

50.1

"

50.0

100

65-135

Surrogate: p-Bromofluorobenzene

49.3

"

50.0

98.6

81-114

Surrogate: Toluene-d8

50.2

"

50.0

100

86-118

LCS Dup (BJ51061-BSD1)

Prepared & Analyzed: 10/21/2015

1,1-Dichloroethylene	56		ug/L	50.0		111	68-134		5.93	30	
1,2-Dichloroethane	51		"	50.0		102	69-133		7.85	30	
1,4-Dichlorobenzene	53		"	50.0		107	82-124		5.82	30	
2-Butanone	62		"	50.0		125	44-169		5.25	30	
Benzene	55		"	50.0		110	72-134		2.60	30	
Carbon tetrachloride	58		"	50.0		116	62-145		1.86	30	
Chlorobenzene	53		"	50.0		106	85-119		5.32	30	
Chloroform	54		"	50.0		107	74-131		4.14	30	
Tetrachloroethylene	55		"	50.0		110	78-133		7.10	30	
Trichloroethylene	55		"	50.0		110	81-125		4.85	30	
Vinyl Chloride	59		"	50.0		117	42-136		5.57	30	

Surrogate: 1,2-Dichloroethane-d4

50.4

"

50.0

101

65-135

Surrogate: p-Bromofluorobenzene

49.9

"

50.0

99.8

81-114

Surrogate: Toluene-d8

48.9

"

50.0

97.9

86-118



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BJ51100 - EPA 5035A

Blank (BJ51100-BLK1)

Prepared & Analyzed: 10/21/2015

1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet
1,1,1-Trichloroethane	ND	5.0	"
1,1,2,2-Tetrachloroethane	ND	5.0	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"
1,1,2-Trichloroethane	ND	5.0	"
1,1-Dichloroethane	ND	5.0	"
1,1-Dichloroethylene	ND	5.0	"
1,2,3-Trichlorobenzene	ND	5.0	"
1,2,3-Trichloropropane	ND	5.0	"
1,2,4-Trichlorobenzene	ND	5.0	"
1,2,4-Trimethylbenzene	ND	5.0	"
1,2-Dibromo-3-chloropropane	ND	5.0	"
1,2-Dibromoethane	ND	5.0	"
1,2-Dichlorobenzene	ND	5.0	"
1,2-Dichloroethane	ND	5.0	"
1,2-Dichloropropane	ND	5.0	"
1,3,5-Trimethylbenzene	ND	5.0	"
1,3-Dichlorobenzene	ND	5.0	"
1,4-Dichlorobenzene	ND	5.0	"
1,4-Dioxane	ND	100	"
2-Butanone	ND	5.0	"
2-Hexanone	ND	5.0	"
4-Methyl-2-pentanone	ND	5.0	"
Acetone	ND	10	"
Acrolein	ND	10	"
Acrylonitrile	ND	5.0	"
Benzene	ND	5.0	"
Bromochloromethane	ND	5.0	"
Bromodichloromethane	ND	5.0	"
Bromoform	ND	5.0	"
Bromomethane	ND	5.0	"
Carbon disulfide	ND	5.0	"
Carbon tetrachloride	ND	5.0	"
Chlorobenzene	ND	5.0	"
Chloroethane	ND	5.0	"
Chloroform	ND	5.0	"
Chloromethane	ND	5.0	"
cis-1,2-Dichloroethylene	ND	5.0	"
cis-1,3-Dichloropropylene	ND	5.0	"
Cyclohexane	ND	5.0	"
Dibromochloromethane	ND	5.0	"
Dibromomethane	ND	5.0	"
Dichlorodifluoromethane	ND	5.0	"
Ethyl Benzene	ND	5.0	"
Hexachlorobutadiene	ND	5.0	"
Isopropylbenzene	ND	5.0	"
Methyl acetate	ND	5.0	"
Methyl tert-butyl ether (MTBE)	ND	5.0	"
Methylcyclohexane	ND	5.0	"
Methylene chloride	ND	10	"
n-Butylbenzene	ND	5.0	"



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BJ51100 - EPA 5035A

Blank (BJ51100-BLK1)

Prepared & Analyzed: 10/21/2015

n-Propylbenzene	ND	5.0	ug/kg wet
o-Xylene	ND	5.0	"
p- & m- Xylenes	ND	10	"
p-Isopropyltoluene	ND	5.0	"
sec-Butylbenzene	ND	5.0	"
Styrene	ND	5.0	"
tert-Butyl alcohol (TBA)	ND	5.0	"
tert-Butylbenzene	ND	5.0	"
Tetrachloroethylene	ND	5.0	"
Toluene	ND	5.0	"
trans-1,2-Dichloroethylene	ND	5.0	"
trans-1,3-Dichloropropylene	ND	5.0	"
Trichloroethylene	ND	5.0	"
Trichlorofluoromethane	ND	5.0	"
Vinyl Chloride	ND	5.0	"
Xylenes, Total	ND	15	"

Surrogate: 1,2-Dichloroethane-d4	52.8	ug/L	50.0	106	77-125
Surrogate: Toluene-d8	51.0	"	50.0	102	85-120
Surrogate: p-Bromofluorobenzene	49.2	"	50.0	98.4	76-130

LCS (BJ51100-BS1)

Prepared & Analyzed: 10/21/2015

1,1,1,2-Tetrachloroethane	55	ug/L	50.0	110	75-129
1,1,1-Trichloroethane	59	"	50.0	117	71-137
1,1,2,2-Tetrachloroethane	56	"	50.0	112	79-129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	60	"	50.0	121	58-146
1,1,2-Trichloroethane	56	"	50.0	113	83-123
1,1-Dichloroethane	56	"	50.0	112	75-130
1,1-Dichloroethylene	59	"	50.0	118	64-137
1,2,3-Trichlorobenzene	56	"	50.0	112	81-140
1,2,3-Trichloropropane	58	"	50.0	116	81-126
1,2,4-Trichlorobenzene	55	"	50.0	110	80-141
1,2,4-Trimethylbenzene	58	"	50.0	116	84-125
1,2-Dibromo-3-chloropropane	62	"	50.0	124	74-142
1,2-Dibromoethane	56	"	50.0	113	86-123
1,2-Dichlorobenzene	56	"	50.0	112	85-122
1,2-Dichloroethane	55	"	50.0	110	71-133
1,2-Dichloropropane	56	"	50.0	113	81-122
1,3,5-Trimethylbenzene	56	"	50.0	112	82-126
1,3-Dichlorobenzene	55	"	50.0	111	84-124
1,4-Dichlorobenzene	57	"	50.0	113	84-124
1,4-Dioxane	1300	"	1000	134	10-228
2-Butanone	59	"	50.0	118	58-147
2-Hexanone	62	"	50.0	125	70-139
4-Methyl-2-pentanone	60	"	50.0	119	72-132
Acetone	59	"	50.0	118	36-155
Acrolein	62	"	50.0	124	10-238
Acrylonitrile	62	"	50.0	125	66-141
Benzene	57	"	50.0	113	77-127
Bromochloromethane	52	"	50.0	104	74-129
Bromodichloromethane	56	"	50.0	111	81-124
Bromoform	56	"	50.0	112	80-136
Bromomethane	54	"	50.0	109	32-177



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BJ51100 - EPA 5035A

LCS (BJ51100-BS1)

Prepared & Analyzed: 10/21/2015

Carbon disulfide	57		ug/L	50.0		114	10-136				
Carbon tetrachloride	59		"	50.0		118	66-143				
Chlorobenzene	56		"	50.0		112	86-120				
Chloroethane	59		"	50.0		118	51-142				
Chloroform	56		"	50.0		112	76-131				
Chloromethane	62		"	50.0		123	49-132				
cis-1,2-Dichloroethylene	57		"	50.0		113	74-132				
cis-1,3-Dichloropropylene	56		"	50.0		113	81-129				
Cyclohexane	60		"	50.0		120	70-130				
Dibromochloromethane	56		"	50.0		112	10-200				
Dibromomethane	55		"	50.0		109	83-124				
Dichlorodifluoromethane	72		"	50.0		144	28-158				
Ethyl Benzene	57		"	50.0		114	84-125				
Hexachlorobutadiene	60		"	50.0		120	83-133				
Isopropylbenzene	60		"	50.0		119	81-127				
Methyl acetate	48		"	50.0		95.1	41-143				
Methyl tert-butyl ether (MTBE)	54		"	50.0		108	74-131				
Methylcyclohexane	59		"	50.0		118	70-130				
Methylene chloride	51		"	50.0		101	57-141				
n-Butylbenzene	58		"	50.0		116	80-130				
n-Propylbenzene	59		"	50.0		118	74-136				
o-Xylene	58		"	50.0		116	83-123				
p- & m- Xylenes	120		"	100		115	82-128				
p-Isopropyltoluene	59		"	50.0		117	85-125				
sec-Butylbenzene	59		"	50.0		118	83-125				
Styrene	58		"	50.0		115	86-126				
tert-Butyl alcohol (TBA)	62		"	50.0		124	70-130				
tert-Butylbenzene	60		"	50.0		121	80-127				
Tetrachloroethylene	59		"	50.0		118	80-129				
Toluene	57		"	50.0		115	85-121				
trans-1,2-Dichloroethylene	56		"	50.0		112	72-132				
trans-1,3-Dichloropropylene	55		"	50.0		111	78-132				
Trichloroethylene	58		"	50.0		115	84-123				
Trichlorofluoromethane	61		"	50.0		122	62-140				
Vinyl Chloride	62		"	50.0		124	52-130				
Surrogate: 1,2-Dichloroethane-d4	50.1		"	50.0		100	77-125				
Surrogate: Toluene-d8	50.2		"	50.0		100	85-120				
Surrogate: p-Bromofluorobenzene	49.3		"	50.0		98.6	76-130				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ51100 - EPA 5035A											
LCS Dup (BJ51100-BSD1)						Prepared & Analyzed: 10/21/2015					
1,1,1,2-Tetrachloroethane	54		ug/L	50.0		107	75-129		2.98	30	
1,1,1-Trichloroethane	57		"	50.0		113	71-137		3.21	30	
1,1,2,2-Tetrachloroethane	54		"	50.0		108	79-129		4.18	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	57		"	50.0		115	58-146		5.12	30	
1,1,2-Trichloroethane	53		"	50.0		107	83-123		5.29	30	
1,1-Dichloroethane	53		"	50.0		107	75-130		5.09	30	
1,1-Dichloroethylene	56		"	50.0		111	64-137		5.93	30	
1,2,3-Trichlorobenzene	54		"	50.0		108	81-140		3.34	30	
1,2,3-Trichloropropane	57		"	50.0		114	81-126		1.91	30	
1,2,4-Trichlorobenzene	52		"	50.0		105	80-141		4.78	30	
1,2,4-Trimethylbenzene	55		"	50.0		110	84-125		5.50	30	
1,2-Dibromo-3-chloropropane	58		"	50.0		117	74-142		6.10	30	
1,2-Dibromoethane	53		"	50.0		107	86-123		5.48	30	
1,2-Dichlorobenzene	54		"	50.0		109	85-122		2.38	30	
1,2-Dichloroethane	51		"	50.0		102	71-133		7.85	30	
1,2-Dichloropropane	53		"	50.0		105	81-122		6.67	30	
1,3,5-Trimethylbenzene	56		"	50.0		113	82-126		0.587	30	
1,3-Dichlorobenzene	53		"	50.0		106	84-124		4.93	30	
1,4-Dichlorobenzene	53		"	50.0		107	84-124		5.82	30	
1,4-Dioxane	1200		"	1000		124	10-228		7.58	30	
2-Butanone	62		"	50.0		125	58-147		5.25	30	
2-Hexanone	61		"	50.0		122	70-139		2.84	30	
4-Methyl-2-pentanone	59		"	50.0		119	72-132		0.387	30	
Acetone	56		"	50.0		112	36-155		5.29	30	
Acrolein	61		"	50.0		121	10-238		1.75	30	
Acrylonitrile	58		"	50.0		117	66-141		6.72	30	
Benzene	55		"	50.0		110	77-127		2.60	30	
Bromochloromethane	51		"	50.0		102	74-129		1.81	30	
Bromodichloromethane	52		"	50.0		104	81-124		6.54	30	
Bromoform	54		"	50.0		107	80-136		4.34	30	
Bromomethane	45		"	50.0		89.6	32-177		19.2	30	
Carbon disulfide	55		"	50.0		111	10-136		3.40	30	
Carbon tetrachloride	58		"	50.0		116	66-143		1.86	30	
Chlorobenzene	53		"	50.0		106	86-120		5.32	30	
Chloroethane	57		"	50.0		114	51-142		3.34	30	
Chloroform	54		"	50.0		107	76-131		4.14	30	
Chloromethane	59		"	50.0		118	49-132		4.43	30	
cis-1,2-Dichloroethylene	54		"	50.0		108	74-132		5.17	30	
cis-1,3-Dichloropropylene	53		"	50.0		106	81-129		6.17	30	
Cyclohexane	58		"	50.0		115	70-130		4.02	30	
Dibromochloromethane	54		"	50.0		107	10-200		4.71	30	
Dibromomethane	51		"	50.0		102	83-124		6.45	30	
Dichlorodifluoromethane	66		"	50.0		131	28-158		8.80	30	
Ethyl Benzene	55		"	50.0		111	84-125		3.36	30	
Hexachlorobutadiene	56		"	50.0		111	83-133		7.10	30	
Isopropylbenzene	56		"	50.0		113	81-127		5.24	30	
Methyl acetate	45		"	50.0		89.3	41-143		6.34	30	
Methyl tert-butyl ether (MTBE)	53		"	50.0		105	74-131		2.61	30	
Methylcyclohexane	56		"	50.0		112	70-130		4.79	30	
Methylene chloride	48		"	50.0		96.2	57-141		4.95	30	
n-Butylbenzene	56		"	50.0		111	80-130		4.82	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BJ51100 - EPA 5035A

LCS Dup (BJ51100-BSD1)

Prepared & Analyzed: 10/21/2015

n-Propylbenzene	56		ug/L	50.0		113	74-136		4.15	30	
o-Xylene	53		"	50.0		107	83-123		8.57	30	
p- & m- Xylenes	110		"	100		109	82-128		5.64	30	
p-Isopropyltoluene	55		"	50.0		110	85-125		6.40	30	
sec-Butylbenzene	57		"	50.0		115	83-125		3.14	30	
Styrene	54		"	50.0		108	86-126		6.65	30	
tert-Butyl alcohol (TBA)	62		"	50.0		124	70-130		0.226	30	
tert-Butylbenzene	58		"	50.0		116	80-127		4.50	30	
Tetrachloroethylene	55		"	50.0		110	80-129		7.10	30	
Toluene	54		"	50.0		109	85-121		5.40	30	
trans-1,2-Dichloroethylene	54		"	50.0		108	72-132		3.72	30	
trans-1,3-Dichloropropylene	52		"	50.0		104	78-132		6.36	30	
Trichloroethylene	55		"	50.0		110	84-123		4.85	30	
Trichlorofluoromethane	58		"	50.0		117	62-140		4.72	30	
Vinyl Chloride	59		"	50.0		117	52-130		5.57	30	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>50.4</i>		<i>"</i>	<i>50.0</i>		<i>101</i>	<i>77-125</i>				
<i>Surrogate: Toluene-d8</i>	<i>48.9</i>		<i>"</i>	<i>50.0</i>		<i>97.9</i>	<i>85-120</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>49.9</i>		<i>"</i>	<i>50.0</i>		<i>99.8</i>	<i>76-130</i>				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BJ50821 - EPA 3510C

Blank (BJ50821-BLK1)

Prepared & Analyzed: 10/16/2015

1,4-Dichlorobenzene	ND	0.0100	mg/L								
2,4,5-Trichlorophenol	ND	0.0100	"								
2,4,6-Trichlorophenol	ND	0.0100	"								
2,4-Dinitrotoluene	ND	0.0100	"								
2-Methylphenol	ND	0.0100	"								
3- & 4-Methylphenols	ND	0.0200	"								
Cresols, total	ND	0.0300	"								
Hexachlorobenzene	ND	0.0100	"								
Hexachlorobutadiene	ND	0.0100	"								
Hexachloroethane	ND	0.0100	"								
Nitrobenzene	ND	0.0100	"								
Pentachlorophenol	ND	0.0100	"								
Pyridine	ND	0.0100	"								
<i>Surrogate: 2-Fluorophenol</i>	<i>0.0862</i>		<i>"</i>	<i>0.150</i>		<i>57.3</i>	<i>10-65</i>				
<i>Surrogate: Phenol-d5</i>	<i>0.0760</i>		<i>"</i>	<i>0.150</i>		<i>50.6</i>	<i>10-49</i>				
<i>Surrogate: Nitrobenzene-d5</i>	<i>0.116</i>		<i>"</i>	<i>0.100</i>		<i>115</i>	<i>10-96</i>				
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>0.0978</i>		<i>"</i>	<i>0.100</i>		<i>97.8</i>	<i>10-93</i>				
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>0.192</i>		<i>"</i>	<i>0.150</i>		<i>128</i>	<i>10-128</i>				
<i>Surrogate: Terphenyl-d14</i>	<i>0.153</i>		<i>"</i>	<i>0.100</i>		<i>152</i>	<i>10-100</i>				

LCS (BJ50821-BS1)

Prepared & Analyzed: 10/16/2015

1,4-Dichlorobenzene	0.0403	0.0100	mg/L	0.100		40.3	42-82	Low Bias			
2,4,5-Trichlorophenol	0.0665	0.0100	"	0.100		66.5	36-112				
2,4,6-Trichlorophenol	0.0731	0.0100	"	0.100		73.1	41-107				
2,4-Dinitrotoluene	0.0820	0.0100	"	0.100		82.0	41-114				
2-Methylphenol	0.0368	0.0100	"	0.100		36.8	10-90				
3- & 4-Methylphenols	0.0339	0.0200	"	0.100		33.9	10-101				
Cresols, total	0.0707	0.0300	"	0.200		35.4	30-130				
Hexachlorobenzene	0.0639	0.0100	"	0.100		63.9	27-120				
Hexachlorobutadiene	0.0655	0.0100	"	0.100		65.5	25-106				
Hexachloroethane	0.0404	0.0100	"	0.100		40.4	33-84				
Nitrobenzene	0.0791	0.0100	"	0.100		79.1	32-113				
Pentachlorophenol	0.0574	0.0100	"	0.100		57.4	19-127				
Pyridine	0.0188	0.0100	"	0.100		18.8	10-46				
<i>Surrogate: 2-Fluorophenol</i>	<i>0.0553</i>		<i>"</i>	<i>0.150</i>		<i>36.8</i>	<i>10-65</i>				
<i>Surrogate: Phenol-d5</i>	<i>0.0514</i>		<i>"</i>	<i>0.150</i>		<i>34.3</i>	<i>10-49</i>				
<i>Surrogate: Nitrobenzene-d5</i>	<i>0.0824</i>		<i>"</i>	<i>0.100</i>		<i>82.1</i>	<i>10-96</i>				
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>0.0774</i>		<i>"</i>	<i>0.100</i>		<i>77.4</i>	<i>10-93</i>				
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>0.182</i>		<i>"</i>	<i>0.150</i>		<i>121</i>	<i>10-128</i>				
<i>Surrogate: Terphenyl-d14</i>	<i>0.100</i>		<i>"</i>	<i>0.100</i>		<i>99.8</i>	<i>10-100</i>				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BJ50821 - EPA 3510C

LCS Dup (BJ50821-BS1)

Prepared & Analyzed: 10/16/2015

1,4-Dichlorobenzene	0.0440	0.0100	mg/L	0.100		44.0	42-82		8.88	20
2,4,5-Trichlorophenol	0.0711	0.0100	"	0.100		71.1	36-112		6.69	20
2,4,6-Trichlorophenol	0.0785	0.0100	"	0.100		78.5	41-107		7.15	20
2,4-Dinitrotoluene	0.0879	0.0100	"	0.100		87.9	41-114		6.87	20
2-Methylphenol	0.0398	0.0100	"	0.100		39.8	10-90		7.73	20
3- & 4-Methylphenols	0.0363	0.0200	"	0.100		36.3	10-101		7.01	20
Cresols, total	0.0761	0.0300	"	0.200		38.1	30-130		7.38	20
Hexachlorobenzene	0.0657	0.0100	"	0.100		65.7	27-120		2.87	20
Hexachlorobutadiene	0.0717	0.0100	"	0.100		71.7	25-106		9.01	20
Hexachloroethane	0.0431	0.0100	"	0.100		43.1	33-84		6.46	20
Nitrobenzene	0.0853	0.0100	"	0.100		85.3	32-113		7.62	20
Pentachlorophenol	0.0630	0.0100	"	0.100		63.0	19-127		9.37	20
Pyridine	0.0157	0.0100	"	0.100		15.7	10-46		17.5	20
<i>Surrogate: 2-Fluorophenol</i>	<i>0.0596</i>		<i>"</i>	<i>0.150</i>		<i>39.6</i>	<i>10-65</i>			
<i>Surrogate: Phenol-d5</i>	<i>0.0148</i>		<i>"</i>	<i>0.150</i>		<i>9.84</i>	<i>10-49</i>			
<i>Surrogate: Nitrobenzene-d5</i>	<i>0.0890</i>		<i>"</i>	<i>0.100</i>		<i>88.6</i>	<i>10-96</i>			
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>0.0822</i>		<i>"</i>	<i>0.100</i>		<i>82.2</i>	<i>10-93</i>			
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>0.192</i>		<i>"</i>	<i>0.150</i>		<i>128</i>	<i>10-128</i>			
<i>Surrogate: Terphenyl-d14</i>	<i>0.108</i>		<i>"</i>	<i>0.100</i>		<i>107</i>	<i>10-100</i>			

Batch BJ50906 - EPA 3550C

Blank (BJ50906-BLK1)

Prepared & Analyzed: 10/19/2015

1,1'-Biphenyl	ND	250	ug/kg wet
1,2,4,5-Tetrachlorobenzene	ND	500	"
1,2,4-Trichlorobenzene	ND	250	"
1,2-Dichlorobenzene	ND	250	"
1,2-Diphenylhydrazine (as Azobenzene)	ND	250	"
1,3-Dichlorobenzene	ND	250	"
1,4-Dichlorobenzene	ND	250	"
2,3,4,6-Tetrachlorophenol	ND	500	"
2,4,5-Trichlorophenol	ND	250	"
2,4,6-Trichlorophenol	ND	250	"
2,4-Dichlorophenol	ND	250	"
2,4-Dimethylphenol	ND	250	"
2,4-Dinitrophenol	ND	500	"
2,4-Dinitrotoluene	ND	250	"
2,6-Dinitrotoluene	ND	250	"
2-Chloronaphthalene	ND	250	"
2-Chlorophenol	ND	250	"
2-Methylnaphthalene	ND	250	"
2-Methylphenol	ND	250	"
2-Nitroaniline	ND	500	"
2-Nitrophenol	ND	250	"
3- & 4-Methylphenols	ND	250	"
3,3'-Dichlorobenzidine	ND	250	"
3-Nitroaniline	ND	500	"
4,6-Dinitro-2-methylphenol	ND	500	"
4-Bromophenyl phenyl ether	ND	250	"
4-Chloro-3-methylphenol	ND	250	"
4-Chloroaniline	ND	250	"
4-Chlorophenyl phenyl ether	ND	250	"



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BJ50906 - EPA 3550C

Blank (BJ50906-BLK1)

Prepared & Analyzed: 10/19/2015

4-Nitroaniline	ND	500	ug/kg wet								
4-Nitrophenol	ND	500	"								
Acenaphthene	ND	250	"								
Acenaphthylene	ND	250	"								
Acetophenone	ND	250	"								
Aniline	ND	1000	"								
Anthracene	ND	250	"								
Atrazine	ND	250	"								
Benzaldehyde	ND	250	"								
Benidine	ND	1000	"								
Benzo(a)anthracene	ND	250	"								
Benzo(a)pyrene	ND	250	"								
Benzo(b)fluoranthene	ND	250	"								
Benzo(g,h,i)perylene	ND	250	"								
Benzo(k)fluoranthene	ND	250	"								
Benzoic acid	ND	250	"								
Benzyl alcohol	ND	250	"								
Benzyl butyl phthalate	ND	250	"								
Bis(2-chloroethoxy)methane	ND	250	"								
Bis(2-chloroethyl)ether	ND	250	"								
Bis(2-chloroisopropyl)ether	ND	250	"								
Bis(2-ethylhexyl)phthalate	ND	250	"								
Caprolactam	ND	500	"								
Carbazole	ND	250	"								
Chrysene	ND	250	"								
Dibenzo(a,h)anthracene	ND	250	"								
Dibenzofuran	ND	250	"								
Diethyl phthalate	ND	250	"								
Dimethyl phthalate	ND	250	"								
Di-n-butyl phthalate	ND	250	"								
Di-n-octyl phthalate	ND	250	"								
Fluoranthene	ND	250	"								
Fluorene	ND	250	"								
Hexachlorobenzene	ND	250	"								
Hexachlorobutadiene	ND	250	"								
Hexachlorocyclopentadiene	ND	250	"								
Hexachloroethane	ND	250	"								
Indeno(1,2,3-cd)pyrene	ND	250	"								
Isophorone	ND	250	"								
Naphthalene	ND	250	"								
Nitrobenzene	ND	250	"								
N-Nitrosodimethylamine	ND	250	"								
N-nitroso-di-n-propylamine	ND	250	"								
N-Nitrosodiphenylamine	ND	250	"								
Pentachlorophenol	ND	250	"								
Phenanthrene	ND	250	"								
Phenol	ND	250	"								
Pyrene	ND	250	"								
Surrogate: 2-Fluorophenol	10600		"	15000		70.7	10-95				
Surrogate: Phenol-d5	10300		"	15000		68.5	10-107				
Surrogate: Nitrobenzene-d5	7320		"	10000		72.9	10-95				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ50906 - EPA 3550C											
Blank (BJ50906-BLK1)						Prepared & Analyzed: 10/19/2015					
Surrogate: 2-Fluorobiphenyl	5780		ug/kg wet	10000		57.8	10-97				
Surrogate: 2,4,6-Tribromophenol	8460		"	15000		56.2	10-103				
Surrogate: Terphenyl-d14	4640		"	10000		46.2	19-99				
LCS (BJ50906-BS1)						Prepared & Analyzed: 10/19/2015					
1,1'-Biphenyl	4360	250	ug/kg wet				22-103				
1,2,4,5-Tetrachlorobenzene	5730	500	"	10000		57.3	10-144				
1,2,4-Trichlorobenzene	6270	250	"	10000		62.7	23-130				
1,2-Dichlorobenzene	5370	250	"	10000		53.7	26-113				
1,2-Diphenylhydrazine (as Azobenzene)	5400	250	"	10000		54.0	10-140				
1,3-Dichlorobenzene	6070	250	"	10000		60.7	32-113				
1,4-Dichlorobenzene	5910	250	"	10000		59.1	28-111				
2,3,4,6-Tetrachlorophenol	9050	500	"	10000		90.5	30-130				
2,4,5-Trichlorophenol	4850	250	"	10000		48.5	14-138				
2,4,6-Trichlorophenol	6590	250	"	10000		65.9	27-122				
2,4-Dichlorophenol	6510	250	"	10000		65.1	23-133				
2,4-Dimethylphenol	5950	250	"	10000		59.5	15-131				
2,4-Dinitrophenol	8290	500	"	10000		82.9	10-149				
2,4-Dinitrotoluene	8010	250	"	10000		80.1	30-123				
2,6-Dinitrotoluene	8250	250	"	10000		82.5	30-125				
2-Chloronaphthalene	6540	250	"	10000		65.4	22-115				
2-Chlorophenol	6490	250	"	10000		64.9	25-121				
2-Methylnaphthalene	5450	250	"	10000		54.5	16-127				
2-Methylphenol	5620	250	"	10000		56.2	10-146				
2-Nitroaniline	7170	500	"	10000		71.7	24-126				
2-Nitrophenol	6380	250	"	10000		63.8	17-129				
3- & 4-Methylphenols	5150	250	"	10000		51.5	20-109				
3,3'-Dichlorobenzidine	7710	250	"	10000		77.1	10-147				
3-Nitroaniline	6170	500	"	10000		61.7	23-123				
4,6-Dinitro-2-methylphenol	5190	500	"	10000		51.9	10-149				
4-Bromophenyl phenyl ether	5610	250	"	10000		56.1	30-138				
4-Chloro-3-methylphenol	6480	250	"	10000		64.8	16-138				
4-Chloroaniline	4390	250	"	10000		43.9	10-117				
4-Chlorophenyl phenyl ether	5700	250	"	10000		57.0	18-132				
4-Nitroaniline	5690	500	"	10000		56.9	14-125				
4-Nitrophenol	5380	500	"	10000		53.8	10-136				
Acenaphthene	5700	250	"	10000		57.0	17-124				
Acenaphthylene	5860	250	"	10000		58.6	16-124				
Acetophenone	4750	250	"	10000		47.5	28-105				
Aniline	4700	1000	"	10000		47.0	10-111				
Anthracene	5600	250	"	10000		56.0	24-124				
Atrazine	4440	250	"	10000		44.4	22-120				
Benzaldehyde	4740	250	"	10000		47.4	21-100				
Benzo(a)anthracene	7380	250	"	10000		73.8	25-134				
Benzo(a)pyrene	8470	250	"	10000		84.7	29-144				
Benzo(b)fluoranthene	7850	250	"	10000		78.5	20-151				
Benzo(g,h,i)perylene	7780	250	"	10000		77.8	10-153				
Benzo(k)fluoranthene	6110	250	"	10000		61.1	10-148				
Benzoic acid	4510	250	"	10000		45.1	10-116				
Benzyl alcohol	5680	250	"	10000		56.8	17-128				
Benzyl butyl phthalate	8500	250	"	10000		85.0	10-132				
Bis(2-chloroethoxy)methane	6090	250	"	10000		60.9	10-129				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BJ50906 - EPA 3550C

LCS (BJ50906-BS1)

Prepared & Analyzed: 10/19/2015

Bis(2-chloroethyl)ether	6580	250	ug/kg wet	10000		65.8	14-125				
Bis(2-chloroisopropyl)ether	6790	250	"	10000		67.9	14-122				
Bis(2-ethylhexyl)phthalate	5930	250	"	10000		59.3	10-141				
Caprolactam	5220	500	"	10000		52.2	10-123				
Carbazole	6480	250	"	10000		64.8	31-120				
Chrysene	8020	250	"	10000		80.2	24-116				
Dibenzo(a,h)anthracene	6990	250	"	10000		69.9	17-147				
Dibenzofuran	5670	250	"	10000		56.7	23-123				
Diethyl phthalate	6640	250	"	10000		66.4	23-122				
Dimethyl phthalate	6980	250	"	10000		69.8	28-127				
Di-n-butyl phthalate	6320	250	"	10000		63.2	19-123				
Di-n-octyl phthalate	7950	250	"	10000		79.5	10-132				
Fluoranthene	6200	250	"	10000		62.0	36-125				
Fluorene	6090	250	"	10000		60.9	16-130				
Hexachlorobenzene	5150	250	"	10000		51.5	10-129				
Hexachlorobutadiene	5770	250	"	10000		57.7	22-153				
Hexachlorocyclopentadiene	1730	250	"	10000		17.3	10-134				
Hexachloroethane	5860	250	"	10000		58.6	20-112				
Indeno(1,2,3-cd)pyrene	6810	250	"	10000		68.1	10-155				
Isophorone	6440	250	"	10000		64.4	14-131				
Naphthalene	5930	250	"	10000		59.3	20-121				
Nitrobenzene	6050	250	"	10000		60.5	20-121				
N-Nitrosodimethylamine	7150	250	"	10000		71.5	10-124				
N-nitroso-di-n-propylamine	5370	250	"	10000		53.7	21-119				
N-Nitrosodiphenylamine	5630	250	"	10000		56.3	10-163				
Pentachlorophenol	4970	250	"	10000		49.7	10-143				
Phenanthrene	5810	250	"	10000		58.1	24-123				
Phenol	5310	250	"	10000		53.1	15-123				
Pyrene	8170	250	"	10000		81.7	24-132				
<i>Surrogate: 2-Fluorophenol</i>	<i>10800</i>		<i>"</i>	<i>15000</i>		<i>72.0</i>	<i>10-95</i>				
<i>Surrogate: Phenol-d5</i>	<i>9210</i>		<i>"</i>	<i>15000</i>		<i>61.4</i>	<i>10-107</i>				
<i>Surrogate: Nitrobenzene-d5</i>	<i>7190</i>		<i>"</i>	<i>10000</i>		<i>71.7</i>	<i>10-95</i>				
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>5060</i>		<i>"</i>	<i>10000</i>		<i>50.6</i>	<i>10-97</i>				
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>7600</i>		<i>"</i>	<i>15000</i>		<i>50.6</i>	<i>30-130</i>				
<i>Surrogate: Terphenyl-d14</i>	<i>7820</i>		<i>"</i>	<i>10000</i>		<i>77.9</i>	<i>19-99</i>				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ50906 - EPA 3550C											
LCS Dup (BJ50906-BSD1)						Prepared & Analyzed: 10/19/2015					
1,1'-Biphenyl	4060	250	ug/kg wet				22-103		7.03	30	
1,2,4,5-Tetrachlorobenzene	5270	500	"	10000		52.7	10-144		8.29	30	
1,2,4-Trichlorobenzene	5530	250	"	10000		55.3	23-130		12.6	30	
1,2-Dichlorobenzene	5330	250	"	10000		53.3	26-113		0.673	30	
1,2-Diphenylhydrazine (as Azobenzene)	5150	250	"	10000		51.5	10-140		4.66	30	
1,3-Dichlorobenzene	5480	250	"	10000		54.8	32-113		10.2	30	
1,4-Dichlorobenzene	5420	250	"	10000		54.2	28-111		8.58	30	
2,3,4,6-Tetrachlorophenol	7900	500	"	10000		79.0	30-130		13.6	30	
2,4,5-Trichlorophenol	4310	250	"	10000		43.1	14-138		11.8	30	
2,4,6-Trichlorophenol	5720	250	"	10000		57.2	27-122		14.2	30	
2,4-Dichlorophenol	5850	250	"	10000		58.5	23-133		10.6	30	
2,4-Dimethylphenol	5140	250	"	10000		51.4	15-131		14.7	30	
2,4-Dinitrophenol	6380	500	"	10000		63.8	10-149		26.0	30	
2,4-Dinitrotoluene	6290	250	"	10000		62.9	30-123		24.2	30	
2,6-Dinitrotoluene	7130	250	"	10000		71.3	30-125		14.7	30	
2-Chloronaphthalene	5520	250	"	10000		55.2	22-115		16.9	30	
2-Chlorophenol	5740	250	"	10000		57.4	25-121		12.4	30	
2-Methylnaphthalene	4850	250	"	10000		48.5	16-127		11.8	30	
2-Methylphenol	5020	250	"	10000		50.2	10-146		11.2	30	
2-Nitroaniline	6030	500	"	10000		60.3	24-126		17.3	30	
2-Nitrophenol	5470	250	"	10000		54.7	17-129		15.3	30	
3- & 4-Methylphenols	4830	250	"	10000		48.3	20-109		6.57	30	
3,3'-Dichlorobenzidine	6560	250	"	10000		65.6	10-147		16.0	30	
3-Nitroaniline	5010	500	"	10000		50.1	23-123		20.8	30	
4,6-Dinitro-2-methylphenol	5000	500	"	10000		50.0	10-149		3.73	30	
4-Bromophenyl phenyl ether	5050	250	"	10000		50.5	30-138		10.5	30	
4-Chloro-3-methylphenol	5690	250	"	10000		56.9	16-138		12.9	30	
4-Chloroaniline	3990	250	"	10000		39.9	10-117		9.45	30	
4-Chlorophenyl phenyl ether	4660	250	"	10000		46.6	18-132		20.2	30	
4-Nitroaniline	4410	500	"	10000		44.1	14-125		25.3	30	
4-Nitrophenol	4100	500	"	10000		41.0	10-136		26.9	30	
Acenaphthene	5160	250	"	10000		51.6	17-124		9.90	30	
Acenaphthylene	5190	250	"	10000		51.9	16-124		12.0	30	
Acetophenone	4490	250	"	10000		44.9	28-105		5.54	30	
Aniline	4040	1000	"	10000		40.4	10-111		15.1	30	
Anthracene	4940	250	"	10000		49.4	24-124		12.5	30	
Atrazine	4190	250	"	10000		41.9	22-120		5.70	30	
Benzaldehyde	4450	250	"	10000		44.5	21-100		6.49	30	
Benzo(a)anthracene	6400	250	"	10000		64.0	25-134		14.2	30	
Benzo(a)pyrene	7270	250	"	10000		72.7	29-144		15.3	30	
Benzo(b)fluoranthene	6650	250	"	10000		66.5	20-151		16.7	30	
Benzo(g,h,i)perylene	7270	250	"	10000		72.7	10-153		6.86	30	
Benzo(k)fluoranthene	5520	250	"	10000		55.2	10-148		10.1	30	
Benzoic acid	4050	250	"	10000		40.5	10-116		10.8	30	
Benzyl alcohol	5330	250	"	10000		53.3	17-128		6.39	30	
Benzyl butyl phthalate	7040	250	"	10000		70.4	10-132		18.8	30	
Bis(2-chloroethoxy)methane	5440	250	"	10000		54.4	10-129		11.2	30	
Bis(2-chloroethyl)ether	6060	250	"	10000		60.6	14-125		8.23	30	
Bis(2-chloroisopropyl)ether	6070	250	"	10000		60.7	14-122		11.1	30	
Bis(2-ethylhexyl)phthalate	4980	250	"	10000		49.8	10-141		17.5	30	
Caprolactam	5000	500	"	10000		50.0	10-123		4.23	30	



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BJ50906 - EPA 3550C

LCS Dup (BJ50906-BSD1)

Prepared & Analyzed: 10/19/2015

Carbazole	5430	250	ug/kg wet	10000		54.3	31-120		17.6	30	
Chrysene	6910	250	"	10000		69.1	24-116		14.9	30	
Dibenzo(a,h)anthracene	6410	250	"	10000		64.1	17-147		8.66	30	
Dibenzofuran	4920	250	"	10000		49.2	23-123		14.2	30	
Diethyl phthalate	5220	250	"	10000		52.2	23-122		23.9	30	
Dimethyl phthalate	6010	250	"	10000		60.1	28-127		14.9	30	
Di-n-butyl phthalate	5400	250	"	10000		54.0	19-123		15.8	30	
Di-n-octyl phthalate	7240	250	"	10000		72.4	10-132		9.30	30	
Fluoranthene	5410	250	"	10000		54.1	36-125		13.6	30	
Fluorene	4780	250	"	10000		47.8	16-130		24.0	30	
Hexachlorobenzene	4450	250	"	10000		44.5	10-129		14.8	30	
Hexachlorobutadiene	5560	250	"	10000		55.6	22-153		3.67	30	
Hexachlorocyclopentadiene	1380	250	"	10000		13.8	10-134		22.0	30	
Hexachloroethane	4970	250	"	10000		49.7	20-112		16.4	30	
Indeno(1,2,3-cd)pyrene	6540	250	"	10000		65.4	10-155		4.08	30	
Isophorone	5470	250	"	10000		54.7	14-131		16.3	30	
Naphthalene	5180	250	"	10000		51.8	20-121		13.5	30	
Nitrobenzene	5340	250	"	10000		53.4	20-121		12.4	30	
N-Nitrosodimethylamine	5640	250	"	10000		56.4	10-124		23.7	30	
N-nitroso-di-n-propylamine	4800	250	"	10000		48.0	21-119		11.1	30	
N-Nitrosodiphenylamine	5570	250	"	10000		55.7	10-163		1.04	30	
Pentachlorophenol	3700	250	"	10000		37.0	10-143		29.2	30	
Phenanthrene	5220	250	"	10000		52.2	24-123		10.7	30	
Phenol	4900	250	"	10000		49.0	15-123		8.07	30	
Pyrene	7380	250	"	10000		73.8	24-132		10.2	30	
<i>Surrogate: 2-Fluorophenol</i>	<i>9860</i>		<i>"</i>	<i>15000</i>		<i>65.5</i>	<i>10-95</i>				
<i>Surrogate: Phenol-d5</i>	<i>8760</i>		<i>"</i>	<i>15000</i>		<i>58.4</i>	<i>10-107</i>				
<i>Surrogate: Nitrobenzene-d5</i>	<i>6300</i>		<i>"</i>	<i>10000</i>		<i>62.7</i>	<i>10-95</i>				
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>4660</i>		<i>"</i>	<i>10000</i>		<i>46.6</i>	<i>10-97</i>				
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>6980</i>		<i>"</i>	<i>15000</i>		<i>46.4</i>	<i>30-130</i>				
<i>Surrogate: Terphenyl-d14</i>	<i>6910</i>		<i>"</i>	<i>10000</i>		<i>68.8</i>	<i>19-99</i>				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ50911 - EPA 3510C											
Blank (BJ50911-BLK1)										Prepared & Analyzed: 10/19/2015	
1,1'-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
1,2,4-Trichlorobenzene	ND	5.00	"								
1,2-Dichlorobenzene	ND	5.00	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"								
1,3-Dichlorobenzene	ND	5.00	"								
1,4-Dichlorobenzene	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3'-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acenaphthene	ND	0.0500	"								
Acenaphthylene	ND	0.0500	"								
Acetophenone	ND	5.00	"								
Aniline	ND	5.00	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzaldehyde	ND	5.00	"								
Benzidine	ND	20.0	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Benzoic acid	ND	50.0	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BJ50911 - EPA 3510C

Blank (BJ50911-BLK1)

Prepared & Analyzed: 10/19/2015

Caprolactam	ND	5.00	ug/L								
Carbazole	ND	5.00	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachlorocyclopentadiene	ND	5.00	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Isophorone	ND	5.00	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Phenol	ND	5.00	"								
Pyrene	ND	0.0500	"								
Surrogate: 2-Fluorophenol	60.3		"	75.2		80.2	10-65				
Surrogate: Phenol-d5	65.6		"	75.0		87.4	10-49				
Surrogate: Nitrobenzene-d5	57.7		"	50.2		115	10-96				
Surrogate: 2-Fluorobiphenyl	55.0		"	50.0		110	10-93				
Surrogate: 2,4,6-Tribromophenol	88.3		"	75.2		117	10-128				
Surrogate: Terphenyl-d14	64.4		"	50.2		128	10-100				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ50911 - EPA 3510C											
LCS (BJ50911-BS1)						Prepared & Analyzed: 10/19/2015					
1,1'-Biphenyl	44.0	5.00	ug/L				21-102				
1,2,4,5-Tetrachlorobenzene	66.6	5.00	"	50.0		133	28-105	High Bias			
1,2,4-Trichlorobenzene	65.5	5.00	"	50.0		131	35-91	High Bias			
1,2-Dichlorobenzene	44.5	5.00	"	50.0		89.0	42-85	High Bias			
1,2-Diphenylhydrazine (as Azobenzene)	47.4	5.00	"	50.0		94.8	16-137				
1,3-Dichlorobenzene	46.3	5.00	"	50.0		92.7	45-80	High Bias			
1,4-Dichlorobenzene	43.8	5.00	"	50.0		87.5	42-82	High Bias			
2,3,4,6-Tetrachlorophenol	122	5.00	"	50.0		245	30-130	High Bias			
2,4,5-Trichlorophenol	60.7	5.00	"	50.0		121	36-112	High Bias			
2,4,6-Trichlorophenol	72.5	5.00	"	50.0		145	41-107	High Bias			
2,4-Dichlorophenol	67.9	5.00	"	50.0		136	43-92	High Bias			
2,4-Dimethylphenol	56.0	5.00	"	50.0		112	25-92	High Bias			
2,4-Dinitrophenol	73.1	5.00	"	50.0		146	10-149				
2,4-Dinitrotoluene	64.0	5.00	"	50.0		128	41-114	High Bias			
2,6-Dinitrotoluene	60.7	5.00	"	50.0		121	49-106	High Bias			
2-Chloronaphthalene	57.3	5.00	"	50.0		115	40-96	High Bias			
2-Chlorophenol	43.6	5.00	"	50.0		87.2	35-84	High Bias			
2-Methylnaphthalene	62.7	5.00	"	50.0		125	33-101	High Bias			
2-Methylphenol	44.1	5.00	"	50.0		88.2	10-90				
2-Nitroaniline	48.2	5.00	"	50.0		96.3	31-122				
2-Nitrophenol	50.9	5.00	"	50.0		102	37-97	High Bias			
3- & 4-Methylphenols	42.0	5.00	"	50.0		84.1	10-101				
3,3'-Dichlorobenzidine	73.3	5.00	"	50.0		147	25-155				
3-Nitroaniline	30.2	5.00	"	50.0		60.5	29-128				
4,6-Dinitro-2-methylphenol	73.2	5.00	"	50.0		146	10-135	High Bias			
4-Bromophenyl phenyl ether	59.5	5.00	"	50.0		119	38-116	High Bias			
4-Chloro-3-methylphenol	67.9	5.00	"	50.0		136	28-101	High Bias			
4-Chloroaniline	28.7	5.00	"	50.0		57.5	10-154				
4-Chlorophenyl phenyl ether	73.2	5.00	"	50.0		146	34-112	High Bias			
4-Nitroaniline	58.5	5.00	"	50.0		117	15-143				
4-Nitrophenol	6.59	5.00	"	50.0		13.2	10-112				
Acenaphthene	65.5	0.0500	"	50.0		131	24-114	High Bias			
Acenaphthylene	53.6	0.0500	"	50.0		107	26-112				
Acetophenone	49.9	5.00	"	50.0		99.9	47-92	High Bias			
Aniline	40.3	5.00	"	50.0		80.5	10-107				
Anthracene	64.2	0.0500	"	50.0		128	35-114	High Bias			
Atrazine	53.6	0.500	"	50.0		107	43-101	High Bias			
Benzaldehyde	34.8	5.00	"	50.0		69.7	17-117				
Benzo(a)anthracene	56.6	0.0500	"	50.0		113	38-127				
Benzo(a)pyrene	59.9	0.0500	"	50.0		120	30-146				
Benzo(b)fluoranthene	60.8	0.0500	"	50.0		122	36-145				
Benzo(g,h,i)perylene	55.2	0.0500	"	50.0		110	10-163				
Benzo(k)fluoranthene	48.5	0.0500	"	50.0		97.0	16-149				
Benzoic acid	63.5	5.00	"	50.0		127	30-130				
Benzyl alcohol	46.7	5.00	"	50.0		93.4	18-75	High Bias			
Benzyl butyl phthalate	45.2	5.00	"	50.0		90.5	28-129				
Bis(2-chloroethoxy)methane	54.8	5.00	"	50.0		110	27-112				
Bis(2-chloroethyl)ether	44.6	5.00	"	50.0		89.2	24-114				
Bis(2-chloroisopropyl)ether	49.9	5.00	"	50.0		99.8	21-124				
Bis(2-ethylhexyl)phthalate	49.2	0.500	"	50.0		98.4	10-171				
Caprolactam	47.5	5.00	"	50.0		95.0	10-29	High Bias			



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BJ50911 - EPA 3510C

LCS (BJ50911-BS1)

Prepared & Analyzed: 10/19/2015

Carbazole	57.4	5.00	ug/L	50.0		115	49-116				
Chrysene	54.3	0.0500	"	50.0		109	33-120				
Dibenzo(a,h)anthracene	68.9	0.0500	"	50.0		138	10-149				
Dibenzofuran	64.0	5.00	"	50.0		128	42-105	High Bias			
Diethyl phthalate	58.7	5.00	"	50.0		117	38-112	High Bias			
Dimethyl phthalate	61.0	5.00	"	50.0		122	49-106	High Bias			
Di-n-butyl phthalate	50.0	5.00	"	50.0		99.9	36-110				
Di-n-octyl phthalate	51.6	5.00	"	50.0		103	12-149				
Fluoranthene	64.8	0.0500	"	50.0		130	33-126	High Bias			
Fluorene	70.7	0.0500	"	50.0		141	28-117	High Bias			
Hexachlorobenzene	49.7	0.0200	"	50.0		99.4	27-120				
Hexachlorobutadiene	75.0	0.500	"	50.0		150	25-106	High Bias			
Hexachlorocyclopentadiene	48.1	5.00	"	50.0		96.3	10-99				
Hexachloroethane	46.9	0.500	"	50.0		93.7	33-84	High Bias			
Indeno(1,2,3-cd)pyrene	62.9	0.0500	"	50.0		126	10-150				
Isophorone	54.4	5.00	"	50.0		109	29-115				
Naphthalene	58.2	0.0500	"	50.0		116	30-99	High Bias			
Nitrobenzene	71.8	0.250	"	50.0		144	32-113	High Bias			
N-Nitrosodimethylamine	37.3	0.500	"	50.0		74.5	10-63	High Bias			
N-nitroso-di-n-propylamine	48.5	5.00	"	50.0		97.0	36-118				
N-Nitrosodiphenylamine	69.9	5.00	"	50.0		140	27-145				
Pentachlorophenol	46.0	0.250	"	50.0		92.0	19-127				
Phenanthrene	68.4	0.0500	"	50.0		137	31-112	High Bias			
Phenol	41.5	5.00	"	50.0		82.9	10-37	High Bias			
Pyrene	58.4	0.0500	"	50.0		117	42-125				
<i>Surrogate: 2-Fluorophenol</i>	<i>66.9</i>		<i>"</i>	<i>75.2</i>		<i>88.9</i>	<i>10-65</i>				
<i>Surrogate: Phenol-d5</i>	<i>80.2</i>		<i>"</i>	<i>75.0</i>		<i>107</i>	<i>10-49</i>				
<i>Surrogate: Nitrobenzene-d5</i>	<i>62.2</i>		<i>"</i>	<i>50.2</i>		<i>124</i>	<i>10-96</i>				
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>67.5</i>		<i>"</i>	<i>50.0</i>		<i>135</i>	<i>10-93</i>				
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>114</i>		<i>"</i>	<i>75.2</i>		<i>152</i>	<i>10-128</i>				
<i>Surrogate: Terphenyl-d14</i>	<i>59.2</i>		<i>"</i>	<i>50.2</i>		<i>118</i>	<i>10-100</i>				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ50911 - EPA 3510C											
LCS Dup (BJ50911-BSD1)						Prepared & Analyzed: 10/19/2015					
1,1'-Biphenyl	41.3	5.00	ug/L				21-102		6.43	20	
1,2,4,5-Tetrachlorobenzene	62.4	5.00	"	50.0		125	28-105	High Bias	6.42	20	
1,2,4-Trichlorobenzene	60.0	5.00	"	50.0		120	35-91	High Bias	8.68	20	
1,2-Dichlorobenzene	41.0	5.00	"	50.0		82.0	42-85		8.16	20	
1,2-Diphenylhydrazine (as Azobenzene)	43.3	5.00	"	50.0		86.6	16-137		8.95	20	
1,3-Dichlorobenzene	43.1	5.00	"	50.0		86.2	45-80	High Bias	7.27	20	
1,4-Dichlorobenzene	40.1	5.00	"	50.0		80.1	42-82		8.83	20	
2,3,4,6-Tetrachlorophenol	112	5.00	"	50.0		223	30-130	High Bias	9.19	20	
2,4,5-Trichlorophenol	59.0	5.00	"	50.0		118	36-112	High Bias	2.86	20	
2,4,6-Trichlorophenol	66.2	5.00	"	50.0		132	41-107	High Bias	9.08	20	
2,4-Dichlorophenol	63.6	5.00	"	50.0		127	43-92	High Bias	6.50	20	
2,4-Dimethylphenol	51.8	5.00	"	50.0		104	25-92	High Bias	7.77	20	
2,4-Dinitrophenol	66.5	5.00	"	50.0		133	10-149		9.45	20	
2,4-Dinitrotoluene	60.1	5.00	"	50.0		120	41-114	High Bias	6.40	20	
2,6-Dinitrotoluene	57.0	5.00	"	50.0		114	49-106	High Bias	6.25	20	
2-Chloronaphthalene	53.3	5.00	"	50.0		107	40-96	High Bias	7.32	20	
2-Chlorophenol	40.8	5.00	"	50.0		81.6	35-84		6.64	20	
2-Methylnaphthalene	58.2	5.00	"	50.0		116	33-101	High Bias	7.41	20	
2-Methylphenol	41.5	5.00	"	50.0		82.9	10-90		6.19	20	
2-Nitroaniline	43.6	5.00	"	50.0		87.1	31-122		10.0	20	
2-Nitrophenol	46.8	5.00	"	50.0		93.6	37-97		8.38	20	
3- & 4-Methylphenols	39.2	5.00	"	50.0		78.3	10-101		7.09	20	
3,3'-Dichlorobenzidine	67.3	5.00	"	50.0		135	25-155		8.52	20	
3-Nitroaniline	42.5	5.00	"	50.0		85.0	29-128		33.6	20	Non-dir.
4,6-Dinitro-2-methylphenol	66.7	5.00	"	50.0		133	10-135		9.26	20	
4-Bromophenyl phenyl ether	54.0	5.00	"	50.0		108	38-116		9.62	20	
4-Chloro-3-methylphenol	63.2	5.00	"	50.0		126	28-101	High Bias	7.28	20	
4-Chloroaniline	27.6	5.00	"	50.0		55.3	10-154		3.90	20	
4-Chlorophenyl phenyl ether	68.0	5.00	"	50.0		136	34-112	High Bias	7.30	20	
4-Nitroaniline	54.3	5.00	"	50.0		109	15-143		7.54	20	
4-Nitrophenol	5.68	5.00	"	50.0		11.4	10-112		14.8	20	
Acenaphthene	60.6	0.0500	"	50.0		121	24-114	High Bias	7.82	20	
Acenaphthylene	50.4	0.0500	"	50.0		101	26-112		6.10	20	
Acetophenone	45.6	5.00	"	50.0		91.3	47-92		9.00	20	
Aniline	38.0	5.00	"	50.0		75.9	10-107		5.91	20	
Anthracene	58.7	0.0500	"	50.0		117	35-114	High Bias	8.84	20	
Atrazine	48.8	0.500	"	50.0		97.6	43-101		9.34	20	
Benzaldehyde	32.3	5.00	"	50.0		64.6	17-117		7.60	20	
Benzo(a)anthracene	52.3	0.0500	"	50.0		105	38-127		7.99	20	
Benzo(a)pyrene	55.4	0.0500	"	50.0		111	30-146		7.89	20	
Benzo(b)fluoranthene	52.0	0.0500	"	50.0		104	36-145		15.7	20	
Benzo(g,h,i)perylene	53.0	0.0500	"	50.0		106	10-163		4.07	20	
Benzo(k)fluoranthene	48.9	0.0500	"	50.0		97.8	16-149		0.842	20	
Benzoic acid	60.2	5.00	"	50.0		120	30-130		5.37	20	
Benzyl alcohol	43.6	5.00	"	50.0		87.2	18-75	High Bias	6.91	20	
Benzyl butyl phthalate	41.9	5.00	"	50.0		83.7	28-129		7.74	20	
Bis(2-chloroethoxy)methane	51.2	5.00	"	50.0		102	27-112		6.87	20	
Bis(2-chloroethyl)ether	41.9	5.00	"	50.0		83.9	24-114		6.10	20	
Bis(2-chloroisopropyl)ether	46.7	5.00	"	50.0		93.3	21-124		6.71	20	
Bis(2-ethylhexyl)phthalate	45.1	0.500	"	50.0		90.3	10-171		8.65	20	
Caprolactam	47.0	5.00	"	50.0		93.9	10-29	High Bias	1.14	20	



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ50911 - EPA 3510C											
LCS Dup (BJ50911-BSD1)						Prepared & Analyzed: 10/19/2015					
Carbazole	51.9	5.00	ug/L	50.0		104	49-116		10.0	20	
Chrysene	50.3	0.0500	"	50.0		101	33-120		7.57	20	
Dibenzo(a,h)anthracene	66.6	0.0500	"	50.0		133	10-149		3.43	20	
Dibenzofuran	59.9	5.00	"	50.0		120	42-105	High Bias	6.60	20	
Diethyl phthalate	54.8	5.00	"	50.0		110	38-112		6.96	20	
Dimethyl phthalate	56.1	5.00	"	50.0		112	49-106	High Bias	8.32	20	
Di-n-butyl phthalate	45.7	5.00	"	50.0		91.3	36-110		9.01	20	
Di-n-octyl phthalate	47.6	5.00	"	50.0		95.2	12-149		7.96	20	
Fluoranthene	59.4	0.0500	"	50.0		119	33-126		8.86	20	
Fluorene	66.0	0.0500	"	50.0		132	28-117	High Bias	6.95	20	
Hexachlorobenzene	45.2	0.0200	"	50.0		90.3	27-120		9.61	20	
Hexachlorobutadiene	68.0	0.500	"	50.0		136	25-106	High Bias	9.72	20	
Hexachlorocyclopentadiene	45.0	5.00	"	50.0		90.1	10-99		6.65	20	
Hexachloroethane	43.3	0.500	"	50.0		86.5	33-84	High Bias	7.99	20	
Indeno(1,2,3-cd)pyrene	59.9	0.0500	"	50.0		120	10-150		4.89	20	
Isophorone	50.4	5.00	"	50.0		101	29-115		7.67	20	
Naphthalene	53.7	0.0500	"	50.0		107	30-99	High Bias	8.04	20	
Nitrobenzene	71.9	0.250	"	50.0		144	32-113	High Bias	0.0974	20	
N-Nitrosodimethylamine	33.4	0.500	"	50.0		66.8	10-63	High Bias	10.9	20	
N-nitroso-di-n-propylamine	45.5	5.00	"	50.0		90.9	36-118		6.49	20	
N-Nitrosodiphenylamine	64.3	5.00	"	50.0		129	27-145		8.40	20	
Pentachlorophenol	42.4	0.250	"	50.0		84.9	19-127		8.07	20	
Phenanthrene	62.6	0.0500	"	50.0		125	31-112	High Bias	8.91	20	
Phenol	39.1	5.00	"	50.0		78.2	10-37	High Bias	5.91	20	
Pyrene	54.0	0.0500	"	50.0		108	42-125		7.87	20	
<i>Surrogate: 2-Fluorophenol</i>	<i>61.5</i>		<i>"</i>	<i>75.2</i>		<i>81.8</i>	<i>10-65</i>				
<i>Surrogate: Phenol-d5</i>	<i>74.4</i>		<i>"</i>	<i>75.0</i>		<i>99.3</i>	<i>10-49</i>				
<i>Surrogate: Nitrobenzene-d5</i>	<i>56.3</i>		<i>"</i>	<i>50.2</i>		<i>112</i>	<i>10-96</i>				
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>60.5</i>		<i>"</i>	<i>50.0</i>		<i>121</i>	<i>10-93</i>				
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>102</i>		<i>"</i>	<i>75.2</i>		<i>136</i>	<i>10-128</i>				
<i>Surrogate: Terphenyl-d14</i>	<i>54.3</i>		<i>"</i>	<i>50.2</i>		<i>108</i>	<i>10-100</i>				



Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ50912 - EPA SW846-3510C Low Level											
Blank (BJ50912-BLK1)						Prepared & Analyzed: 10/19/2015					
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>0.154</i>		<i>"</i>	<i>0.201</i>		<i>76.6</i>	<i>30-120</i>				
<i>Surrogate: Decachlorobiphenyl</i>	<i>0.147</i>		<i>"</i>	<i>0.207</i>		<i>71.0</i>	<i>30-120</i>				
LCS (BJ50912-BS2)						Prepared & Analyzed: 10/19/2015					
Aroclor 1016	0.797	0.0500	ug/L	1.00		79.7	40-120				
Aroclor 1260	0.879	0.0500	"	1.00		87.9	40-120				
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>0.179</i>		<i>"</i>	<i>0.201</i>		<i>89.1</i>	<i>30-120</i>				
<i>Surrogate: Decachlorobiphenyl</i>	<i>0.164</i>		<i>"</i>	<i>0.207</i>		<i>79.2</i>	<i>30-120</i>				
LCS Dup (BJ50912-BSD2)						Prepared & Analyzed: 10/19/2015					
Aroclor 1016	0.654	0.0500	ug/L	1.00		65.4	40-120		19.6	30	
Aroclor 1260	0.728	0.0500	"	1.00		72.8	40-120		18.7	30	
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>0.148</i>		<i>"</i>	<i>0.201</i>		<i>73.6</i>	<i>30-120</i>				
<i>Surrogate: Decachlorobiphenyl</i>	<i>0.139</i>		<i>"</i>	<i>0.207</i>		<i>67.1</i>	<i>30-120</i>				



Gas Chromatography/Flame Ionization Detector - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BJ50879 - Preparation for GC Analysis

Blank (BJ50879-BLK1)								Prepared: 10/15/2015 Analyzed: 10/16/2015			
Ethylene Glycol	ND	50.0	mg/kg wet								
Duplicate (BJ50879-DUP1) *Source sample: 15J0585-01 (Liquid from 3A)								Prepared: 10/15/2015 Analyzed: 10/16/2015			
Ethylene Glycol	ND	327	mg/kg dry		ND					25	

Batch BJ50880 - Preparation for GC Analysis

Blank (BJ50880-BLK1)								Prepared: 10/15/2015 Analyzed: 10/16/2015			
Ethylene Glycol	ND	10000	ug/L								

Batch BJ50881 - Preparation for GC Analysis

Blank (BJ50881-BLK1)								Prepared: 10/16/2015 Analyzed: 10/20/2015			
Methanol	ND	2.00	mg/kg wet								
Duplicate (BJ50881-DUP1) *Source sample: 15J0585-01 (Liquid from 3A)								Prepared: 10/16/2015 Analyzed: 10/20/2015			
Methanol	ND	2.62	mg/kg dry		ND					200	

Batch BJ50882 - Preparation for GC Analysis

Blank (BJ50882-BLK1)								Prepared: 10/16/2015 Analyzed: 10/20/2015			
Methanol	ND	1000	ug/L								
Duplicate (BJ50882-DUP1) *Source sample: 15J0585-03 (Liquid from 4B)								Prepared: 10/16/2015 Analyzed: 10/20/2015			
Methanol	ND	1000	ug/L		ND					200	



Gas Chromatography/Flame Ionization Detector - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BJ50986 - EPA 3510C

Blank (BJ50986-BLK1)

Prepared & Analyzed: 10/20/2015

Total Petroleum Hydrocarbons-DRO	ND	0.100	mg/L								
<i>Surrogate: Triacontane</i>	<i>0.0984</i>		<i>"</i>	<i>0.100</i>		<i>98.4</i>	<i>40-150</i>				

LCS (BJ50986-BS1)

Prepared & Analyzed: 10/20/2015

Total Petroleum Hydrocarbons-DRO	1.90	0.100	mg/L	1.72		110	40-120				
<i>Surrogate: Triacontane</i>	<i>0.0955</i>		<i>"</i>	<i>0.100</i>		<i>95.5</i>	<i>40-150</i>				

LCS Dup (BJ50986-BSD1)

Prepared & Analyzed: 10/20/2015

Total Petroleum Hydrocarbons-DRO	2.00	0.100	mg/L	1.72		116	40-120		5.05	30	
<i>Surrogate: Triacontane</i>	<i>0.107</i>		<i>"</i>	<i>0.100</i>		<i>107</i>	<i>40-150</i>				



Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BJ50799 - EPA 3015A/1311

Blank (BJ50799-BLK1)

Prepared: 10/15/2015 Analyzed: 10/16/2015

Arsenic	ND	0.004	mg/L
Barium	ND	0.010	"
Cadmium	ND	0.003	"
Chromium	ND	0.005	"
Copper	ND	0.00300	"
Lead	ND	0.003	"
Nickel	ND	0.00500	"
Selenium	ND	0.010	"
Silver	ND	0.005	"
Zinc	ND	0.0100	"

Blank (BJ50799-BLK2)

Prepared: 10/15/2015 Analyzed: 10/16/2015

Arsenic	ND	0.004	mg/L
Barium	ND	0.010	"
Cadmium	ND	0.003	"
Chromium	ND	0.005	"
Copper	ND	0.00300	"
Lead	ND	0.003	"
Nickel	ND	0.00500	"
Selenium	0.010	0.010	"
Silver	ND	0.005	"
Zinc	ND	0.0100	"

Reference (BJ50799-SRM1)

Prepared: 10/15/2015 Analyzed: 10/16/2015

Arsenic	0.239	ug/mL	0.240	99.7	80.4-118.7
Barium	0.475	"	0.480	98.9	85-115
Cadmium	0.871	"	0.940	92.7	85-115
Chromium	0.379	"	0.400	94.6	85-115
Copper	0.789	"	0.760	104	85-115
Lead	0.671	"	0.700	95.9	85-115
Nickel	1.73	"	1.86	93.2	88.6-112
Selenium	0.444	"	0.460	96.4	85-115
Silver	0.554	"	0.600	92.3	85-115
Zinc	0.525	"	0.560	93.7	85-115



Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BJ50904 - EPA 3015A

Blank (BJ50904-BLK1)

Prepared & Analyzed: 10/19/2015

Arsenic	ND	0.004	mg/L
Barium	ND	0.010	"
Beryllium	ND	1.00	ug/L
Cadmium	ND	0.003	mg/L
Chromium	ND	0.005	"
Copper	ND	0.00300	"
Lead	ND	0.003	"
Nickel	ND	0.00500	"
Selenium	ND	0.010	"
Silver	ND	0.005	"
Vanadium	ND	10.0	ug/L
Zinc	ND	0.0100	mg/L

Reference (BJ50904-SRM1)

Prepared & Analyzed: 10/19/2015

Arsenic	0.243	ug/mL	0.240	101	80.4-118.7
Barium	0.471	"	0.480	98.1	85-115
Beryllium	0.290	"	0.300	96.6	85-115
Cadmium	0.911	"	0.940	96.9	85-115
Chromium	0.400	"	0.400	99.9	85-115
Copper	0.786	"	0.760	103	85-115
Lead	0.695	"	0.700	99.3	85-115
Nickel	1.83	"	1.86	98.2	88.6-112
Selenium	0.452	"	0.460	98.4	85-115
Silver	0.576	"	0.600	95.9	85-115
Vanadium	1.11	"	1.12	99.0	85-115
Zinc	0.553	"	0.560	98.8	85-115



Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BJ50945 - EPA 3050B

Blank (BJ50945-BLK1)

Prepared & Analyzed: 10/19/2015

Arsenic	ND	1.00	mg/kg wet
Barium	ND	1.00	"
Beryllium	ND	0.100	"
Cadmium	ND	0.300	"
Chromium	ND	0.500	"
Copper	ND	0.500	"
Lead	ND	0.300	"
Nickel	ND	0.500	"
Selenium	ND	1.00	"
Silver	ND	0.500	"
Vanadium	ND	1.00	"
Zinc	ND	1.00	"

Reference (BJ50945-SRM1)

Prepared & Analyzed: 10/19/2015

Arsenic	120	1.00	mg/kg wet	122	98.7	70-145.1
Barium	171	1.00	"	167	103	73.1-126.9
Beryllium	53.6	0.100	"	54.3	98.6	73.1-127.1
Cadmium	86.6	0.300	"	88.0	98.4	73.3-127.3
Chromium	104	0.500	"	102	102	69.4-130.4
Copper	83.4	0.500	"	78.0	107	73.7-132.1
Lead	97.2	0.300	"	94.5	103	70.5-129
Nickel	65.1	0.500	"	56.3	116	69.8-130
Selenium	157	1.00	"	157	100	67.5-131.8
Silver	33.6	0.500	"	34.2	98.3	65.5-134.2
Vanadium	68.5	1.00	"	67.1	102	57.8-192.3
Zinc	213	1.00	"	207	103	70-130.4



Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BJ50948 - EPA 3015A/1311

Blank (BJ50948-BLK1)

Prepared & Analyzed: 10/19/2015

Arsenic	ND	0.004	mg/L
Barium	ND	0.010	"
Cadmium	ND	0.003	"
Chromium	ND	0.005	"
Copper	ND	0.00300	"
Lead	ND	0.003	"
Nickel	ND	0.00500	"
Selenium	ND	0.010	"
Silver	ND	0.005	"
Zinc	ND	0.0100	"

Blank (BJ50948-BLK2)

Prepared & Analyzed: 10/19/2015

Arsenic	ND	0.004	mg/L
Barium	ND	0.010	"
Cadmium	ND	0.003	"
Chromium	ND	0.005	"
Copper	ND	0.00300	"
Lead	ND	0.003	"
Nickel	ND	0.00500	"
Selenium	ND	0.010	"
Silver	ND	0.005	"
Zinc	ND	0.0100	"

Reference (BJ50948-SRM1)

Prepared & Analyzed: 10/19/2015

Arsenic	0.254	ug/mL	0.240	106	80.4-118.7
Barium	0.494	"	0.480	103	85-115
Cadmium	0.958	"	0.940	102	85-115
Chromium	0.419	"	0.400	105	85-115
Copper	0.824	"	0.760	108	85-115
Lead	0.724	"	0.700	103	85-115
Nickel	1.91	"	1.86	103	88.6-112
Selenium	0.469	"	0.460	102	85-115
Silver	0.605	"	0.600	101	85-115
Zinc	0.588	"	0.560	105	85-115



Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BJ50976 - EPA 3015A

Blank (BJ50976-BLK1)

Prepared & Analyzed: 10/20/2015

Arsenic	ND	0.004	mg/L
Barium	ND	0.010	"
Cadmium	ND	0.003	"
Chromium	ND	0.005	"
Copper	ND	0.00300	"
Lead	ND	0.003	"
Nickel	ND	0.00500	"
Selenium	ND	0.010	"
Silver	ND	0.005	"
Zinc	ND	0.0100	"

Reference (BJ50976-SRM1)

Prepared & Analyzed: 10/20/2015

Arsenic	0.241	ug/mL	0.240	101	80.4-118.7
Barium	0.477	"	0.480	99.4	85-115
Cadmium	0.918	"	0.940	97.6	85-115
Chromium	0.393	"	0.400	98.4	85-115
Copper	0.796	"	0.760	105	85-115
Lead	0.690	"	0.700	98.6	85-115
Nickel	1.84	"	1.86	98.8	88.6-112
Selenium	0.444	"	0.460	96.4	85-115
Silver	0.524	"	0.600	87.3	85-115
Zinc	0.566	"	0.560	101	85-115



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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ50851 - EPA SW846-7470											
Blank (BJ50851-BLK1)								Prepared & Analyzed: 10/16/2015			
Mercury	ND	0.0002000	mg/L								
Blank (BJ50851-BLK2)								Prepared & Analyzed: 10/16/2015			
Mercury	ND	0.0002000	mg/L								
LCS (BJ50851-BS1)								Prepared & Analyzed: 10/16/2015			
Mercury	0.002072	0.0002000	mg/L	0.00200		104	75-125				
LCS (BJ50851-BS2)								Prepared & Analyzed: 10/16/2015			
Mercury	0.002319	0.0002000	mg/L	0.00200		116	75-125				
Batch BJ50852 - EPA SW846-7470											
Blank (BJ50852-BLK1)								Prepared & Analyzed: 10/16/2015			
Mercury	ND	0.000200	mg/L								
Blank (BJ50852-BLK2)								Prepared & Analyzed: 10/16/2015			
Mercury	ND	0.000200	mg/L								
LCS (BJ50852-BS1)								Prepared & Analyzed: 10/16/2015			
Mercury	0.00205	0.000200	mg/L	0.00200		103	80-120				
Batch BJ50871 - EPA SW846-7471											
Blank (BJ50871-BLK1)								Prepared & Analyzed: 10/16/2015			
Mercury	ND	0.0330	mg/kg wet								



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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BJ50871 - EPA SW846-7471

Reference (BJ50871-SRM1)

Prepared & Analyzed: 10/16/2015

Mercury	5.34	0.660	mg/kg wet	5.76		92.8	71.2-128.6				

Batch BJ50932 - EPA SW846-7470

Blank (BJ50932-BLK1)

Prepared & Analyzed: 10/19/2015

Mercury	ND	0.0002	mg/L								

LCS (BJ50932-BS1)

Prepared & Analyzed: 10/19/2015

Mercury	0.002142	0.0002	mg/L	0.00200		107	80-120				



Wet Chemistry Parameters - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ50722 - EPA SW 846-1311 TCLP ext. for metals											
Blank (BJ50722-BLK1)						Prepared: 10/14/2015 Analyzed: 10/15/2015					
TCLP Extraction	Completed	1.00	N/A								
Batch BJ50723 - EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS											
Blank (BJ50723-BLK1)						Prepared: 10/14/2015 Analyzed: 10/15/2015					
TCLP Extraction	Completed	1.00	N/A								
Batch BJ50724 - EPA SW 846-1311 TCLP ZHE for VOA											
Blank (BJ50724-BLK1)						Prepared: 10/14/2015 Analyzed: 10/15/2015					
TCLP Extraction	Completed	1.00	%								
Batch BJ50883 - Analysis Preparation											
Blank (BJ50883-BLK1)						Prepared & Analyzed: 10/16/2015					
Chromium, Hexavalent	ND	10.0	ug/L								
LCS (BJ50883-BS1)						Prepared & Analyzed: 10/16/2015					
Chromium, Hexavalent	462	10.0	ug/L	500		92.4	80-120				
Batch BJ50910 - EPA SW846-3060											
Blank (BJ50910-BLK1)						Prepared: 10/19/2015 Analyzed: 10/20/2015					
Chromium, Hexavalent	ND	0.500	mg/kg wet								



Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BJ50910 - EPA SW846-3060

Reference (BJ50910-SRM1)

Prepared: 10/19/2015 Analyzed: 10/20/2015

Chromium, Hexavalent	69.2		mg/L	110		62.9	30.3-201

Batch BJ50913 - Analysis Preparation Soil

Blank (BJ50913-BLK1)

Prepared & Analyzed: 10/19/2015

Cyanide, total	ND	0.500	mg/kg wet

Reference (BJ50913-SRM1)

Prepared & Analyzed: 10/19/2015

Cyanide, total	66.5		ug/mL	59.3		112	38.4-202

Batch BJ50978 - Analysis Preparation

Blank (BJ50978-BLK1)

Prepared & Analyzed: 10/20/2015

Cyanide, total	ND	10.0	ug/L

LCS (BJ50978-BS1)

Prepared & Analyzed: 10/20/2015

Cyanide, total	165	10.0	ug/L	200		82.5	76.2-107



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
15J0585-01	Liquid from 3A	1000mL Amber Glass Cool to 4° C
15J0585-01	Liquid from 3A	40mL 01_Clear Vial Cool to 4° C
15J0585-02	Liquid from 4A	1000mL Amber Glass Cool to 4° C
15J0585-02	Liquid from 4A	40mL 01_Clear Vial Cool to 4° C
15J0585-03	Liquid from 4B	1000mL Amber Glass Cool to 4° C
15J0585-03	Liquid from 4B	40mL 01_Clear Vial Cool to 4° C
15J0585-04	Liquid from 5A	1000mL Amber Glass Cool to 4° C
15J0585-04	Liquid from 5A	40mL 01_Clear Vial Cool to 4° C
15J0585-05	Liquid from 5B	1000mL Amber Glass Cool to 4° C
15J0585-05	Liquid from 5B	40mL 01_Clear Vial Cool to 4° C
15J0585-06	Liquid from 5C	1000mL Amber Glass Cool to 4° C
15J0585-06	Liquid from 5C	40mL 01_Clear Vial Cool to 4° C
15J0585-07	Liquid from GT1	1000mL Amber Glass Cool to 4° C
15J0585-07	Liquid from GT1	40mL 01_Clear Vial Cool to 4° C
15J0585-08	Liquid from GT2	1000mL Amber Glass Cool to 4° C
15J0585-08	Liquid from GT2	40mL 01_Clear Vial Cool to 4° C



Notes and Definitions

J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
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).
EXT-COMP	Completed
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
EXT-Temp	Extraction temperature slightly exceeded acceptance range.
GC-Surr	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the alternate surrogate.
HT-01	This result was reported from an analysis conducted outside of the EPA recommended holding time.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.
IGN-01	Non-Ignit.
SCAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%).
M-ACCB	Analyte in CCB. Run is bracketed by acceptable CCBs.
M-SeTC	It is noted that a known interference with selenium at the analytical line for analysis by ICP is caused by carbon emission from the TCLP or high organics matrix. The data user may subtract the matrix blank value from the data if needed.
QL-02	This LCS analyte is outside Laboratory Recovery limits due to the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
Rep-04	The sample was diluted due to the presence of high levels of non-target analytes resulting in elevated reporting limits.
S-01	The surrogate recovery for this sample may not be available due to sample dilution required from high analyte concentration and/or matrix interferences.
S-08	The recovery of this surrogate was outside of QC limits.
HT-pH	HOLDING TIME EXCEEDED. Samples for pH must be measured in the field or within 15 minutes of sample collection.

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported



RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.



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

Field Chain-of-Custody Record

Page ____ of ____

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

York Project No. 15J0585

YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type
Company: <u>SCE Environmental</u> Address: <u>1380 Mt Cobb Rd. Lake Ariel P.A. 18436</u> Phone No. <u>570-383-4151</u> Contact Person: <u>Nate Butler</u> E-Mail Address:	Company: <u>SCE Environmental</u> Address: <u>1380 Mt Cobb Rd. Lake Ariel P.A. 18436</u> Phone No. <u>570-499-4909</u> Attention: <u>Nate Butler</u> E-Mail Address: <u>NButler@scenu.com</u>	Company: <u>SCE Environmental</u> Address: <u>1380 Mt Cobb Rd. Lake Ariel P.A. 18436</u> Phone No. <u>570-383-4151</u> Attention: <u>Maria Wheeler</u> E-Mail Address:	<u>15004</u> Purchase Order No.	RUSH - Same Day ☐ RUSH - Next Day ☒ RUSH - Two Day ☐ RUSH - Three Day ☐ RUSH - Four Day ☐ Standard(5-7 Days) ☐	Summary Report ☒ Summary w/ QA Summary ☒ CT RCP Package ☐ CTRCP DQA/DUE Pkg ☐ NY ASP A Package ☐ NY ASP B Package ☐ NJDEP Red. Deliv. ☐ <u>Electronic Data Deliverables (EDD)</u> Simple Excel ☒ NYSDEC EQuIS ☐ EQuIS (std) ☐ EZ-EDD (EQuIS) ☐ NJDEP SRP HazSite EDD ☐ GIS/KEY (std) ☐ Other ☐ York Regulatory Comparison Excel Spreadsheet Compare to the following Regs. (please fill in):

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

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

J. Trapper
Samples Collected/Authorized By (Signature)
J. Trapper
Name (printed)

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

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
Liquid from 3A ^{x2}	10-14-15 2:30pm	WW	Full list CENJ (see attached paper)	6,000 UST
Liquid from 4A ^{x2}	10-14-15 2:30pm	WW	Full list CENJ (see attached paper)	5,500 gal UST
Liquid from 4B ^{x2}	10-14-15 2:30pm	WW	Full list CENJ (see attached paper)	5,500 gal UST
Liquid from 5A ^{x2}	10-14-15 2:40pm	WW	Full list CENJ (see attached paper)	12,000 gal UST
Liquid from 5B ^{x2}	10-14-15 2:50pm	WW	Full list CENJ (see attached paper)	12,000 gal UST
Liquid from 5C ^{x2}	10-14-15 2:50pm	WW	Full list CENJ (see attached paper)	12,000 gal UST
Liquid from 6T1 ^{x2}	10-14-15 3:00pm	WW	Full list CENJ (see attached paper)	22,000 gal UST
Liquid from 6T2 ^{x2}	10-14-15 3:00pm	WW	Full list CENJ (see attached paper)	8,000 gal UST

Page 171 of 172

Comments Send Reports Also To:
Lawrence @ SCENU. Com
Trapper @ SCENU. Com
green duct tape is correct Numbers)

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

4°C _____ Frozen _____ HCl _____ MeOH _____ HNO ₃ _____ H ₂ SO ₄ _____ NaOH _____ ZnAc _____ Ascorbic Acid _____ Other _____	Samples Relinquished By <u>[Signature]</u> Date/Time <u>10-14-15</u>	Samples Received By <u>[Signature]</u> Date/Time <u>10/14/15 1735</u>	Temperature on Receipt <u>4.8 °C</u>
	Samples Relinquished By _____ Date/Time _____	Samples Received in LAB by _____ Date/Time _____	

Clean Earth Sampling Protocol
North Jersey

15J0585

PARAMETERS	TPH	TOX	TOTAL VOLATILE ORGANICS	TOTAL SEMI VOLATILE ORGANICS	TOTAL METALS: PCBs + Se, Cu, Ni, Zn, V, Co, Mn, Chromium (VI), Cr + Pb	TCLP METALS: PCBs + Se, Cu, Ni, Zn	IGNITABILITY	CORROSIVITY (PH)	REACTIVITY - SULFIDE AND CYANIDE	PCBs	TCLP VOLATILE ORGANICS	TCLP SEMI VOLATILE ORGANICS	
			GAP	GAP									
METHODS (1)		8015M	8023	8260B	8270D	6000/7000	1311/8010	1030	9045D	SW846 CHAPTER 7.3	8082A	1311/8260B	1311/8270D
	FREQUENCY												
CENJ Hazardous Solids	Grab - Every 750 tons			X								X	
	5 point grab composite 1st 750 tons and every 750 tons thereafter				X	X	X	X	X	X	X		X

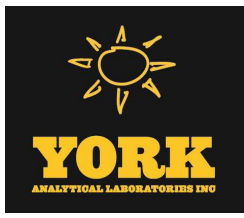
This is to be used as a guideline for sampling. Sampling frequencies and parameter requirements may be modified at the discretion of the CE Approval staff based items such as site (1) The methods provided are standard EPA methods. The method revisions are subject to change and the most current method should always be utilized by the laboratory.

CENJ Specific compounds - ** Please note that Clean Earth of North Jersey (CENJ) requires that the compounds identified below be included/reported for all projects. In addition, the concentrations of the compounds cannot exceed the limits identified below.

Constituent	PPMW*
Arsenic	4,000
Cadmium	4,000
Chromium +6	400
Lead	60,000
Mercury	60
Beryllium	800
Nickel	60,000
Benzene	400
Chlorobenzene	400
Cumene (Isopropylbenzene)	960
Ethylene Glycol	56,000
Methanol	4,000
Methylene Chloride (Dichloromethane)	880
Methyl Ethyl Ketone (2-Butanone, MEK)	800
Methyl Isobutyl Ketone (MIBK 4 Methyl-2 Pentanone)	1,300
Phenol	1,300
Tetrachloroethylene (PCE)	400
Toluene	560
Trichloroethylene (TCE)	480
Xylene	1,200

*mg/Kg

glycol
methanol



Technical Report

prepared for:

SCE Environmental Group, Inc.

1380 Mt. Cobb Road

Lake Ariel PA, 18436

Attention: Nate Butler

Report Date: 11/19/2015

Client Project ID: 15-004

York Project (SDG) No.: 15K0449

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 11/19/2015
Client Project ID: 15-004
York Project (SDG) No.: 15K0449

SCE Environmental Group, Inc.
1380 Mt. Cobb Road
Lake Ariel PA, 18436
Attention: Nate Butler

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on November 11, 2015 and listed below. The project was identified as your project: **15-004**.

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>
15K0449-01	GT-6	Liquid	11/11/2015	11/11/2015
15K0449-02	GT-6	Liquid	11/18/2015	11/18/2015

General Notes for York Project (SDG) No.: 15K0449

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: 11/19/2015





Sample Information

Client Sample ID: GT-6

York Sample ID: 15K0449-01

York Project (SDG) No.

15K0449

Client Project ID

15-004

Matrix

Liquid

Collection Date/Time

November 11, 2015 10:30 am

Date Received

11/11/2015

Volatile Organics, 8260 - Comprehensive

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	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 08:28	11/16/2015 13:06	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 08:28	11/16/2015 13:06	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 08:28	11/16/2015 13:06	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 08:28	11/16/2015 13:06	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 08:28	11/16/2015 13:06	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 08:28	11/16/2015 13:06	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 08:28	11/16/2015 13:06	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/16/2015 08:28	11/16/2015 13:06	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/16/2015 08:28	11/16/2015 13:06	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/16/2015 08:28	11/16/2015 13:06	SS
95-63-6	1,2,4-Trimethylbenzene	7.4		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 08:28	11/16/2015 13:06	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.40	4.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 08:28	11/16/2015 13:06	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 08:28	11/16/2015 13:06	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 08:28	11/16/2015 13:06	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 08:28	11/16/2015 13:06	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 08:28	11/16/2015 13:06	SS
108-67-8	1,3,5-Trimethylbenzene	6.0		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 08:28	11/16/2015 13:06	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 08:28	11/16/2015 13:06	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 08:28	11/16/2015 13:06	SS
123-91-1	1,4-Dioxane	ND		ug/L	80	160	2	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/16/2015 08:28	11/16/2015 13:06	SS
78-93-3	2-Butanone	22	SCAL- E	ug/L	0.40	4.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 08:28	11/16/2015 13:06	SS



Sample Information

Client Sample ID: GT-6

York Sample ID: 15K0449-01

York Project (SDG) No.
15K0449

Client Project ID
15-004

Matrix
Liquid

Collection Date/Time
November 11, 2015 10:30 am

Date Received
11/11/2015

Volatile Organics, 8260 - Comprehensive

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	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 08:28	11/16/2015 13:06	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 08:28	11/16/2015 13:06	SS
67-64-1	Acetone	60	CCV-E SCAL-E	ug/L	2.0	4.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 08:28	11/16/2015 13:06	SS
107-02-8	Acrolein	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 08:28	11/16/2015 13:06	SS
107-13-1	Acrylonitrile	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 08:28	11/16/2015 13:06	SS
71-43-2	Benzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 08:28	11/16/2015 13:06	SS
74-97-5	Bromochloromethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/16/2015 08:28	11/16/2015 13:06	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 08:28	11/16/2015 13:06	SS
75-25-2	Bromoform	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 08:28	11/16/2015 13:06	SS
74-83-9	Bromomethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 08:28	11/16/2015 13:06	SS
75-15-0	Carbon disulfide	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 08:28	11/16/2015 13:06	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 08:28	11/16/2015 13:06	SS
108-90-7	Chlorobenzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 08:28	11/16/2015 13:06	SS
75-00-3	Chloroethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 08:28	11/16/2015 13:06	SS
67-66-3	Chloroform	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 08:28	11/16/2015 13:06	SS
74-87-3	Chloromethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 08:28	11/16/2015 13:06	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 08:28	11/16/2015 13:06	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 08:28	11/16/2015 13:06	SS
110-82-7	Cyclohexane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/16/2015 08:28	11/16/2015 13:06	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 08:28	11/16/2015 13:06	SS
74-95-3	Dibromomethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/16/2015 08:28	11/16/2015 13:06	SS



Sample Information

Client Sample ID: GT-6

York Sample ID: 15K0449-01

York Project (SDG) No.

15K0449

Client Project ID

15-004

Matrix

Liquid

Collection Date/Time

November 11, 2015 10:30 am

Date Received

11/11/2015

Volatile Organics, 8260 - Comprehensive

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
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/16/2015 08:28	11/16/2015 13:06	SS
100-41-4	Ethyl Benzene	0.54	J	ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 08:28	11/16/2015 13:06	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/16/2015 08:28	11/16/2015 13:06	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 08:28	11/16/2015 13:06	SS
79-20-9	Methyl acetate	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/16/2015 08:28	11/16/2015 13:06	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 08:28	11/16/2015 13:06	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/16/2015 08:28	11/16/2015 13:06	SS
75-09-2	Methylene chloride	16		ug/L	2.0	4.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 08:28	11/16/2015 13:06	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 08:28	11/16/2015 13:06	SS
103-65-1	n-Propylbenzene	0.44	J	ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 08:28	11/16/2015 13:06	SS
95-47-6	o-Xylene	2.6		ug/L	0.40	1.0	2	EPA 8260C Certifications: NELAC-NY10854	11/16/2015 08:28	11/16/2015 13:06	SS
179601-23-1	p- & m- Xylenes	1.6	J	ug/L	1.0	2.0	2	EPA 8260C Certifications: NELAC-NY10854	11/16/2015 08:28	11/16/2015 13:06	SS
99-87-6	p-Isopropyltoluene	0.70	J	ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 08:28	11/16/2015 13:06	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 08:28	11/16/2015 13:06	SS
100-42-5	Styrene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 08:28	11/16/2015 13:06	SS
75-65-0	tert-Butyl alcohol (TBA)	14	CCV-E SCAL-E	ug/L	1.0	4.0	2	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/16/2015 08:28	11/16/2015 13:06	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 08:28	11/16/2015 13:06	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 08:28	11/16/2015 13:06	SS
108-88-3	Toluene	3.9		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 08:28	11/16/2015 13:06	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 08:28	11/16/2015 13:06	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 08:28	11/16/2015 13:06	SS
79-01-6	Trichloroethylene	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 08:28	11/16/2015 13:06	SS



Sample Information

Client Sample ID: GT-6

York Sample ID: 15K0449-01

York Project (SDG) No.

15K0449

Client Project ID

15-004

Matrix

Liquid

Collection Date/Time

November 11, 2015 10:30 am

Date Received

11/11/2015

Volatile Organics, 8260 - Comprehensive

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
75-69-4	Trichlorofluoromethane	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 08:28	11/16/2015 13:06	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 08:28	11/16/2015 13:06	SS
1330-20-7	* Xylenes, Total	4.3		ug/L	1.2	3.0	2	EPA 8260C Certifications: CTDOH,NJDEP	11/16/2015 08:28	11/16/2015 13:06	SS
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	89.6 %		69-130							
2037-26-5	Surrogate: Toluene-d8	100 %		81-117							
460-00-4	Surrogate: p-Bromofluorobenzene	102 %		79-122							

Volatile Organics, TCLP RCRA 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
75-35-4	1,1-Dichloroethylene	ND		mg/L	0.0025	0.0050	1	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/16/2015 10:51	11/16/2015 15:52	BK
107-06-2	1,2-Dichloroethane	ND		mg/L	0.0025	0.0050	1	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/16/2015 10:51	11/16/2015 15:52	BK
106-46-7	1,4-Dichlorobenzene	ND		mg/L	0.0025	0.0050	1	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/16/2015 10:51	11/16/2015 15:52	BK
78-93-3	2-Butanone	0.058	SCAL- E	mg/L	0.0025	0.0050	1	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/16/2015 10:51	11/16/2015 15:52	BK
71-43-2	Benzene	ND		mg/L	0.0025	0.0050	1	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/16/2015 10:51	11/16/2015 15:52	BK
56-23-5	Carbon tetrachloride	ND		mg/L	0.0025	0.0050	1	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/16/2015 10:51	11/16/2015 15:52	BK
108-90-7	Chlorobenzene	ND		mg/L	0.0025	0.0050	1	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/16/2015 10:51	11/16/2015 15:52	BK
67-66-3	Chloroform	ND		mg/L	0.0025	0.0050	1	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/16/2015 10:51	11/16/2015 15:52	BK
127-18-4	Tetrachloroethylene	ND		mg/L	0.0025	0.0050	1	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/16/2015 10:51	11/16/2015 15:52	BK
79-01-6	Trichloroethylene	ND		mg/L	0.0025	0.0050	1	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/16/2015 10:51	11/16/2015 15:52	BK
75-01-4	Vinyl Chloride	ND		mg/L	0.0025	0.0050	1	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/16/2015 10:51	11/16/2015 15:52	BK
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	97.8 %		65-135							
460-00-4	Surrogate: p-Bromofluorobenzene	98.2 %		81-114							
2037-26-5	Surrogate: Toluene-d8	110 %		86-118							

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GT-6

York Sample ID: 15K0449-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15K0449

15-004

Liquid

November 11, 2015 10:30 am

11/11/2015

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		mg/L	0.0295	0.0667	10	EPA 8270D/1311 Certifications: NELAC-NY10854	11/13/2015 06:30	11/14/2015 00:22	SR
95-95-4	2,4,5-Trichlorophenol	ND		mg/L	0.0255	0.0667	10	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/13/2015 06:30	11/14/2015 00:22	SR
88-06-2	2,4,6-Trichlorophenol	ND		mg/L	0.0233	0.0667	10	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/13/2015 06:30	11/14/2015 00:22	SR
121-14-2	2,4-Dinitrotoluene	ND		mg/L	0.0215	0.0667	10	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/13/2015 06:30	11/14/2015 00:22	SR
95-48-7	2-Methylphenol	ND		mg/L	0.0155	0.0667	10	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/13/2015 06:30	11/14/2015 00:22	SR
65794-96-9	3- & 4-Methylphenols	ND		mg/L	0.0149	0.133	10	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/13/2015 06:30	11/14/2015 00:22	SR
1319-77-3	Cresols, total	ND		mg/L	0.0155	0.200	10	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854	11/13/2015 06:30	11/14/2015 00:22	SR
118-74-1	Hexachlorobenzene	ND		mg/L	0.0169	0.0667	10	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/13/2015 06:30	11/14/2015 00:22	SR
87-68-3	Hexachlorobutadiene	ND		mg/L	0.0372	0.0667	10	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/13/2015 06:30	11/14/2015 00:22	SR
67-72-1	Hexachloroethane	ND		mg/L	0.0405	0.0667	10	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/13/2015 06:30	11/14/2015 00:22	SR
98-95-3	Nitrobenzene	ND		mg/L	0.0225	0.0667	10	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/13/2015 06:30	11/14/2015 00:22	SR
87-86-5	Pentachlorophenol	ND		mg/L	0.0193	0.0667	10	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/13/2015 06:30	11/14/2015 00:22	SR
110-86-1	Pyridine	ND		mg/L	0.0521	0.0667	10	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/13/2015 06:30	11/14/2015 00:22	SR
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	47.3 %	12-64								
4165-62-2	Surrogate: Phenol-d5	36.5 %	10-82								
4165-60-0	Surrogate: Nitrobenzene-d5	7.80 %	12-96								
321-60-8	Surrogate: 2-Fluorobiphenyl	80.7 %	16-84								
118-79-6	Surrogate: 2,4,6-Tribromophenol	83.4 %	15-104								
1718-51-0	Surrogate: Terphenyl-d14	86.3 %	15-106								

Alcohols, C1-C3 Targets

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-56-1	* Methanol	422000		ug/L	1000	1000	1	EPA 8015D m Certifications:	11/13/2015 10:49	11/13/2015 18:49	RB

Glycols, Target List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GT-6

York Sample ID: 15K0449-01

York Project (SDG) No.
15K0449

Client Project ID
15-004

Matrix
Liquid

Collection Date/Time
November 11, 2015 10:30 am

Date Received
11/11/2015

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-21-1	* Ethylene Glycol	ND		ug/L	10000	10000	1	GC/FID	11/16/2015 08:14	11/16/2015 09:45	RB
Certifications:											

Beryllium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	Beryllium	ND		ug/L	10.0	10.0	1	EPA 6010C	11/13/2015 11:25	11/14/2015 00:44	ALD
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											

Copper by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	0.121		mg/L	0.0300	0.0300	1	EPA 6010C	11/13/2015 11:25	11/14/2015 00:44	ALD
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											

Copper, TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	0.0274		mg/L	0.00333	0.00333	1	EPA 6010C/1311	11/16/2015 09:02	11/16/2015 12:04	ALD
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.040	0.040	1	EPA 6010C	11/13/2015 11:25	11/14/2015 00:44	ALD
Certifications: CTDOH,NELAC-NY10854,NJDEP											
7440-39-3	Barium	ND		mg/L	0.100	0.100	1	EPA 6010C	11/13/2015 11:25	11/14/2015 00:44	ALD
Certifications: CTDOH,NELAC-NY10854,NJDEP											
7440-43-9	Cadmium	ND		mg/L	0.030	0.030	1	EPA 6010C	11/13/2015 11:25	11/14/2015 00:44	ALD
Certifications: CTDOH,NELAC-NY10854,NJDEP											
7440-47-3	Chromium	ND		mg/L	0.050	0.050	1	EPA 6010C	11/13/2015 11:25	11/14/2015 00:44	ALD
Certifications: CTDOH,NELAC-NY10854,NJDEP											
7439-92-1	Lead	0.082		mg/L	0.030	0.030	1	EPA 6010C	11/13/2015 11:25	11/14/2015 00:44	ALD
Certifications: CTDOH,NELAC-NY10854,NJDEP											
7782-49-2	Selenium	ND		mg/L	0.100	0.100	1	EPA 6010C	11/13/2015 11:25	11/14/2015 00:44	ALD
Certifications: CTDOH,NELAC-NY10854,NJDEP											
7440-22-4	Silver	ND		mg/L	0.050	0.050	1	EPA 6010C	11/13/2015 11:25	11/14/2015 00:44	ALD
Certifications: CTDOH,NELAC-NY10854,NJDEP											

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

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



Sample Information

Client Sample ID: GT-6

York Sample ID: 15K0449-01

York Project (SDG) No.
15K0449

Client Project ID
15-004

Matrix
Liquid

Collection Date/Time
November 11, 2015 10:30 am

Date Received
11/11/2015

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 09:02	11/16/2015 12:04	ALD
7440-39-3	Barium	0.037		mg/L	0.011	0.011	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 09:02	11/16/2015 12:04	ALD
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 09:02	11/16/2015 12:04	ALD
7440-47-3	Chromium	ND		mg/L	0.006	0.006	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 09:02	11/16/2015 12:04	ALD
7439-92-1	Lead	0.027		mg/L	0.003	0.003	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 09:02	11/16/2015 12:04	ALD
7782-49-2	Selenium	ND		mg/L	0.011	0.011	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 09:02	11/16/2015 12:04	ALD
7440-22-4	Silver	ND		mg/L	0.006	0.006	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/16/2015 09:02	11/16/2015 12:04	ALD

Nickel by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	0.0887		mg/L	0.0500	0.0500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/13/2015 11:25	11/14/2015 00:44	ALD

Nickel, TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	ND		mg/L	0.00556	0.00556	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/16/2015 09:02	11/16/2015 12:04	ALD

Vanadium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-62-2	Vanadium	ND		ug/L	100	100	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/13/2015 11:25	11/14/2015 00:44	ALD

Zinc by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	16.9		mg/L	0.100	0.100	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/13/2015 11:25	11/14/2015 00:44	ALD

Zinc, TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

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



Sample Information

Client Sample ID: GT-6

York Sample ID: 15K0449-01

York Project (SDG) No.
15K0449

Client Project ID
15-004

Matrix
Liquid

Collection Date/Time
November 11, 2015 10:30 am

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11/11/2015

Zinc, TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	4.56		mg/L	0.0111	0.0111	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/16/2015 09:02	11/16/2015 12:04	ALD

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00003900	0.000200	1	EPA 7470/1311 Certifications: NELAC-NY10854,NJDEP,CTDOH	11/13/2015 14:57	11/13/2015 15:00	AA

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		ug/L	10.0	10.0	1	EPA 7196A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/11/2015 19:33	11/11/2015 19:33	CLS

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		ug/L	10.0	10.0	1	SM 4500 CN C/E Certifications: NELAC-NY10854,CTDOH,NJDEP	11/12/2015 08:55	11/12/2015 13:17	AD

Reactivity-Cyanide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Cyanide	ND		mg/L	0.0250	0.0250	1	EPA SW-846 Ch.7.3.3 Certifications:	11/16/2015 14:43	11/16/2015 14:44	AD

Reactivity-Sulfide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Sulfide	ND		mg/L	15.0	15.0	1	EPA SW-846 Ch.7.3.4 Certifications:	11/16/2015 14:45	11/16/2015 14:46	AD

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311 Certifications:	11/12/2015 11:55	11/12/2015 14:14	CLS



Sample Information

Client Sample ID: GT-6

York Sample ID: 15K0449-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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15K0449

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November 11, 2015 10:30 am

11/11/2015

TCLP Extraction for SVOCS/PEST/HERB

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* TCLP Extraction		Completed		N/A	1.00	1.00	1	EPA 1311 Certifications:	11/12/2015 11:58	11/12/2015 14:14	CLS

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* TCLP Extraction		Completed		%	1.00	1.00	1	EPA 1311 Certifications:	11/12/2015 12:00	11/12/2015 14:15	CLS

Sample Information

Client Sample ID: GT-6

York Sample ID: 15K0449-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15K0449

15-004

Liquid

November 18, 2015 10:30 am

11/11/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	1250	2500	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/19/2015 08:37	11/19/2015 14:39	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	1250	2500	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/19/2015 08:37	11/19/2015 14:39	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	1250	2500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:37	11/19/2015 14:39	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	1250	2500	10	EPA 8270D Certifications: NELAC-NY10854	11/19/2015 08:37	11/19/2015 14:39	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	1250	2500	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/19/2015 08:37	11/19/2015 14:39	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	1250	2500	10	EPA 8270D Certifications: NELAC-NY10854	11/19/2015 08:37	11/19/2015 14:39	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	1250	2500	10	EPA 8270D Certifications: NELAC-NY10854	11/19/2015 08:37	11/19/2015 14:39	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	1250	2500	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/19/2015 08:37	11/19/2015 14:39	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	1250	2500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:37	11/19/2015 14:39	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	1250	2500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:37	11/19/2015 14:39	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	1250	2500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:37	11/19/2015 14:39	KH



Sample Information

Client Sample ID: GT-6

York Sample ID: 15K0449-02

York Project (SDG) No.

15K0449

Client Project ID

15-004

Matrix

Liquid

Collection Date/Time

November 18, 2015 10:30 am

Date Received

11/11/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-67-9	2,4-Dimethylphenol	ND		ug/L	1250	2500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:37	11/19/2015 14:39	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	1250	2500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:37	11/19/2015 14:39	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	1250	2500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:37	11/19/2015 14:39	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	1250	2500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:37	11/19/2015 14:39	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	1250	2500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:37	11/19/2015 14:39	KH
95-57-8	2-Chlorophenol	ND		ug/L	1250	2500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:37	11/19/2015 14:39	KH
91-57-6	2-Methylnaphthalene	118000		ug/L	1250	2500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:37	11/19/2015 14:39	KH
95-48-7	2-Methylphenol	ND		ug/L	1250	2500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:37	11/19/2015 14:39	KH
88-74-4	2-Nitroaniline	ND		ug/L	1250	2500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:37	11/19/2015 14:39	KH
88-75-5	2-Nitrophenol	ND		ug/L	1250	2500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:37	11/19/2015 14:39	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	1250	2500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:37	11/19/2015 14:39	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	1250	2500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:37	11/19/2015 14:39	KH
99-09-2	3-Nitroaniline	ND		ug/L	1250	2500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:37	11/19/2015 14:39	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	1250	2500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:37	11/19/2015 14:39	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	1250	2500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:37	11/19/2015 14:39	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	1250	2500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:37	11/19/2015 14:39	KH
106-47-8	4-Chloroaniline	ND		ug/L	1250	2500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:37	11/19/2015 14:39	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	1250	2500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:37	11/19/2015 14:39	KH
100-01-6	4-Nitroaniline	ND		ug/L	1250	2500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:37	11/19/2015 14:39	KH
100-02-7	4-Nitrophenol	ND		ug/L	1250	2500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:37	11/19/2015 14:39	KH
83-32-9	Acenaphthene	ND		ug/L	25.0	2500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:37	11/19/2015 14:39	KH
208-96-8	Acenaphthylene	ND		ug/L	25.0	2500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:37	11/19/2015 14:39	KH



Sample Information

Client Sample ID: GT-6

York Sample ID: 15K0449-02

York Project (SDG) No.

15K0449

Client Project ID

15-004

Matrix

Liquid

Collection Date/Time

November 18, 2015 10:30 am

Date Received

11/11/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-86-2	Acetophenone	ND		ug/L	1250	2500	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/19/2015 08:37	11/19/2015 14:39	KH
62-53-3	Aniline	ND		ug/L	1250	2500	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/19/2015 08:37	11/19/2015 14:39	KH
120-12-7	Anthracene	ND		ug/L	25.0	2500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:37	11/19/2015 14:39	KH
1912-24-9	Atrazine	ND		ug/L	250	2500	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/19/2015 08:37	11/19/2015 14:39	KH
100-52-7	Benzaldehyde	ND		ug/L	1250	2500	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/19/2015 08:37	11/19/2015 14:39	KH
92-87-5	Benzidine	ND		ug/L	5000	10000	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:37	11/19/2015 14:39	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	25.0	2500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:37	11/19/2015 14:39	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	25.0	2500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:37	11/19/2015 14:39	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	25.0	2500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:37	11/19/2015 14:39	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	25.0	2500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:37	11/19/2015 14:39	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	25.0	2500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:37	11/19/2015 14:39	KH
65-85-0	Benzoic acid	ND		ug/L	12500	25000	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/19/2015 08:37	11/19/2015 14:39	KH
100-51-6	Benzyl alcohol	ND		ug/L	1250	2500	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/19/2015 08:37	11/19/2015 14:39	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	1250	2500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:37	11/19/2015 14:39	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	1250	2500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:37	11/19/2015 14:39	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1250	2500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:37	11/19/2015 14:39	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	1250	2500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:37	11/19/2015 14:39	KH
117-81-7	Bis(2-ethylhexyl)phthalate	370	J	ug/L	250	2500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:37	11/19/2015 14:39	KH
105-60-2	Caprolactam	ND		ug/L	1250	2500	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/19/2015 08:37	11/19/2015 14:39	KH
86-74-8	Carbazole	ND		ug/L	1250	2500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:37	11/19/2015 14:39	KH
218-01-9	Chrysene	430	J	ug/L	25.0	2500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:37	11/19/2015 14:39	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	25.0	2500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:37	11/19/2015 14:39	KH



Sample Information

Client Sample ID: GT-6

York Sample ID: 15K0449-02

York Project (SDG) No.

15K0449

Client Project ID

15-004

Matrix

Liquid

Collection Date/Time

November 18, 2015 10:30 am

Date Received

11/11/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
132-64-9	Dibenzofuran	ND		ug/L	1250	2500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:37	11/19/2015 14:39	KH
84-66-2	Diethyl phthalate	ND		ug/L	1250	2500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:37	11/19/2015 14:39	KH
131-11-3	Dimethyl phthalate	ND		ug/L	1250	2500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:37	11/19/2015 14:39	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	1250	2500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:37	11/19/2015 14:39	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	1250	2500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:37	11/19/2015 14:39	KH
206-44-0	Fluoranthene	ND		ug/L	25.0	2500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:37	11/19/2015 14:39	KH
86-73-7	Fluorene	ND		ug/L	25.0	2500	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/19/2015 08:37	11/19/2015 14:39	KH
118-74-1	Hexachlorobenzene	ND		ug/L	10.0	2500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:37	11/19/2015 14:39	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	250	2500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:37	11/19/2015 14:39	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	1250	2500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:37	11/19/2015 14:39	KH
67-72-1	Hexachloroethane	ND		ug/L	250	2500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:37	11/19/2015 14:39	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	25.0	2500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:37	11/19/2015 14:39	KH
78-59-1	Isophorone	ND		ug/L	1250	2500	10	EPA 8270D Certifications: NELAC-NY10854	11/19/2015 08:37	11/19/2015 14:39	KH
91-20-3	Naphthalene	ND		ug/L	25.0	2500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:37	11/19/2015 14:39	KH
98-95-3	Nitrobenzene	ND		ug/L	125	2500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:37	11/19/2015 14:39	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	250	2500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:37	11/19/2015 14:39	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	1250	2500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:37	11/19/2015 14:39	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	1250	2500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:37	11/19/2015 14:39	KH
87-86-5	Pentachlorophenol	ND		ug/L	125	2500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:37	11/19/2015 14:39	KH
85-01-8	* Phenanthrene	ND		ug/L	25.0	2500	10	EPA 8270D Certifications:	11/19/2015 08:37	11/19/2015 14:39	KH
108-95-2	Phenol	ND		ug/L	1250	2500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:37	11/19/2015 14:39	KH
129-00-0	Pyrene	ND		ug/L	25.0	2500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/19/2015 08:37	11/19/2015 14:39	KH



Sample Information

Client Sample ID: GT-6

York Sample ID: 15K0449-02

York Project (SDG) No.

15K0449

Client Project ID

15-004

Matrix

Liquid

Collection Date/Time

November 18, 2015 10:30 am

Date Received

11/11/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	30.5 %			12-64						
4165-62-2	Surrogate: Phenol-d5	174 %	S-01		10-82						
4165-60-0	Surrogate: Nitrobenzene-d5	639 %	S-01		12-96						
321-60-8	Surrogate: 2-Fluorobiphenyl	160 %	S-01		16-84						
118-79-6	Surrogate: 2,4,6-Tribromophenol	109 %	S-01		15-104						
1718-51-0	Surrogate: Terphenyl-d14	210 %	S-01		15-106						

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	12.5	12.5	5	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/19/2015 08:34	11/19/2015 16:28	AMC
11104-28-2	Aroclor 1221	ND		ug/L	12.5	12.5	5	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/19/2015 08:34	11/19/2015 16:28	AMC
11141-16-5	Aroclor 1232	ND		ug/L	12.5	12.5	5	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/19/2015 08:34	11/19/2015 16:28	AMC
53469-21-9	Aroclor 1242	ND		ug/L	12.5	12.5	5	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/19/2015 08:34	11/19/2015 16:28	AMC
12672-29-6	Aroclor 1248	ND		ug/L	12.5	12.5	5	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/19/2015 08:34	11/19/2015 16:28	AMC
11097-69-1	Aroclor 1254	ND		ug/L	12.5	12.5	5	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/19/2015 08:34	11/19/2015 16:28	AMC
11096-82-5	Aroclor 1260	ND		ug/L	12.5	12.5	5	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/19/2015 08:34	11/19/2015 16:28	AMC
1336-36-3	* Total PCBs	ND		ug/L	12.5	12.5	5	EPA 8082A Certifications:	11/19/2015 08:34	11/19/2015 16:28	AMC
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	37.3 %			30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	36.2 %			30-120						

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0020	0.0020	10	EPA 7470 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/18/2015 17:58	11/18/2015 19:00	AA

Ignitability

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GT-6

York Sample ID: 15K0449-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15K0449

15-004

Liquid

November 18, 2015 10:30 am

11/11/2015

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Ignitability	Non-Ignit.		-	1	1	1	EPA 1030P Certifications:	11/18/2015 20:43	11/18/2015 20:45	AA

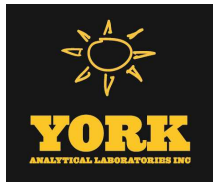
Corrosivity

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	6.41	HT-pH	pH units		0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP	11/18/2015 21:09	11/18/2015 21:34	KK



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
15K0449-01	GT-6	40mL 01_Clear Vial Cool to 4° C



Notes and Definitions

SCAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%).
S-01	The surrogate recovery for this sample may not be available due to sample dilution required from high analyte concentration and/or matrix interferences.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
M-BLKNS	Analyte in M-Blk above MDL. Not detected in samples.
M-ACCB	Analyte in CCB. Run is bracketed by acceptable CCBs.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
IGN-01	Non-Ignit.
HT-pH	HOLDING TIME EXCEEDED. Samples for pH must be measured in the field or within 15 minutes of sample collection.
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
EXT-COMP	Completed
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.
*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.



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

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

For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

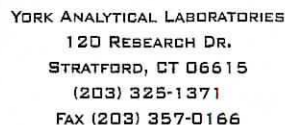
2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Corrective Action: Lab Recvd. No 40ml. VOA Containers For Volatile Request



Page 1 of 1

York Project No. 15K0449

YOUR Information Company: SCE Environmental Address: 1380 Mount Cobb Road Lake Ariel PA 18436 Phone No. (570) 383-4151 Contact Person: Nate Butler E-Mail Address: Nbutler@scenv.com		Report To: Company: Address: Same Phone No.: Attention: E-Mail Address:		Invoice To: Company: Address: Same Phone No.: Attention: E-Mail Address:		YOUR Project ID 15-004 Purchase Order No. Samples from: CT NY NJ		Turn-Around Time RUSH - Same Day RUSH - Next Day RUSH - Two Day RUSH - Three Day RUSH - Four Day Standard(5-7 Days)		Report Type Summary Report Summary w/ QA Summary CT RCP Package CT RCP DQA/DUE Pkg NY ASP A Package NY ASP B Package NJDEP Red. Deliv. Electronic Data Deliverables (EDD) Simple Excel NYSDEC EQuIS EQuIS (std) EZ-EDD (EQuIS) NJDEP SRP HazSite EDD GIS/KEY (std) Other York Regulatory Comparison Excel Spreadsheet Compare to the following Regs. (please fill in):									
Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.																			
Aaron Paradise Samples Collected/Authorized By (Signature) Aaron Paradise Name (printed)				Matrix Codes S - soil Other - specify(oil, etc.) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor		Volatiles 8260 full 624 STARS list BTEX MTBE TCL list TAGM list CT RCP list Arom. only Halog. only App.IX list 8021B list		Semi-Vols. 8270 or 625 STARS list BN Only Acids Only PAH list TAGM list CT RCP list TCL list NJDEP list App. IX SPL or TCLP		Pest/PCB/Herb 8082PCB 8081Pest 8151Herb CT RCP App. IX Site Spec. SPL or TCLP TCLP Pest TCLP Herb Chlordane 608 Pest 608 PCB		Metals RCRA8 PP13 list TAL CT15 list TAGM list NJDEP list Total Dissolved SPL or TCLP Indiv. Metals LIST Below		Misc. Org. TPH GRO TPH DRO CT ETPH NY 310-13 TPH 1664 Air TO14A Air TO15 Air STARS Air VPH Air TICs Methane Helium		Full Lists Pri.Poll. TCL Organics TAL Met/CN Full TCLP Full App. IX Part 360-Routine Part 360-Expanded Part 360-Expanded Full List NYCDEP Sewer NYSDEC Sewer TAGM		Misc. Corrosivity Reactivity Ignitability Flash Point Sieve Anal. Heterotrophs TOX BTU/lb. Aquatic Tox. TOC Asbestos Silica	
Sample Identification		Date/Time Sampled		Sample Matrix		Choose Analyses Needed from the Menu Above and Enter Below						Container Description(s)							
GT-6		11/11/2015, 1030		WW		Please See attached spec sheet						2-32 oz. glass 1 clean 1 amber							
Comments		Preservation		4°C Frozen HCl MeOH HNO3 H2SO4 NaOH		Temperature on Receipt													
Please email results to Nbutler@scenv.com		Check those Applicable		ZnAc Ascorbic Acid Other		4.1 °C													
		Special Instructions		Date/Time															
		Field Filtered Lab to Filter		Date/Time															



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

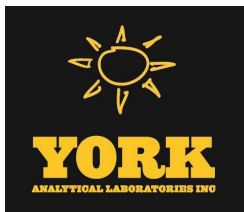
Field Chain-of-Custody Record

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

Page 1 of 1

York Project No. 15K0449

YOUR INFORMATION		Report To:		Invoice To:		YOUR PROJECT ID		Turn-Around Time		Report Type	
Company: <u>SCE</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>
Address: <u>1380 Mt. Cobb Rd</u>	Address: <u>Same</u>	Address: <u>Same</u>	Address: <u>Same</u>	Address: <u>Same</u>	Address: <u>Same</u>	Address: <u>Same</u>	Address: <u>Same</u>	Address: <u>Same</u>	Address: <u>Same</u>	Address: <u>Same</u>	Address: <u>Same</u>
Phone No. <u>LAKE AVAL PA 18034</u>	Phone No. <u>Same</u>	Phone No. <u>Same</u>	Phone No. <u>Same</u>	Phone No. <u>Same</u>	Phone No. <u>Same</u>	Phone No. <u>Same</u>	Phone No. <u>Same</u>	Phone No. <u>Same</u>	Phone No. <u>Same</u>	Phone No. <u>Same</u>	Phone No. <u>Same</u>
Contact Person: <u>NATE BUTLER</u>	Contact Person: <u>Same</u>	Contact Person: <u>Same</u>	Contact Person: <u>Same</u>	Contact Person: <u>Same</u>	Contact Person: <u>Same</u>	Contact Person: <u>Same</u>	Contact Person: <u>Same</u>	Contact Person: <u>Same</u>	Contact Person: <u>Same</u>	Contact Person: <u>Same</u>	Contact Person: <u>Same</u>
E-Mail Address: <u>Nbutter@SCE.NJ.GOV</u>	E-Mail Address: <u>Same</u>	E-Mail Address: <u>Same</u>	E-Mail Address: <u>Same</u>	E-Mail Address: <u>Same</u>	E-Mail Address: <u>Same</u>	E-Mail Address: <u>Same</u>	E-Mail Address: <u>Same</u>	E-Mail Address: <u>Same</u>	E-Mail Address: <u>Same</u>	E-Mail Address: <u>Same</u>	E-Mail Address: <u>Same</u>
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. Matrix Codes: S - soil, Other - specify (oil, etc.) WW - wastewater, GW - groundwater, DW - drinking water, Air-A - ambient air, Air-SV - soil vapor Samples Collected/Authorized By (Signature): <u>Nate Butler</u> Name (printed): <u>Nate Butler</u>											
Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below								
<u>GT-6</u>	<u>11/18/2015 10:00 AM</u>	<u>WW</u>	These are the additional samples needed to run the Clean Earth Acceptance Parameters! Call me if you have issues. Nate 570-499-4909								
Comments			Container Description(s): <u>1- Amber Citer</u> <u>1- Clear Citer</u>								
Preservation			Check those Applicable: ☐ Special Instructions ☐ Field Filtered ☐ Lab to Filter								
Temperature on Receipt			4°C <u>10.00</u> Frozen <u>11/18/15</u> MeOH <u>10:00 AM</u> HNO₃ <u>10:00 AM</u> H₂SO₄ <u>10:00 AM</u> NaOH <u>10:00 AM</u>								
Samples Relinquished By			Samples Relinquished By: <u>Nate Butler</u> Date/Time: <u>11/18/15 10:00 AM</u>								
Samples Relinquished By			Samples Relinquished By: <u>11/18/15</u> Date/Time: <u>11/18/15 18:57</u>								



Technical Report

prepared for:

SCE Environmental Group, Inc.

1380 Mt. Cobb Road

Lake Ariel PA, 18436

Attention: Nate Butler

Report Date: 11/11/2015

Client Project ID: 15-004

York Project (SDG) No.: 15K0129

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 11/11/2015
Client Project ID: 15-004
York Project (SDG) No.: 15K0129

SCE Environmental Group, Inc.
1380 Mt. Cobb Road
Lake Ariel PA, 18436
Attention: Nate Butler

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on November 04, 2015 and listed below. The project was identified as your project: **15-004**.

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>
15K0129-01	FT 273	Water	11/04/2015	11/04/2015
15K0129-02	FT 3560	Waste Water	11/04/2015	11/04/2015
15K0129-03	Tote D5	Waste Water	11/04/2015	11/04/2015
15K0129-04	UST-D1	Sludge	11/04/2015	11/04/2015
15K0129-05	UST-D2	Sludge	11/04/2015	11/04/2015
15K0129-06	UST-D3	Sludge	11/04/2015	11/04/2015

General Notes for York Project (SDG) No.: 15K0129

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: 11/11/2015





Sample Information

Client Sample ID: FT 273

York Sample ID: 15K0129-01

York Project (SDG) No.

15K0129

Client Project ID

15-004

Matrix

Water

Collection Date/Time

November 4, 2015 9:10 am

Date Received

11/04/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: Rep-04

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	2000	5000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 16:56	11/10/2015 03:29	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2000	5000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 16:56	11/10/2015 03:29	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2000	5000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 16:56	11/10/2015 03:29	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2000	5000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 16:56	11/10/2015 03:29	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2000	5000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 16:56	11/10/2015 03:29	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2000	5000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 16:56	11/10/2015 03:29	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2000	5000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 16:56	11/10/2015 03:29	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2000	5000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/09/2015 16:56	11/10/2015 03:29	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2000	5000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/09/2015 16:56	11/10/2015 03:29	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2000	5000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/09/2015 16:56	11/10/2015 03:29	SS
95-63-6	1,2,4-Trimethylbenzene	68000		ug/L	2000	5000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 16:56	11/10/2015 03:29	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2000	5000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 16:56	11/10/2015 03:29	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2000	5000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 16:56	11/10/2015 03:29	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2000	5000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 16:56	11/10/2015 03:29	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2000	5000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 16:56	11/10/2015 03:29	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2000	5000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 16:56	11/10/2015 03:29	SS
108-67-8	1,3,5-Trimethylbenzene	19000		ug/L	2000	5000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 16:56	11/10/2015 03:29	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2000	5000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 16:56	11/10/2015 03:29	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2000	5000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 16:56	11/10/2015 03:29	SS
123-91-1	1,4-Dioxane	ND		ug/L	400000	1600000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/09/2015 16:56	11/10/2015 03:29	SS
78-93-3	2-Butanone	ND		ug/L	2000	20000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 16:56	11/10/2015 03:29	SS



Sample Information

Client Sample ID: FT 273

York Sample ID: 15K0129-01

York Project (SDG) No.
15K0129

Client Project ID
15-004

Matrix
Water

Collection Date/Time
November 4, 2015 9:10 am

Date Received
11/04/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: Rep-04

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	2000	5000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 16:56	11/10/2015 03:29	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	2000	5000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 16:56	11/10/2015 03:29	SS
67-64-1	Acetone	42000	SCAL-E	ug/L	10000	20000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 16:56	11/10/2015 03:29	SS
107-02-8	Acrolein	ND		ug/L	2000	20000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 16:56	11/10/2015 03:29	SS
107-13-1	Acrylonitrile	ND		ug/L	2000	20000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 16:56	11/10/2015 03:29	SS
71-43-2	Benzene	ND		ug/L	2000	5000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 16:56	11/10/2015 03:29	SS
74-97-5	Bromochloromethane	ND		ug/L	2000	5000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/09/2015 16:56	11/10/2015 03:29	SS
75-27-4	Bromodichloromethane	ND		ug/L	2000	5000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 16:56	11/10/2015 03:29	SS
75-25-2	Bromoform	ND		ug/L	2000	5000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 16:56	11/10/2015 03:29	SS
74-83-9	Bromomethane	ND		ug/L	2000	5000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 16:56	11/10/2015 03:29	SS
75-15-0	Carbon disulfide	3300	J, SCAL-E	ug/L	2000	5000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 16:56	11/10/2015 03:29	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2000	5000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 16:56	11/10/2015 03:29	SS
108-90-7	Chlorobenzene	ND		ug/L	2000	5000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 16:56	11/10/2015 03:29	SS
75-00-3	Chloroethane	ND		ug/L	2000	5000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 16:56	11/10/2015 03:29	SS
67-66-3	Chloroform	ND		ug/L	2000	5000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 16:56	11/10/2015 03:29	SS
74-87-3	Chloromethane	ND		ug/L	2000	5000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 16:56	11/10/2015 03:29	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2000	5000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 16:56	11/10/2015 03:29	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2000	5000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 16:56	11/10/2015 03:29	SS
110-82-7	Cyclohexane	ND		ug/L	2000	5000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/09/2015 16:56	11/10/2015 03:29	SS
124-48-1	Dibromochloromethane	ND		ug/L	2000	5000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 16:56	11/10/2015 03:29	SS
74-95-3	Dibromomethane	ND		ug/L	2000	5000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/09/2015 16:56	11/10/2015 03:29	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2000	5000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/09/2015 16:56	11/10/2015 03:29	SS



Sample Information

Client Sample ID: FT 273

York Sample ID: 15K0129-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15K0129

15-004

Water

November 4, 2015 9:10 am

11/04/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: Rep-04

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	2000	5000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 16:56	11/10/2015 03:29	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2000	5000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/09/2015 16:56	11/10/2015 03:29	SS
98-82-8	Isopropylbenzene	ND		ug/L	2000	5000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 16:56	11/10/2015 03:29	SS
79-20-9	Methyl acetate	ND		ug/L	2000	5000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/09/2015 16:56	11/10/2015 03:29	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2000	5000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 16:56	11/10/2015 03:29	SS
108-87-2	Methylcyclohexane	ND		ug/L	2000	5000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/09/2015 16:56	11/10/2015 03:29	SS
75-09-2	Methylene chloride	ND		ug/L	10000	20000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 16:56	11/10/2015 03:29	SS
104-51-8	n-Butylbenzene	ND		ug/L	2000	5000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 16:56	11/10/2015 03:29	SS
103-65-1	n-Propylbenzene	ND		ug/L	2000	5000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 16:56	11/10/2015 03:29	SS
95-47-6	o-Xylene	ND		ug/L	2000	5000	10000	EPA 8260C Certifications: NELAC-NY10854	11/09/2015 16:56	11/10/2015 03:29	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5000	10000	10000	EPA 8260C Certifications: NELAC-NY10854	11/09/2015 16:56	11/10/2015 03:29	SS
99-87-6	p-Isopropyltoluene	6200		ug/L	2000	5000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 16:56	11/10/2015 03:29	SS
135-98-8	sec-Butylbenzene	4100	J	ug/L	2000	5000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 16:56	11/10/2015 03:29	SS
100-42-5	Styrene	ND		ug/L	2000	5000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 16:56	11/10/2015 03:29	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	5000	20000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/09/2015 16:56	11/10/2015 03:29	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2000	5000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 16:56	11/10/2015 03:29	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2000	5000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 16:56	11/10/2015 03:29	SS
108-88-3	Toluene	ND		ug/L	2000	5000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 16:56	11/10/2015 03:29	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2000	5000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 16:56	11/10/2015 03:29	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2000	5000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 16:56	11/10/2015 03:29	SS
79-01-6	Trichloroethylene	ND		ug/L	2000	5000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 16:56	11/10/2015 03:29	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2000	5000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 16:56	11/10/2015 03:29	SS



Sample Information

Client Sample ID: FT 273

York Sample ID: 15K0129-01

York Project (SDG) No.
15K0129

Client Project ID
15-004

Matrix
Water

Collection Date/Time
November 4, 2015 9:10 am

Date Received
11/04/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: Rep-04

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	2000	5000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 16:56	11/10/2015 03:29	SS
1330-20-7	* Xylenes, Total	ND		ug/L	6000	15000	10000	EPA 8260C Certifications: CTDOH,NJDEP	11/09/2015 16:56	11/10/2015 03:29	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	95.8 %			69-130						
2037-26-5	Surrogate: Toluene-d8	106 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	112 %			79-122						

Volatile Organics, TCLP RCRA 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
75-35-4	1,1-Dichloroethylene	ND	Rep-04	mg/L	0.25	0.50	100	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 16:55	11/10/2015 01:51	SS
107-06-2	1,2-Dichloroethane	ND	Rep-04	mg/L	0.25	0.50	100	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 16:55	11/10/2015 01:51	SS
106-46-7	1,4-Dichlorobenzene	ND	Rep-04	mg/L	0.25	0.50	100	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 16:55	11/10/2015 01:51	SS
78-93-3	2-Butanone	ND	Rep-04	mg/L	0.25	0.50	100	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 16:55	11/10/2015 01:51	SS
71-43-2	Benzene	ND	Rep-04	mg/L	0.25	0.50	100	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 16:55	11/10/2015 01:51	SS
56-23-5	Carbon tetrachloride	ND	Rep-04	mg/L	0.25	0.50	100	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 16:55	11/10/2015 01:51	SS
108-90-7	Chlorobenzene	ND	Rep-04	mg/L	0.25	0.50	100	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 16:55	11/10/2015 01:51	SS
67-66-3	Chloroform	ND	Rep-04	mg/L	0.25	0.50	100	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 16:55	11/10/2015 01:51	SS
127-18-4	Tetrachloroethylene	ND	Rep-04	mg/L	0.25	0.50	100	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 16:55	11/10/2015 01:51	SS
79-01-6	Trichloroethylene	ND	Rep-04	mg/L	0.25	0.50	100	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 16:55	11/10/2015 01:51	SS
75-01-4	Vinyl Chloride	ND	Rep-04	mg/L	0.25	0.50	100	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 16:55	11/10/2015 01:51	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	105 %			65-135						
460-00-4	Surrogate: p-Bromofluorobenzene	89.9 %			81-114						
2037-26-5	Surrogate: Toluene-d8	99.8 %			86-118						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM



Sample Information

Client Sample ID: FT 273

York Sample ID: 15K0129-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15K0129

15-004

Water

November 4, 2015 9:10 am

11/04/2015

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	527		ug/L	250	500	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 14:00	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	250	500	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 14:00	KH
120-82-1	1,2,4-Trichlorobenzene	ND	IS-04	ug/L	2500	5000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/10/2015 03:18	SR
95-50-1	1,2-Dichlorobenzene	ND	IS-04	ug/L	2500	5000	100	EPA 8270D Certifications: NELAC-NY10854	11/09/2015 05:18	11/10/2015 03:18	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	250	500	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 14:00	KH
541-73-1	1,3-Dichlorobenzene	ND	IS-04	ug/L	2500	5000	100	EPA 8270D Certifications: NELAC-NY10854	11/09/2015 05:18	11/10/2015 03:18	SR
106-46-7	1,4-Dichlorobenzene	ND	IS-04	ug/L	2500	5000	100	EPA 8270D Certifications: NELAC-NY10854	11/09/2015 05:18	11/10/2015 03:18	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	250	500	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 14:00	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	250	500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 14:00	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	250	500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 14:00	KH
120-83-2	2,4-Dichlorophenol	ND	IS-04	ug/L	2500	5000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/10/2015 03:18	SR
105-67-9	2,4-Dimethylphenol	ND	IS-04	ug/L	2500	5000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/10/2015 03:18	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	250	500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 14:00	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	250	500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 14:00	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	250	500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 14:00	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	250	500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 14:00	KH
95-57-8	2-Chlorophenol	ND	IS-04	ug/L	2500	5000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/10/2015 03:18	SR
91-57-6	2-Methylnaphthalene	8160	IS-04	ug/L	2500	5000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/10/2015 03:18	SR
95-48-7	2-Methylphenol	ND	IS-04	ug/L	2500	5000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/10/2015 03:18	SR
88-74-4	2-Nitroaniline	ND		ug/L	250	500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 14:00	KH
88-75-5	2-Nitrophenol	ND	IS-04	ug/L	2500	5000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/10/2015 03:18	SR
65794-96-9	3- & 4-Methylphenols	ND	IS-04	ug/L	2500	5000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/10/2015 03:18	SR



Sample Information

Client Sample ID: FT 273

York Sample ID: 15K0129-01

York Project (SDG) No.
15K0129

Client Project ID
15-004

Matrix
Water

Collection Date/Time
November 4, 2015 9:10 am

Date Received
11/04/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	250	500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 14:00	KH
99-09-2	3-Nitroaniline	ND		ug/L	250	500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 14:00	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	250	500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 14:00	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	250	500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 14:00	KH
59-50-7	4-Chloro-3-methylphenol	ND	IS-04	ug/L	2500	5000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/10/2015 03:18	SR
106-47-8	4-Chloroaniline	ND	IS-04	ug/L	2500	5000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/10/2015 03:18	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	250	500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 14:00	KH
100-01-6	4-Nitroaniline	ND		ug/L	250	500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 14:00	KH
100-02-7	4-Nitrophenol	ND		ug/L	250	500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 14:00	KH
83-32-9	Acenaphthene	ND		ug/L	5.00	5.00	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 14:00	KH
208-96-8	Acenaphthylene	ND		ug/L	5.00	5.00	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 14:00	KH
98-86-2	Acetophenone	ND	IS-04	ug/L	2500	5000	100	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/09/2015 05:18	11/10/2015 03:18	SR
62-53-3	Aniline	ND	IS-04	ug/L	2500	5000	100	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/09/2015 05:18	11/10/2015 03:18	SR
120-12-7	Anthracene	ND		ug/L	5.00	5.00	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 14:00	KH
1912-24-9	Atrazine	ND		ug/L	50.0	50.0	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 14:00	KH
100-52-7	Benzaldehyde	ND	IS-04	ug/L	2500	5000	100	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/09/2015 05:18	11/10/2015 03:18	SR
92-87-5	Benzidine	ND		ug/L	1000	2000	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 14:00	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	5.00	5.00	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 14:00	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	5.00	5.00	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 14:00	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	5.00	5.00	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 14:00	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	5.00	5.00	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 14:00	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	5.00	5.00	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 14:00	KH



Sample Information

Client Sample ID: FT 273

York Sample ID: 15K0129-01

York Project (SDG) No.
15K0129

Client Project ID
15-004

Matrix
Water

Collection Date/Time
November 4, 2015 9:10 am

Date Received
11/04/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65-85-0	Benzoic acid	ND	IS-04	ug/L	25000	50000	100	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/09/2015 05:18	11/10/2015 03:18	SR
100-51-6	Benzyl alcohol	ND	IS-04	ug/L	2500	5000	100	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/09/2015 05:18	11/10/2015 03:18	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	250	500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 14:00	KH
111-91-1	Bis(2-chloroethoxy)methane	ND	IS-04	ug/L	2500	5000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/10/2015 03:18	SR
111-44-4	Bis(2-chloroethyl)ether	ND	IS-04	ug/L	2500	5000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/10/2015 03:18	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND	IS-04	ug/L	2500	5000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/10/2015 03:18	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	50.0	50.0	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 14:00	KH
105-60-2	Caprolactam	ND	IS-04	ug/L	2500	5000	100	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/09/2015 05:18	11/10/2015 03:18	SR
86-74-8	Carbazole	ND		ug/L	250	500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 14:00	KH
218-01-9	Chrysene	ND		ug/L	5.00	5.00	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 14:00	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	5.00	5.00	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 14:00	KH
132-64-9	Dibenzofuran	ND		ug/L	250	500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 14:00	KH
84-66-2	Diethyl phthalate	ND		ug/L	250	500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 14:00	KH
131-11-3	Dimethyl phthalate	ND		ug/L	250	500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 14:00	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	250	500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 14:00	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	250	500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 14:00	KH
206-44-0	Fluoranthene	ND		ug/L	5.00	5.00	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 14:00	KH
86-73-7	Fluorene	70.0		ug/L	5.00	5.00	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 14:00	KH
118-74-1	Hexachlorobenzene	ND		ug/L	2.00	2.00	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 14:00	KH
87-68-3	Hexachlorobutadiene	ND	IS-04	ug/L	500	500	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/10/2015 03:18	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	250	500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 14:00	KH
67-72-1	Hexachloroethane	ND	IS-04	ug/L	500	500	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/10/2015 03:18	SR



Sample Information

Client Sample ID: FT 273

York Sample ID: 15K0129-01

York Project (SDG) No.
15K0129

Client Project ID
15-004

Matrix
Water

Collection Date/Time
November 4, 2015 9:10 am

Date Received
11/04/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	5.00	5.00	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 14:00	KH
78-59-1	Isophorone	ND	IS-04	ug/L	2500	5000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/10/2015 03:18	SR
91-20-3	Naphthalene	ND	IS-04	ug/L	50.0	50.0	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/10/2015 03:18	SR
98-95-3	Nitrobenzene	ND	IS-04	ug/L	250	250	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/10/2015 03:18	SR
62-75-9	N-Nitrosodimethylamine	ND	IS-04	ug/L	500	500	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/10/2015 03:18	SR
621-64-7	N-nitroso-di-n-propylamine	ND	IS-04	ug/L	2500	5000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/10/2015 03:18	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	250	500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 14:00	KH
87-86-5	Pentachlorophenol	ND		ug/L	25.0	25.0	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 14:00	KH
85-01-8	* Phenanthrene	ND		ug/L	5.00	5.00	10	EPA 8270D Certifications:	11/09/2015 05:18	11/09/2015 14:00	KH
108-95-2	Phenol	ND	IS-04	ug/L	2500	5000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/10/2015 03:18	SR
129-00-0	Pyrene	ND		ug/L	5.00	5.00	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 14:00	KH
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	%	IS-04	12-64							
4165-62-2	Surrogate: Phenol-d5	24.0 %	IS-04	10-82							
4165-60-0	Surrogate: Nitrobenzene-d5	1310 %	IS-04	12-96							
321-60-8	Surrogate: 2-Fluorobiphenyl	26.6 %		10-93							
118-79-6	Surrogate: 2,4,6-Tribromophenol	22.3 %		10-128							
1718-51-0	Surrogate: Terphenyl-d14	28.9 %		10-100							

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		mg/L	0.110	0.250	1	EPA 8270D/1311 Certifications: NELAC-NY10854	11/09/2015 05:15	11/09/2015 21:39	SR
95-95-4	2,4,5-Trichlorophenol	ND		mg/L	0.0955	0.250	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:15	11/09/2015 21:39	SR
88-06-2	2,4,6-Trichlorophenol	ND		mg/L	0.0875	0.250	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:15	11/09/2015 21:39	SR
121-14-2	2,4-Dinitrotoluene	ND		mg/L	0.0805	0.250	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:15	11/09/2015 21:39	SR
95-48-7	2-Methylphenol	ND		mg/L	0.0580	0.250	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:15	11/09/2015 21:39	SR



Sample Information

Client Sample ID: FT 273

York Sample ID: 15K0129-01

York Project (SDG) No.

15K0129

Client Project ID

15-004

Matrix

Water

Collection Date/Time

November 4, 2015 9:10 am

Date Received

11/04/2015

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		mg/L	0.0560	0.500	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:15	11/09/2015 21:39	SR
1319-77-3	Cresols, total	ND		mg/L	0.0580	0.750	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854	11/09/2015 05:15	11/09/2015 21:39	SR
118-74-1	Hexachlorobenzene	ND		mg/L	0.0635	0.250	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:15	11/09/2015 21:39	SR
87-68-3	Hexachlorobutadiene	ND		mg/L	0.140	0.250	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:15	11/09/2015 21:39	SR
67-72-1	Hexachloroethane	ND		mg/L	0.152	0.250	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:15	11/09/2015 21:39	SR
98-95-3	Nitrobenzene	ND		mg/L	0.0845	0.250	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:15	11/09/2015 21:39	SR
87-86-5	Pentachlorophenol	ND		mg/L	0.0725	0.250	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:15	11/09/2015 21:39	SR
110-86-1	Pyridine	ND		mg/L	0.196	0.250	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:15	11/09/2015 21:39	SR
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: 2-Fluorophenol	273 %	S-D			12-64					
4165-62-2	Surrogate: Phenol-d5	218 %	S-D			10-82					
4165-60-0	Surrogate: Nitrobenzene-d5	522 %	S-D			12-96					
321-60-8	Surrogate: 2-Fluorobiphenyl	408 %	S-D			16-84					
118-79-6	Surrogate: 2,4,6-Tribromophenol	436 %	S-D			15-104					
1718-51-0	Surrogate: Terphenyl-d14	447 %	S-D			15-106					

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.500	0.500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/10/2015 06:03	11/10/2015 12:37	AMC
11104-28-2	Aroclor 1221	ND		ug/L	0.500	0.500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/10/2015 06:03	11/10/2015 12:37	AMC
11141-16-5	Aroclor 1232	ND		ug/L	0.500	0.500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/10/2015 06:03	11/10/2015 12:37	AMC
53469-21-9	Aroclor 1242	ND		ug/L	0.500	0.500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/10/2015 06:03	11/10/2015 12:37	AMC
12672-29-6	Aroclor 1248	ND		ug/L	0.500	0.500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/10/2015 06:03	11/10/2015 12:37	AMC
11097-69-1	Aroclor 1254	14.7		ug/L	0.500	0.500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/10/2015 06:03	11/10/2015 12:37	AMC
11096-82-5	Aroclor 1260	ND		ug/L	0.500	0.500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/10/2015 06:03	11/10/2015 12:37	AMC



Sample Information

Client Sample ID: FT 273

York Sample ID: 15K0129-01

York Project (SDG) No.
15K0129

Client Project ID
15-004

Matrix
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November 4, 2015 9:10 am

Date Received
11/04/2015

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1336-36-3	* Total PCBs	14.7		ug/L	0.500	0.500	1	EPA 8082A	11/10/2015 06:03	11/10/2015 12:37	AMC
Certifications:											
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	61.7 %			30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	23.2 %		GC-Sur	30-120						

Alcohols, C1-C3 Targets

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-56-1	* Methanol	ND		ug/L	1000	1000	1	EPA 8015D m	11/09/2015 10:08	11/09/2015 16:21	RB
Certifications:											

Glycols, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-21-1	* Ethylene Glycol	ND		ug/L	100000	100000	1	GC/FID	11/09/2015 09:04	11/09/2015 09:55	RB
Certifications:											

Beryllium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	Beryllium	ND		ug/L	5.00	5.00	1	EPA 6010C	11/10/2015 14:37	11/10/2015 23:31	ALD
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											

Copper by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	0.164		mg/L	0.0150	0.0150	1	EPA 6010C	11/10/2015 14:37	11/10/2015 23:31	ALD
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											

Copper, TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	0.0614		mg/L	0.0150	0.0150	1	EPA 6010C/1311	11/10/2015 14:40	11/11/2015 01:21	ALD
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											

Metals, RCRA

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: FT 273

York Sample ID: 15K0129-01

York Project (SDG) No.
15K0129

Client Project ID
15-004

Matrix
Water

Collection Date/Time
November 4, 2015 9:10 am

Date Received
11/04/2015

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.020	0.020	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/10/2015 14:37	11/10/2015 23:31	ALD
7440-39-3	Barium	0.328		mg/L	0.050	0.050	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/10/2015 14:37	11/10/2015 23:31	ALD
7440-43-9	Cadmium	ND		mg/L	0.015	0.015	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/10/2015 14:37	11/10/2015 23:31	ALD
7440-47-3	Chromium	ND		mg/L	0.025	0.025	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/10/2015 14:37	11/10/2015 23:31	ALD
7439-92-1	Lead	0.207		mg/L	0.015	0.015	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/10/2015 14:37	11/10/2015 23:31	ALD
7782-49-2	Selenium	ND		mg/L	0.050	0.050	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/10/2015 14:37	11/10/2015 23:31	ALD
7440-22-4	Silver	ND		mg/L	0.025	0.025	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/10/2015 14:37	11/10/2015 23:31	ALD

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.020	0.020	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/10/2015 14:40	11/11/2015 01:21	ALD
7440-39-3	Barium	0.391		mg/L	0.050	0.050	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/10/2015 14:40	11/11/2015 01:21	ALD
7440-43-9	Cadmium	ND		mg/L	0.015	0.015	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/10/2015 14:40	11/11/2015 01:21	ALD
7440-47-3	Chromium	ND		mg/L	0.025	0.025	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/10/2015 14:40	11/11/2015 01:21	ALD
7439-92-1	Lead	0.036		mg/L	0.015	0.015	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/10/2015 14:40	11/11/2015 01:21	ALD
7782-49-2	Selenium	ND		mg/L	0.050	0.050	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/10/2015 14:40	11/11/2015 01:21	ALD
7440-22-4	Silver	ND		mg/L	0.025	0.025	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/10/2015 14:40	11/11/2015 01:21	ALD

Nickel by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	ND		mg/L	0.0250	0.0250	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 14:37	11/10/2015 23:31	ALD

Nickel, TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	ND		mg/L	0.0250	0.0250	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 14:40	11/11/2015 01:21	ALD



Sample Information

Client Sample ID: FT 273

York Sample ID: 15K0129-01

York Project (SDG) No.
15K0129

Client Project ID
15-004

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Date Received
11/04/2015

Vanadium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-62-2	Vanadium	ND		ug/L	50.0	50.0	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 14:37	11/10/2015 23:31	ALD

Zinc by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	0.905		mg/L	0.0500	0.0500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 14:37	11/10/2015 23:31	ALD

Zinc, TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	0.486		mg/L	0.0500	0.0500	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 14:40	11/11/2015 01:21	ALD

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	0.0002	1	EPA 7470 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/06/2015 15:07	11/06/2015 16:00	AA

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00003900	0.000200	1	EPA 7470/1311 Certifications: NELAC-NY10854,NJDEP,CTDOH	11/09/2015 20:35	11/09/2015 21:00	AA

Flashpoint

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Flashpoint	> 200		°F	50.0	50.0	1	ASTM D93 Certifications:	11/09/2015 15:42	11/10/2015 11:07	KK

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND	HT-02	ug/L	10.0	10.0	1	EPA 7196A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/05/2015 19:25	11/05/2015 19:25	CLS



Sample Information

Client Sample ID: FT 273

York Sample ID: 15K0129-01

York Project (SDG) No.
15K0129

Client Project ID
15-004

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Water

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11/04/2015

Corrosivity

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* pH		6.34	HT-pH	pH units		0.500	1	SM 4500 H+B Certifications:	11/10/2015 11:21	11/10/2015 13:00	KK

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		ug/L	10.0	10.0	1	SM 4500 CN C/E Certifications: NELAC-NY10854,CTDOH,NJDEP	11/10/2015 10:27	11/10/2015 15:35	AD

Reactivity-Cyanide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Reactivity - Cyanide		ND		mg/L	0.0250	0.0250	1	EPA SW-846 Ch.7.3.3 Certifications:	11/10/2015 13:36	11/10/2015 15:29	AD

Reactivity-Sulfide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Reactivity - Sulfide		ND		mg/L	15.0	15.0	1	EPA SW-846 Ch.7.3.4 Certifications:	11/10/2015 13:40	11/10/2015 15:30	AD

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* TCLP Extraction		Completed		N/A	1.00	1.00	1	EPA 1311 Certifications:	11/06/2015 17:52	11/06/2015 19:10	CLS

TCLP Extraction for SVOCS/PEST/HERB

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* TCLP Extraction		Completed		N/A	1.00	1.00	1	EPA 1311 Certifications:	11/06/2015 17:55	11/06/2015 19:09	CLS

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* TCLP Extraction		Completed		%	1.00	1.00	1	EPA 1311 Certifications:	11/06/2015 17:56	11/06/2015 19:09	CLS



Sample Information

Client Sample ID: FT 3560

York Sample ID: 15K0129-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15K0129

15-004

Waste Water

November 4, 2015 9:05 am

11/04/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: BTL-X

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	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 14:05	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 14:05	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 14:05	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 14:05	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 14:05	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 14:05	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 14:05	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	10	25	50	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 14:05	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	10	25	50	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 14:05	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	10	25	50	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 14:05	SS
95-63-6	1,2,4-Trimethylbenzene	42		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 14:05	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 14:05	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 14:05	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 14:05	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 14:05	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 14:05	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 14:05	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 14:05	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 14:05	SS
123-91-1	1,4-Dioxane	ND		ug/L	2000	4000	50	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 14:05	SS
78-93-3	2-Butanone	3900	SCAL- E	ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 14:05	SS



Sample Information

Client Sample ID: FT 3560

York Sample ID: 15K0129-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15K0129

15-004

Waste Water

November 4, 2015 9:05 am

11/04/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: BTL-X

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	95		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 14:05	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 14:05	SS
67-64-1	Acetone	2000	SCAL- E, B	ug/L	50	100	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 14:05	SS
107-02-8	Acrolein	49	CCV-E	ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 14:05	SS
107-13-1	Acrylonitrile	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 14:05	SS
71-43-2	Benzene	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 14:05	SS
74-97-5	Bromochloromethane	ND		ug/L	10	25	50	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 14:05	SS
75-27-4	Bromodichloromethane	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 14:05	SS
75-25-2	Bromoform	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 14:05	SS
74-83-9	Bromomethane	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 14:05	SS
75-15-0	Carbon disulfide	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 14:05	SS
56-23-5	Carbon tetrachloride	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 14:05	SS
108-90-7	Chlorobenzene	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 14:05	SS
75-00-3	Chloroethane	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 14:05	SS
67-66-3	Chloroform	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 14:05	SS
74-87-3	Chloromethane	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 14:05	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 14:05	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 14:05	SS
110-82-7	Cyclohexane	ND		ug/L	10	25	50	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 14:05	SS
124-48-1	Dibromochloromethane	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 14:05	SS
74-95-3	Dibromomethane	ND		ug/L	10	25	50	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 14:05	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	10	25	50	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 14:05	SS



Sample Information

Client Sample ID: FT 3560

York Sample ID: 15K0129-02

York Project (SDG) No.

15K0129

Client Project ID

15-004

Matrix

Waste Water

Collection Date/Time

November 4, 2015 9:05 am

Date Received

11/04/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: BTL-X

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	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 14:05	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	10	25	50	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 14:05	SS
98-82-8	Isopropylbenzene	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 14:05	SS
79-20-9	Methyl acetate	ND		ug/L	10	25	50	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 14:05	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 14:05	SS
108-87-2	Methylcyclohexane	ND		ug/L	10	25	50	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 14:05	SS
75-09-2	Methylene chloride	630		ug/L	50	100	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 14:05	SS
104-51-8	n-Butylbenzene	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 14:05	SS
103-65-1	n-Propylbenzene	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 14:05	SS
95-47-6	o-Xylene	16	J	ug/L	10	25	50	EPA 8260C Certifications: NELAC-NY10854	11/11/2015 08:01	11/11/2015 14:05	SS
179601-23-1	p- & m- Xylenes	26	J	ug/L	25	50	50	EPA 8260C Certifications: NELAC-NY10854	11/11/2015 08:01	11/11/2015 14:05	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 14:05	SS
135-98-8	sec-Butylbenzene	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 14:05	SS
100-42-5	Styrene	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 14:05	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	25	50	50	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 14:05	SS
98-06-6	tert-Butylbenzene	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 14:05	SS
127-18-4	Tetrachloroethylene	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 14:05	SS
108-88-3	Toluene	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 14:05	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 14:05	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 14:05	SS
79-01-6	Trichloroethylene	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 14:05	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 14:05	SS



Sample Information

Client Sample ID: FT 3560

York Sample ID: 15K0129-02

York Project (SDG) No.
15K0129

Client Project ID
15-004

Matrix
Waste Water

Collection Date/Time
November 4, 2015 9:05 am

Date Received
11/04/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: BTL-X

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	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 14:05	SS
1330-20-7	* Xylenes, Total	42	J	ug/L	30	75	50	EPA 8260C Certifications: CTDOH,NJDEP	11/11/2015 08:01	11/11/2015 14:05	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	101 %	69-130								
2037-26-5	Surrogate: Toluene-d8	99.7 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	101 %	79-122								

Volatile Organics, TCLP RCRA 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
75-35-4	1,1-Dichloroethylene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 17:10	11/11/2015 05:16	SS
107-06-2	1,2-Dichloroethane	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 17:10	11/11/2015 05:16	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 17:10	11/11/2015 05:16	SS
78-93-3	2-Butanone	3.8		mg/L	0.25	0.50	100	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 17:10	11/10/2015 02:21	SS
71-43-2	Benzene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 17:10	11/11/2015 05:16	SS
56-23-5	Carbon tetrachloride	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 17:10	11/11/2015 05:16	SS
108-90-7	Chlorobenzene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 17:10	11/11/2015 05:16	SS
67-66-3	Chloroform	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 17:10	11/11/2015 05:16	SS
127-18-4	Tetrachloroethylene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 17:10	11/11/2015 05:16	SS
79-01-6	Trichloroethylene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 17:10	11/11/2015 05:16	SS
75-01-4	Vinyl Chloride	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 17:10	11/11/2015 05:16	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	107 %	65-135								
460-00-4	Surrogate: p-Bromofluorobenzene	97.6 %	81-114								
2037-26-5	Surrogate: Toluene-d8	106 %	86-118								

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM



Sample Information

Client Sample ID: FT 3560

York Sample ID: 15K0129-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15K0129

15-004

Waste Water

November 4, 2015 9:05 am

11/04/2015

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 12:59	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 12:59	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 12:59	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications: NELAC-NY10854	11/09/2015 05:18	11/09/2015 12:59	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 12:59	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications: NELAC-NY10854	11/09/2015 05:18	11/09/2015 12:59	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications: NELAC-NY10854	11/09/2015 05:18	11/09/2015 12:59	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 12:59	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 12:59	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 12:59	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 12:59	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 12:59	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 12:59	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 12:59	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 12:59	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 12:59	KH
95-57-8	2-Chlorophenol	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 12:59	KH
91-57-6	2-Methylnaphthalene	132		ug/L	25.0	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 12:59	KH
95-48-7	2-Methylphenol	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 12:59	KH
88-74-4	2-Nitroaniline	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 12:59	KH
88-75-5	2-Nitrophenol	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 12:59	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 12:59	KH



Sample Information

Client Sample ID: FT 3560

York Sample ID: 15K0129-02

York Project (SDG) No.

15K0129

Client Project ID

15-004

Matrix

Waste Water

Collection Date/Time

November 4, 2015 9:05 am

Date Received

11/04/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 12:59	KH
99-09-2	3-Nitroaniline	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 12:59	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 12:59	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 12:59	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 12:59	KH
106-47-8	4-Chloroaniline	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 12:59	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 12:59	KH
100-01-6	4-Nitroaniline	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 12:59	KH
100-02-7	4-Nitrophenol	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 12:59	KH
83-32-9	Acenaphthene	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 12:59	KH
208-96-8	Acenaphthylene	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 12:59	KH
98-86-2	Acetophenone	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 12:59	KH
62-53-3	Aniline	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 12:59	KH
120-12-7	Anthracene	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 12:59	KH
1912-24-9	Atrazine	ND		ug/L	5.00	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 12:59	KH
100-52-7	Benzaldehyde	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 12:59	KH
92-87-5	Benzidine	ND		ug/L	100	200	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 12:59	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 12:59	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 12:59	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 12:59	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 12:59	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 12:59	KH



Sample Information

Client Sample ID: FT 3560

York Sample ID: 15K0129-02

York Project (SDG) No.
15K0129

Client Project ID
15-004

Matrix
Waste Water

Collection Date/Time
November 4, 2015 9:05 am

Date Received
11/04/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65-85-0	Benzoic acid	ND		ug/L	250	500	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 12:59	KH
100-51-6	Benzyl alcohol	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 12:59	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 12:59	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 12:59	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 12:59	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 12:59	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	5.00	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 12:59	KH
105-60-2	Caprolactam	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 12:59	KH
86-74-8	Carbazole	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 12:59	KH
218-01-9	Chrysene	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 12:59	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 12:59	KH
132-64-9	Dibenzofuran	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 12:59	KH
84-66-2	Diethyl phthalate	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 12:59	KH
131-11-3	Dimethyl phthalate	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 12:59	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 12:59	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 12:59	KH
206-44-0	Fluoranthene	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 12:59	KH
86-73-7	Fluorene	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 12:59	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.200	0.200	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 12:59	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	5.00	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 12:59	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 12:59	KH
67-72-1	Hexachloroethane	ND		ug/L	5.00	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 12:59	KH



Sample Information

Client Sample ID: FT 3560

York Sample ID: 15K0129-02

York Project (SDG) No.
15K0129

Client Project ID
15-004

Matrix
Waste Water

Collection Date/Time
November 4, 2015 9:05 am

Date Received
11/04/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 12:59	KH
78-59-1	Isophorone	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 12:59	KH
91-20-3	Naphthalene	55.8		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 12:59	KH
98-95-3	Nitrobenzene	ND		ug/L	2.50	2.50	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 12:59	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	5.00	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 12:59	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 12:59	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 12:59	KH
87-86-5	Pentachlorophenol	ND		ug/L	2.50	2.50	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 12:59	KH
85-01-8	* Phenanthrene	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications:	11/09/2015 05:18	11/09/2015 12:59	KH
108-95-2	Phenol	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 12:59	KH
129-00-0	Pyrene	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 12:59	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	38.8 %			10-65						
4165-62-2	Surrogate: Phenol-d5	10.7 %			10-49						
4165-60-0	Surrogate: Nitrobenzene-d5	86.2 %			10-96						
321-60-8	Surrogate: 2-Fluorobiphenyl	44.2 %			10-93						
118-79-6	Surrogate: 2,4,6-Tribromophenol	43.9 %			10-128						
1718-51-0	Surrogate: Terphenyl-d14	54.1 %			10-100						

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		mg/L	0.0221	0.0500	1	EPA 8270D/1311 Certifications: NELAC-NY10854	11/09/2015 05:15	11/09/2015 21:53	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/L	0.0191	0.0500	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:15	11/09/2015 21:53	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/L	0.0175	0.0500	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:15	11/09/2015 21:53	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/L	0.0161	0.0500	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:15	11/09/2015 21:53	KH
95-48-7	2-Methylphenol	ND		mg/L	0.0116	0.0500	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:15	11/09/2015 21:53	KH



Sample Information

Client Sample ID: FT 3560

York Sample ID: 15K0129-02

York Project (SDG) No.

15K0129

Client Project ID

15-004

Matrix

Waste Water

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November 4, 2015 9:05 am

Date Received

11/04/2015

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		mg/L	0.0112	0.100	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:15	11/09/2015 21:53	KH
1319-77-3	Cresols, total	ND		mg/L	0.0116	0.150	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854	11/09/2015 05:15	11/09/2015 21:53	KH
118-74-1	Hexachlorobenzene	ND		mg/L	0.0127	0.0500	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:15	11/09/2015 21:53	KH
87-68-3	Hexachlorobutadiene	ND		mg/L	0.0279	0.0500	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:15	11/09/2015 21:53	KH
67-72-1	Hexachloroethane	ND		mg/L	0.0304	0.0500	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:15	11/09/2015 21:53	KH
98-95-3	Nitrobenzene	ND		mg/L	0.0169	0.0500	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:15	11/09/2015 21:53	KH
87-86-5	Pentachlorophenol	ND		mg/L	0.0145	0.0500	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:15	11/09/2015 21:53	KH
110-86-1	Pyridine	ND		mg/L	0.0391	0.0500	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:15	11/09/2015 21:53	KH
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: 2-Fluorophenol	7.73 %	S-08								
4165-62-2	Surrogate: Phenol-d5	41.0 %									
4165-60-0	Surrogate: Nitrobenzene-d5	65.0 %									
321-60-8	Surrogate: 2-Fluorobiphenyl	86.3 %	S-08								
118-79-6	Surrogate: 2,4,6-Tribromophenol	103 %									
1718-51-0	Surrogate: Terphenyl-d14	129 %	S-08								

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.500	0.500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/10/2015 06:03	11/10/2015 12:57	AMC
11104-28-2	Aroclor 1221	ND		ug/L	0.500	0.500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/10/2015 06:03	11/10/2015 12:57	AMC
11141-16-5	Aroclor 1232	ND		ug/L	0.500	0.500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/10/2015 06:03	11/10/2015 12:57	AMC
53469-21-9	Aroclor 1242	ND		ug/L	0.500	0.500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/10/2015 06:03	11/10/2015 12:57	AMC
12672-29-6	Aroclor 1248	ND		ug/L	0.500	0.500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/10/2015 06:03	11/10/2015 12:57	AMC
11097-69-1	Aroclor 1254	ND		ug/L	0.500	0.500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/10/2015 06:03	11/10/2015 12:57	AMC
11096-82-5	Aroclor 1260	ND		ug/L	0.500	0.500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/10/2015 06:03	11/10/2015 12:57	AMC



Sample Information

Client Sample ID: FT 3560

York Sample ID: 15K0129-02

York Project (SDG) No.
15K0129

Client Project ID
15-004

Matrix
Waste Water

Collection Date/Time
November 4, 2015 9:05 am

Date Received
11/04/2015

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1336-36-3	* Total PCBs	ND		ug/L	0.500	0.500	1	EPA 8082A	11/10/2015 06:03	11/10/2015 12:57	AMC
Certifications:											
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	53.2 %		30-120							
2051-24-3	Surrogate: Decachlorobiphenyl	34.3 %		30-120							

Alcohols, C1-C3 Targets

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-56-1	* Methanol	14100		ug/L	1000	1000	1	EPA 8015D m	11/09/2015 10:08	11/09/2015 17:02	RB
Certifications:											

Glycols, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-21-1	* Ethylene Glycol	ND		ug/L	100000	100000	1	GC/FID	11/09/2015 09:04	11/09/2015 10:37	RB
Certifications:											

Beryllium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	Beryllium	ND		ug/L	5.00	5.00	1	EPA 6010C	11/10/2015 14:37	11/10/2015 23:36	ALD
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											

Copper by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	0.0175		mg/L	0.0150	0.0150	1	EPA 6010C	11/10/2015 14:37	11/10/2015 23:36	ALD
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											

Copper, TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	0.0259		mg/L	0.0150	0.0150	1	EPA 6010C/1311	11/10/2015 14:40	11/11/2015 01:39	ALD
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

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



Sample Information

Client Sample ID: FT 3560

York Sample ID: 15K0129-02

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Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.020	0.020	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/10/2015 14:37	11/10/2015 23:36	ALD
7440-39-3	Barium	0.087		mg/L	0.050	0.050	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/10/2015 14:37	11/10/2015 23:36	ALD
7440-43-9	Cadmium	ND		mg/L	0.015	0.015	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/10/2015 14:37	11/10/2015 23:36	ALD
7440-47-3	Chromium	ND		mg/L	0.025	0.025	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/10/2015 14:37	11/10/2015 23:36	ALD
7439-92-1	Lead	0.072		mg/L	0.015	0.015	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/10/2015 14:37	11/10/2015 23:36	ALD
7782-49-2	Selenium	0.060		mg/L	0.050	0.050	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/10/2015 14:37	11/10/2015 23:36	ALD
7440-22-4	Silver	ND		mg/L	0.025	0.025	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/10/2015 14:37	11/10/2015 23:36	ALD

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.020	0.020	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/10/2015 14:40	11/11/2015 01:39	ALD
7440-39-3	Barium	0.381		mg/L	0.050	0.050	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/10/2015 14:40	11/11/2015 01:39	ALD
7440-43-9	Cadmium	ND		mg/L	0.015	0.015	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/10/2015 14:40	11/11/2015 01:39	ALD
7440-47-3	Chromium	ND		mg/L	0.025	0.025	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/10/2015 14:40	11/11/2015 01:39	ALD
7439-92-1	Lead	0.020		mg/L	0.015	0.015	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/10/2015 14:40	11/11/2015 01:39	ALD
7782-49-2	Selenium	ND		mg/L	0.050	0.050	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/10/2015 14:40	11/11/2015 01:39	ALD
7440-22-4	Silver	ND		mg/L	0.025	0.025	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/10/2015 14:40	11/11/2015 01:39	ALD

Nickel by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	0.411		mg/L	0.0250	0.0250	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 14:37	11/10/2015 23:36	ALD

Nickel, TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	0.283		mg/L	0.0250	0.0250	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 14:40	11/11/2015 01:39	ALD



Sample Information

Client Sample ID: FT 3560

York Sample ID: 15K0129-02

York Project (SDG) No.
15K0129

Client Project ID
15-004

Matrix
Waste Water

Collection Date/Time
November 4, 2015 9:05 am

Date Received
11/04/2015

Vanadium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-62-2	Vanadium	ND		ug/L	50.0	50.0	1	EPA 6010C	11/10/2015 14:37	11/10/2015 23:36	ALD
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											

Zinc by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	3.26		mg/L	0.0500	0.0500	1	EPA 6010C	11/10/2015 14:37	11/10/2015 23:36	ALD
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											

Zinc, TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	2.63		mg/L	0.0500	0.0500	1	EPA 6010C/1311	11/10/2015 14:40	11/11/2015 01:39	ALD
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	0.0002	1	EPA 7470	11/06/2015 15:07	11/06/2015 16:00	AA
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00003900	0.000200	1	EPA 7470/1311	11/09/2015 20:35	11/09/2015 21:00	AA
Certifications: NELAC-NY10854,NJDEP,CTDOH											

Flashpoint

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Flashpoint	> 200		°F	50.0	50.0	1	ASTM D93	11/09/2015 15:42	11/10/2015 11:07	KK
Certifications:											

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND	HT-02	ug/L	10.0	10.0	1	EPA 7196A	11/05/2015 19:25	11/05/2015 19:25	CLS
Certifications: NELAC-NY10854,CTDOH,NJDEP											



Sample Information

Client Sample ID: FT 3560

York Sample ID: 15K0129-02

York Project (SDG) No.
15K0129

Client Project ID
15-004

Matrix
Waste Water

Collection Date/Time
November 4, 2015 9:05 am

Date Received
11/04/2015

Corrosivity

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* pH		5.75	HT-pH	pH units		0.500	1	SM 4500 H+B Certifications:	11/10/2015 11:21	11/10/2015 13:00	KK

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		ug/L	10.0	10.0	1	SM 4500 CN C/E Certifications: NELAC-NY10854,CTDOH,NJDEP	11/10/2015 10:27	11/10/2015 15:35	AD

Reactivity-Cyanide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Reactivity - Cyanide		ND		mg/L	0.0250	0.0250	1	EPA SW-846 Ch.7.3.3 Certifications:	11/10/2015 13:36	11/10/2015 15:29	AD

Reactivity-Sulfide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Reactivity - Sulfide		ND		mg/L	15.0	15.0	1	EPA SW-846 Ch.7.3.4 Certifications:	11/10/2015 13:40	11/10/2015 15:30	AD

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* TCLP Extraction		Completed		N/A	1.00	1.00	1	EPA 1311 Certifications:	11/06/2015 17:52	11/06/2015 19:10	CLS

TCLP Extraction for SVOCs/PEST/HERB

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* TCLP Extraction		Completed		N/A	1.00	1.00	1	EPA 1311 Certifications:	11/06/2015 17:55	11/06/2015 19:09	CLS

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* TCLP Extraction		Completed		%	1.00	1.00	1	EPA 1311 Certifications:	11/06/2015 17:56	11/06/2015 19:09	CLS



Sample Information

Client Sample ID: Tote D5

York Sample ID: 15K0129-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15K0129

15-004

Waste Water

November 4, 2015 9:15 am

11/04/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: BTL-X, Rep-04

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	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 15:10	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 15:10	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 15:10	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 15:10	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 15:10	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 15:10	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 15:10	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	10	25	50	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 15:10	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	10	25	50	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 15:10	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	10	25	50	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 15:10	SS
95-63-6	1,2,4-Trimethylbenzene	200		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 15:10	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 15:10	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 15:10	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 15:10	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 15:10	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 15:10	SS
108-67-8	1,3,5-Trimethylbenzene	45		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 15:10	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 15:10	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 15:10	SS
123-91-1	1,4-Dioxane	ND		ug/L	2000	4000	50	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 15:10	SS
78-93-3	2-Butanone	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 15:10	SS



Sample Information

Client Sample ID: Tote D5

York Sample ID: 15K0129-03

York Project (SDG) No.
15K0129

Client Project ID
15-004

Matrix
Waste Water

Collection Date/Time
November 4, 2015 9:15 am

Date Received
11/04/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: BTL-X, Rep-04

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	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 15:10	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 15:10	SS
67-64-1	Acetone	ND		ug/L	50	100	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 15:10	SS
107-02-8	Acrolein	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 15:10	SS
107-13-1	Acrylonitrile	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 15:10	SS
71-43-2	Benzene	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 15:10	SS
74-97-5	Bromochloromethane	ND		ug/L	10	25	50	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 15:10	SS
75-27-4	Bromodichloromethane	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 15:10	SS
75-25-2	Bromoform	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 15:10	SS
74-83-9	Bromomethane	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 15:10	SS
75-15-0	Carbon disulfide	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 15:10	SS
56-23-5	Carbon tetrachloride	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 15:10	SS
108-90-7	Chlorobenzene	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 15:10	SS
75-00-3	Chloroethane	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 15:10	SS
67-66-3	Chloroform	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 15:10	SS
74-87-3	Chloromethane	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 15:10	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 15:10	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 15:10	SS
110-82-7	Cyclohexane	ND		ug/L	10	25	50	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 15:10	SS
124-48-1	Dibromochloromethane	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 15:10	SS
74-95-3	Dibromomethane	ND		ug/L	10	25	50	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 15:10	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	10	25	50	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 15:10	SS



Sample Information

Client Sample ID: Tote D5

York Sample ID: 15K0129-03

York Project (SDG) No.

15K0129

Client Project ID

15-004

Matrix

Waste Water

Collection Date/Time

November 4, 2015 9:15 am

Date Received

11/04/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: BTL-X, Rep-04

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	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 15:10	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	10	25	50	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 15:10	SS
98-82-8	Isopropylbenzene	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 15:10	SS
79-20-9	Methyl acetate	ND		ug/L	10	25	50	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 15:10	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 15:10	SS
108-87-2	Methylcyclohexane	ND		ug/L	10	25	50	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 15:10	SS
75-09-2	Methylene chloride	68	J	ug/L	50	100	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 15:10	SS
104-51-8	n-Butylbenzene	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 15:10	SS
103-65-1	n-Propylbenzene	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 15:10	SS
95-47-6	o-Xylene	10	J	ug/L	10	25	50	EPA 8260C Certifications: NELAC-NY10854	11/11/2015 08:01	11/11/2015 15:10	SS
179601-23-1	p- & m- Xylenes	30	J	ug/L	25	50	50	EPA 8260C Certifications: NELAC-NY10854	11/11/2015 08:01	11/11/2015 15:10	SS
99-87-6	p-Isopropyltoluene	15	J	ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 15:10	SS
135-98-8	sec-Butylbenzene	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 15:10	SS
100-42-5	Styrene	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 15:10	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	25	50	50	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 15:10	SS
98-06-6	tert-Butylbenzene	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 15:10	SS
127-18-4	Tetrachloroethylene	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 15:10	SS
108-88-3	Toluene	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 15:10	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 15:10	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 15:10	SS
79-01-6	Trichloroethylene	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 15:10	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 15:10	SS



Sample Information

Client Sample ID: Tote D5

York Sample ID: 15K0129-03

York Project (SDG) No.
15K0129

Client Project ID
15-004

Matrix
Waste Water

Collection Date/Time
November 4, 2015 9:15 am

Date Received
11/04/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: BTL-X, Rep-04

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	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/11/2015 08:01	11/11/2015 15:10	SS
1330-20-7	* Xylenes, Total	40	J	ug/L	30	75	50	EPA 8260C Certifications: CTDOH,NJDEP	11/11/2015 08:01	11/11/2015 15:10	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %	69-130								
2037-26-5	Surrogate: Toluene-d8	98.1 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	98.3 %	79-122								

Volatile Organics, TCLP RCRA 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
75-35-4	1,1-Dichloroethylene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/11/2015 11:10	11/11/2015 14:30	BK
107-06-2	1,2-Dichloroethane	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/11/2015 11:10	11/11/2015 14:30	BK
106-46-7	1,4-Dichlorobenzene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/11/2015 11:10	11/11/2015 14:30	BK
78-93-3	2-Butanone	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/11/2015 11:10	11/11/2015 14:30	BK
71-43-2	Benzene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/11/2015 11:10	11/11/2015 14:30	BK
56-23-5	Carbon tetrachloride	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/11/2015 11:10	11/11/2015 14:30	BK
108-90-7	Chlorobenzene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/11/2015 11:10	11/11/2015 14:30	BK
67-66-3	Chloroform	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/11/2015 11:10	11/11/2015 14:30	BK
127-18-4	Tetrachloroethylene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/11/2015 11:10	11/11/2015 14:30	BK
79-01-6	Trichloroethylene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/11/2015 11:10	11/11/2015 14:30	BK
75-01-4	Vinyl Chloride	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/11/2015 11:10	11/11/2015 14:30	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	101 %	65-135								
460-00-4	Surrogate: p-Bromofluorobenzene	93.1 %	81-114								
2037-26-5	Surrogate: Toluene-d8	105 %	86-118								

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM



Sample Information

Client Sample ID: Tote D5

York Sample ID: 15K0129-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15K0129

15-004

Waste Water

November 4, 2015 9:15 am

11/04/2015

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	663		ug/L	250	500	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 13:29	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	250	500	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 13:29	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2500	5000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/10/2015 03:51	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	250	500	10	EPA 8270D Certifications: NELAC-NY10854	11/09/2015 05:18	11/09/2015 13:29	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	250	500	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 13:29	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	250	500	10	EPA 8270D Certifications: NELAC-NY10854	11/09/2015 05:18	11/09/2015 13:29	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	250	500	10	EPA 8270D Certifications: NELAC-NY10854	11/09/2015 05:18	11/09/2015 13:29	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	250	500	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 13:29	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	250	500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 13:29	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	250	500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 13:29	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2500	5000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/10/2015 03:51	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	2500	5000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/10/2015 03:51	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	250	500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 13:29	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	250	500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 13:29	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	250	500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 13:29	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	250	500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 13:29	KH
95-57-8	2-Chlorophenol	ND		ug/L	250	500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 13:29	KH
91-57-6	2-Methylnaphthalene	24200		ug/L	2500	5000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/10/2015 03:51	SR
95-48-7	2-Methylphenol	ND		ug/L	250	500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 13:29	KH
88-74-4	2-Nitroaniline	ND		ug/L	250	500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 13:29	KH
88-75-5	2-Nitrophenol	ND		ug/L	2500	5000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/10/2015 03:51	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	250	500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 13:29	KH



Sample Information

Client Sample ID: Tote D5

York Sample ID: 15K0129-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15K0129

15-004

Waste Water

November 4, 2015 9:15 am

11/04/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	250	500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 13:29	KH
99-09-2	3-Nitroaniline	ND		ug/L	250	500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 13:29	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	250	500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 13:29	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	250	500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 13:29	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2500	5000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/10/2015 03:51	SR
106-47-8	4-Chloroaniline	ND		ug/L	2500	5000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/10/2015 03:51	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	250	500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 13:29	KH
100-01-6	4-Nitroaniline	ND		ug/L	250	500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 13:29	KH
100-02-7	4-Nitrophenol	ND		ug/L	250	500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 13:29	KH
83-32-9	Acenaphthene	ND		ug/L	5.00	5.00	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 13:29	KH
208-96-8	Acenaphthylene	ND		ug/L	5.00	5.00	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 13:29	KH
98-86-2	Acetophenone	ND		ug/L	250	500	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 13:29	KH
62-53-3	Aniline	ND		ug/L	250	500	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 13:29	KH
120-12-7	Anthracene	ND		ug/L	5.00	5.00	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 13:29	KH
1912-24-9	Atrazine	ND		ug/L	50.0	50.0	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 13:29	KH
100-52-7	Benzaldehyde	ND		ug/L	250	500	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 13:29	KH
92-87-5	Benzidine	ND		ug/L	1000	2000	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 13:29	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	5.00	5.00	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 13:29	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	5.00	5.00	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 13:29	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	5.00	5.00	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 13:29	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	5.00	5.00	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 13:29	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	5.00	5.00	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 13:29	KH



Sample Information

Client Sample ID: Tote D5

York Sample ID: 15K0129-03

York Project (SDG) No.
15K0129

Client Project ID
15-004

Matrix
Waste Water

Collection Date/Time
November 4, 2015 9:15 am

Date Received
11/04/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65-85-0	Benzoic acid	ND		ug/L	25000	50000	100	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/09/2015 05:18	11/10/2015 03:51	SR
100-51-6	Benzyl alcohol	ND		ug/L	250	500	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 13:29	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	250	500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 13:29	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2500	5000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/10/2015 03:51	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	250	500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 13:29	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	250	500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 13:29	KH
117-81-7	Bis(2-ethylhexyl)phthalate	117		ug/L	50.0	50.0	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 13:29	KH
105-60-2	Caprolactam	ND		ug/L	2500	5000	100	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/09/2015 05:18	11/10/2015 03:51	SR
86-74-8	Carbazole	ND		ug/L	250	500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 13:29	KH
218-01-9	Chrysene	ND		ug/L	5.00	5.00	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 13:29	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	5.00	5.00	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 13:29	KH
132-64-9	Dibenzofuran	ND		ug/L	250	500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 13:29	KH
84-66-2	Diethyl phthalate	ND		ug/L	250	500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 13:29	KH
131-11-3	Dimethyl phthalate	ND		ug/L	250	500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 13:29	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	250	500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 13:29	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	250	500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 13:29	KH
206-44-0	Fluoranthene	ND		ug/L	5.00	5.00	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 13:29	KH
86-73-7	Fluorene	ND		ug/L	5.00	5.00	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 13:29	KH
118-74-1	Hexachlorobenzene	ND		ug/L	2.00	2.00	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 13:29	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	500	500	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/10/2015 03:51	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	250	500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 13:29	KH
67-72-1	Hexachloroethane	ND		ug/L	50.0	50.0	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 13:29	KH



Sample Information

Client Sample ID: Tote D5

York Sample ID: 15K0129-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15K0129

15-004

Waste Water

November 4, 2015 9:15 am

11/04/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	5.00	5.00	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 13:29	KH
78-59-1	Isophorone	ND		ug/L	2500	5000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/10/2015 03:51	SR
91-20-3	Naphthalene	9590		ug/L	50.0	50.0	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/10/2015 03:51	SR
98-95-3	Nitrobenzene	ND		ug/L	250	250	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/10/2015 03:51	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	50.0	50.0	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 13:29	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	250	500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 13:29	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	250	500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 13:29	KH
87-86-5	Pentachlorophenol	ND		ug/L	25.0	25.0	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 13:29	KH
85-01-8	* Phenanthrene	ND		ug/L	5.00	5.00	10	EPA 8270D Certifications:	11/09/2015 05:18	11/09/2015 13:29	KH
108-95-2	Phenol	ND		ug/L	250	500	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 13:29	KH
129-00-0	Pyrene	ND		ug/L	5.00	5.00	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:18	11/09/2015 13:29	KH
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	51.7 %	10-65								
4165-62-2	Surrogate: Phenol-d5	20.9 %	10-49								
4165-60-0	Surrogate: Nitrobenzene-d5	562 %	12-96								
321-60-8	Surrogate: 2-Fluorobiphenyl	79.1 %	10-93								
118-79-6	Surrogate: 2,4,6-Tribromophenol	92.5 %	10-128								
1718-51-0	Surrogate: Terphenyl-d14	103 %	10-100								

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		mg/L	0.221	0.500	10	EPA 8270D/1311 Certifications: NELAC-NY10854	11/09/2015 05:15	11/09/2015 22:46	SR
95-95-4	2,4,5-Trichlorophenol	ND		mg/L	0.191	0.500	10	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:15	11/09/2015 22:46	SR
88-06-2	2,4,6-Trichlorophenol	ND		mg/L	0.175	0.500	10	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:15	11/09/2015 22:46	SR
121-14-2	2,4-Dinitrotoluene	ND		mg/L	0.161	0.500	10	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:15	11/09/2015 22:46	SR
95-48-7	2-Methylphenol	ND		mg/L	0.116	0.500	10	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:15	11/09/2015 22:46	SR



Sample Information

Client Sample ID: Tote D5

York Sample ID: 15K0129-03

York Project (SDG) No.

15K0129

Client Project ID

15-004

Matrix

Waste Water

Collection Date/Time

November 4, 2015 9:15 am

Date Received

11/04/2015

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		mg/L	0.112	1.00	10	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:15	11/09/2015 22:46	SR
1319-77-3	Cresols, total	ND		mg/L	0.116	1.50	10	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854	11/09/2015 05:15	11/09/2015 22:46	SR
118-74-1	Hexachlorobenzene	ND		mg/L	0.127	0.500	10	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:15	11/09/2015 22:46	SR
87-68-3	Hexachlorobutadiene	ND		mg/L	0.279	0.500	10	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:15	11/09/2015 22:46	SR
67-72-1	Hexachloroethane	ND		mg/L	0.304	0.500	10	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:15	11/09/2015 22:46	SR
98-95-3	Nitrobenzene	ND		mg/L	0.169	0.500	10	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:15	11/09/2015 22:46	SR
87-86-5	Pentachlorophenol	ND		mg/L	0.145	0.500	10	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:15	11/09/2015 22:46	SR
110-86-1	Pyridine	ND		mg/L	0.391	0.500	10	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:15	11/09/2015 22:46	SR
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: 2-Fluorophenol	44.0 %									
4165-62-2	Surrogate: Phenol-d5	34.5 %									
4165-60-0	Surrogate: Nitrobenzene-d5	301 %	S-01								
321-60-8	Surrogate: 2-Fluorobiphenyl	105 %	S-01								
118-79-6	Surrogate: 2,4,6-Tribromophenol	79.5 %									
1718-51-0	Surrogate: Terphenyl-d14	82.1 %									

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.500	0.500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/10/2015 06:03	11/10/2015 13:13	AMC
11104-28-2	Aroclor 1221	ND		ug/L	0.500	0.500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/10/2015 06:03	11/10/2015 13:13	AMC
11141-16-5	Aroclor 1232	ND		ug/L	0.500	0.500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/10/2015 06:03	11/10/2015 13:13	AMC
53469-21-9	Aroclor 1242	ND		ug/L	0.500	0.500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/10/2015 06:03	11/10/2015 13:13	AMC
12672-29-6	Aroclor 1248	ND		ug/L	0.500	0.500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/10/2015 06:03	11/10/2015 13:13	AMC
11097-69-1	Aroclor 1254	ND		ug/L	0.500	0.500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/10/2015 06:03	11/10/2015 13:13	AMC
11096-82-5	Aroclor 1260	ND		ug/L	0.500	0.500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/10/2015 06:03	11/10/2015 13:13	AMC



Sample Information

Client Sample ID: Tote D5

York Sample ID: 15K0129-03

York Project (SDG) No.
15K0129

Client Project ID
15-004

Matrix
Waste Water

Collection Date/Time
November 4, 2015 9:15 am

Date Received
11/04/2015

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1336-36-3	* Total PCBs	ND		ug/L	0.500	0.500	1	EPA 8082A	11/10/2015 06:03	11/10/2015 13:13	AMC
Certifications:											
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	105 %	30-120								
2051-24-3	Surrogate: Decachlorobiphenyl	72.9 %	30-120								

Alcohols, C1-C3 Targets

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-56-1	* Methanol	4590		ug/L	1000	1000	1	EPA 8015D m	11/09/2015 10:08	11/09/2015 17:23	RB
Certifications:											

Glycols, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-21-1	* Ethylene Glycol	ND		ug/L	100000	100000	1	GC/FID	11/09/2015 09:04	11/09/2015 10:58	RB
Certifications:											

Beryllium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	Beryllium	ND		ug/L	5.00	5.00	1	EPA 6010C	11/10/2015 14:37	11/10/2015 23:41	ALD
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											

Copper by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	0.174		mg/L	0.0150	0.0150	1	EPA 6010C	11/10/2015 14:37	11/10/2015 23:41	ALD
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											

Copper, TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	0.0355		mg/L	0.0150	0.0150	1	EPA 6010C/1311	11/10/2015 14:40	11/11/2015 01:44	ALD
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

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



Sample Information

Client Sample ID: Tote D5

York Sample ID: 15K0129-03

York Project (SDG) No.
15K0129

Client Project ID
15-004

Matrix
Waste Water

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Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.020	0.020	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/10/2015 14:37	11/10/2015 23:41	ALD
7440-39-3	Barium	0.186		mg/L	0.050	0.050	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/10/2015 14:37	11/10/2015 23:41	ALD
7440-43-9	Cadmium	ND		mg/L	0.015	0.015	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/10/2015 14:37	11/10/2015 23:41	ALD
7440-47-3	Chromium	ND		mg/L	0.025	0.025	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/10/2015 14:37	11/10/2015 23:41	ALD
7439-92-1	Lead	0.231		mg/L	0.015	0.015	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/10/2015 14:37	11/10/2015 23:41	ALD
7782-49-2	Selenium	ND		mg/L	0.050	0.050	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/10/2015 14:37	11/10/2015 23:41	ALD
7440-22-4	Silver	ND		mg/L	0.025	0.025	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/10/2015 14:37	11/10/2015 23:41	ALD

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.020	0.020	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/10/2015 14:40	11/11/2015 01:44	ALD
7440-39-3	Barium	0.372		mg/L	0.050	0.050	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/10/2015 14:40	11/11/2015 01:44	ALD
7440-43-9	Cadmium	ND		mg/L	0.015	0.015	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/10/2015 14:40	11/11/2015 01:44	ALD
7440-47-3	Chromium	ND		mg/L	0.025	0.025	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/10/2015 14:40	11/11/2015 01:44	ALD
7439-92-1	Lead	ND		mg/L	0.015	0.015	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/10/2015 14:40	11/11/2015 01:44	ALD
7782-49-2	Selenium	ND		mg/L	0.050	0.050	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/10/2015 14:40	11/11/2015 01:44	ALD
7440-22-4	Silver	ND		mg/L	0.025	0.025	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/10/2015 14:40	11/11/2015 01:44	ALD

Nickel by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	ND		mg/L	0.0250	0.0250	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 14:37	11/10/2015 23:41	ALD

Nickel, TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

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



Sample Information

Client Sample ID: Tote D5

York Sample ID: 15K0129-03

York Project (SDG) No.
15K0129

Client Project ID
15-004

Matrix
Waste Water

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11/04/2015

Nickel, TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	ND		mg/L	0.0250	0.0250	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 14:40	11/11/2015 01:44	ALD

Vanadium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-62-2	Vanadium	ND		ug/L	50.0	50.0	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 14:37	11/10/2015 23:41	ALD

Zinc by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	0.920		mg/L	0.0500	0.0500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 14:37	11/10/2015 23:41	ALD

Zinc, TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	0.222		mg/L	0.0500	0.0500	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 14:40	11/11/2015 01:44	ALD

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	0.0002	1	EPA 7470 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/06/2015 15:07	11/06/2015 16:00	AA

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00003900	0.000200	1	EPA 7470/1311 Certifications: NELAC-NY10854,NJDEP,CTDOH	11/09/2015 20:35	11/09/2015 21:00	AA

Flashpoint

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Flashpoint	> 200		°F	50.0	50.0	1	ASTM D93 Certifications:	11/09/2015 15:42	11/10/2015 11:07	KK



Sample Information

Client Sample ID: Tote D5

York Sample ID: 15K0129-03

York Project (SDG) No.

15K0129

Client Project ID

15-004

Matrix

Waste Water

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11/04/2015

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND	HT-02	ug/L	10.0	10.0	1	EPA 7196A Certifications: NELAC-NY10854,CTDOH,NJDEP	11/05/2015 19:25	11/05/2015 19:25	CLS

Corrosivity

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* pH	7.91	HT-pH	pH units		0.500	1	SM 4500 H+B Certifications:	11/10/2015 11:21	11/10/2015 13:00	KK

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		ug/L	10.0	10.0	1	SM 4500 CN C/E Certifications: NELAC-NY10854,CTDOH,NJDEP	11/10/2015 10:27	11/10/2015 15:35	AD

Reactivity-Cyanide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Cyanide	ND		mg/L	0.0250	0.0250	1	EPA SW-846 Ch.7.3.3 Certifications:	11/10/2015 13:36	11/10/2015 15:29	AD

Reactivity-Sulfide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Sulfide	ND		mg/L	15.0	15.0	1	EPA SW-846 Ch.7.3.4 Certifications:	11/10/2015 13:40	11/10/2015 15:30	AD

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311 Certifications:	11/06/2015 17:52	11/06/2015 19:10	CLS

TCLP Extraction for SVOCs/PEST/HERB

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311 Certifications:	11/06/2015 17:55	11/06/2015 19:09	CLS

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: Tote D5

York Sample ID: 15K0129-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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15K0129

15-004

Waste Water

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Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* TCLP Extraction	Completed		%	1.00	1.00	1	EPA 1311 Certifications:	11/06/2015 17:56	11/06/2015 19:09	CLS

Sample Information

Client Sample ID: UST-D1

York Sample ID: 15K0129-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15K0129

15-004

Sludge

November 4, 2015 9:30 am

11/04/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

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/kg dry	34000	68000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 19:51	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	34000	68000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 19:51	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	34000	68000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 19:51	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	34000	68000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 19:51	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	34000	68000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 19:51	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	34000	68000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 19:51	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	34000	68000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 19:51	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	34000	68000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 19:51	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	34000	68000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 19:51	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	34000	68000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 19:51	SS
95-63-6	1,2,4-Trimethylbenzene	70000		ug/kg dry	34000	68000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 19:51	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	34000	68000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 19:51	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	34000	68000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 19:51	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	34000	68000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 19:51	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	34000	68000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 19:51	SS



Sample Information

Client Sample ID: UST-D1

York Sample ID: 15K0129-04

York Project (SDG) No.
15K0129

Client Project ID
15-004

Matrix
Sludge

Collection Date/Time
November 4, 2015 9:30 am

Date Received
11/04/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	34000	68000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 19:51	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	34000	68000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 19:51	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	34000	68000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 19:51	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	34000	68000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 19:51	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	680000	1400000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 19:51	SS
78-93-3	2-Butanone	ND		ug/kg dry	34000	68000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 19:51	SS
591-78-6	2-Hexanone	ND		ug/kg dry	34000	68000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 19:51	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	34000	68000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 19:51	SS
67-64-1	Acetone	ND		ug/kg dry	68000	140000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 19:51	SS
107-02-8	Acrolein	ND		ug/kg dry	68000	140000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 19:51	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	34000	68000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 19:51	SS
71-43-2	Benzene	ND		ug/kg dry	34000	68000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 19:51	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	34000	68000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 19:51	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	34000	68000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 19:51	SS
75-25-2	Bromoform	ND		ug/kg dry	34000	68000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 19:51	SS
74-83-9	Bromomethane	ND		ug/kg dry	34000	68000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 19:51	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	34000	68000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 19:51	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	34000	68000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 19:51	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	34000	68000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 19:51	SS
75-00-3	Chloroethane	ND		ug/kg dry	34000	68000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 19:51	SS
67-66-3	Chloroform	ND		ug/kg dry	34000	68000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 19:51	SS
74-87-3	Chloromethane	ND		ug/kg dry	34000	68000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 19:51	SS



Sample Information

Client Sample ID: UST-D1

York Sample ID: 15K0129-04

York Project (SDG) No.

15K0129

Client Project ID

15-004

Matrix

Sludge

Collection Date/Time

November 4, 2015 9:30 am

Date Received

11/04/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	34000	68000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 19:51	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	34000	68000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 19:51	SS
110-82-7	Cyclohexane	ND		ug/kg dry	34000	68000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 19:51	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	34000	68000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 19:51	SS
74-95-3	Dibromomethane	ND		ug/kg dry	34000	68000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 19:51	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	34000	68000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 19:51	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	34000	68000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 19:51	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	34000	68000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 19:51	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	34000	68000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 19:51	SS
79-20-9	Methyl acetate	ND		ug/kg dry	34000	68000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 19:51	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	34000	68000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 19:51	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	34000	68000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 19:51	SS
75-09-2	Methylene chloride	ND		ug/kg dry	68000	140000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 19:51	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	34000	68000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 19:51	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	34000	68000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 19:51	SS
95-47-6	o-Xylene	ND		ug/kg dry	34000	68000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854	11/09/2015 08:42	11/09/2015 19:51	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	68000	140000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854	11/09/2015 08:42	11/09/2015 19:51	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	34000	68000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 19:51	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	34000	68000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 19:51	SS
100-42-5	Styrene	ND		ug/kg dry	34000	68000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 19:51	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	34000	68000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 19:51	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	34000	68000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 19:51	SS



Sample Information

Client Sample ID: UST-D1

York Sample ID: 15K0129-04

York Project (SDG) No.
15K0129

Client Project ID
15-004

Matrix
Sludge

Collection Date/Time
November 4, 2015 9:30 am

Date Received
11/04/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/kg dry	34000	68000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 19:51	SS
108-88-3	Toluene	ND		ug/kg dry	34000	68000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 19:51	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	34000	68000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 19:51	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	34000	68000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 19:51	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	34000	68000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 19:51	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	34000	68000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 19:51	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	34000	68000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 19:51	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	100000	200000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 19:51	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %	77-125								
2037-26-5	Surrogate: Toluene-d8	100 %	85-120								
460-00-4	Surrogate: p-Bromofluorobenzene	99.0 %	76-130								

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 16:53	11/10/2015 03:22	SS
107-06-2	1,2-Dichloroethane	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 16:53	11/10/2015 03:22	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 16:53	11/10/2015 03:22	SS
78-93-3	2-Butanone	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 16:53	11/10/2015 03:22	SS
71-43-2	Benzene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 16:53	11/10/2015 03:22	SS
56-23-5	Carbon tetrachloride	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 16:53	11/10/2015 03:22	SS
108-90-7	Chlorobenzene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 16:53	11/10/2015 03:22	SS
67-66-3	Chloroform	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 16:53	11/10/2015 03:22	SS
127-18-4	Tetrachloroethylene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 16:53	11/10/2015 03:22	SS



Sample Information

Client Sample ID: UST-D1

York Sample ID: 15K0129-04

York Project (SDG) No.
15K0129

Client Project ID
15-004

Matrix
Sludge

Collection Date/Time
November 4, 2015 9:30 am

Date Received
11/04/2015

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 16:53	11/10/2015 03:22	SS
75-01-4	Vinyl Chloride	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 16:53	11/10/2015 03:22	SS
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	106 %		65-135							
460-00-4	Surrogate: p-Bromofluorobenzene	98.3 %		81-114							
2037-26-5	Surrogate: Toluene-d8	99.3 %		86-118							

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	342	682	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/10/2015 05:44	11/10/2015 11:55	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	682	1360	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/10/2015 05:44	11/10/2015 11:55	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	342	682	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 11:55	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	342	682	2	EPA 8270D Certifications: NELAC-NY10854	11/10/2015 05:44	11/10/2015 11:55	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	342	682	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/10/2015 05:44	11/10/2015 11:55	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	342	682	2	EPA 8270D Certifications: NELAC-NY10854	11/10/2015 05:44	11/10/2015 11:55	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	342	682	2	EPA 8270D Certifications: NELAC-NY10854	11/10/2015 05:44	11/10/2015 11:55	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	682	1360	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/10/2015 05:44	11/10/2015 11:55	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	342	682	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/10/2015 05:44	11/10/2015 11:55	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	342	682	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 11:55	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	342	682	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 11:55	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	342	682	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 11:55	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	682	1360	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 11:55	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	342	682	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 11:55	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	342	682	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 11:55	KH



Sample Information

Client Sample ID: UST-D1

York Sample ID: 15K0129-04

York Project (SDG) No.
15K0129

Client Project ID
15-004

Matrix
Sludge

Collection Date/Time
November 4, 2015 9:30 am

Date Received
11/04/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	342	682	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 11:55	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	342	682	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 11:55	KH
91-57-6	2-Methylnaphthalene	11100		ug/kg dry	342	682	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/10/2015 05:44	11/10/2015 11:55	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	342	682	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 11:55	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	682	1360	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 11:55	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	342	682	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 11:55	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	342	682	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/10/2015 05:44	11/10/2015 11:55	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	342	682	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 11:55	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	682	1360	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 11:55	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	682	1360	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/10/2015 05:44	11/10/2015 11:55	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	342	682	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 11:55	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	342	682	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 11:55	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	342	682	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 11:55	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	342	682	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 11:55	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	682	1360	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 11:55	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	682	1360	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 11:55	KH
83-32-9	Acenaphthene	ND		ug/kg dry	342	682	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 11:55	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	342	682	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 11:55	KH
98-86-2	Acetophenone	ND		ug/kg dry	342	682	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/10/2015 05:44	11/10/2015 11:55	KH
62-53-3	Aniline	ND		ug/kg dry	1370	2730	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 11:55	KH
120-12-7	Anthracene	ND		ug/kg dry	342	682	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 11:55	KH
1912-24-9	Atrazine	ND		ug/kg dry	342	682	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/10/2015 05:44	11/10/2015 11:55	KH



Sample Information

Client Sample ID: UST-D1

York Sample ID: 15K0129-04

York Project (SDG) No.
15K0129

Client Project ID
15-004

Matrix
Sludge

Collection Date/Time
November 4, 2015 9:30 am

Date Received
11/04/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		ug/kg dry	342	682	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/10/2015 05:44	11/10/2015 11:55	KH
92-87-5	Benzidine	ND		ug/kg dry	1370	2730	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854	11/10/2015 05:44	11/10/2015 11:55	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	342	682	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 11:55	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	342	682	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 11:55	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	342	682	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 11:55	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	342	682	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 11:55	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	342	682	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 11:55	KH
65-85-0	Benzoic acid	ND		ug/kg dry	342	682	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/10/2015 05:44	11/10/2015 11:55	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	342	682	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 11:55	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	342	682	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 11:55	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	342	682	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 11:55	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	342	682	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 11:55	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	342	682	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 11:55	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	342	682	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 11:55	KH
105-60-2	Caprolactam	ND		ug/kg dry	682	1360	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/10/2015 05:44	11/10/2015 11:55	KH
86-74-8	Carbazole	ND		ug/kg dry	342	682	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 11:55	KH
218-01-9	Chrysene	ND		ug/kg dry	342	682	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 11:55	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	342	682	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 11:55	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	342	682	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/10/2015 05:44	11/10/2015 11:55	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	342	682	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 11:55	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	342	682	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 11:55	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	342	682	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 11:55	KH



Sample Information

Client Sample ID: UST-D1

York Sample ID: 15K0129-04

York Project (SDG) No.
15K0129

Client Project ID
15-004

Matrix
Sludge

Collection Date/Time
November 4, 2015 9:30 am

Date Received
11/04/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	342	682	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 11:55	KH
206-44-0	Fluoranthene	ND		ug/kg dry	342	682	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 11:55	KH
86-73-7	Fluorene	ND		ug/kg dry	342	682	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 11:55	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	342	682	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 11:55	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	342	682	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 11:55	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	342	682	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 11:55	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	342	682	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 11:55	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	342	682	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 11:55	KH
78-59-1	Isophorone	ND		ug/kg dry	342	682	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 11:55	KH
91-20-3	Naphthalene	ND		ug/kg dry	342	682	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/10/2015 05:44	11/10/2015 11:55	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	342	682	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 11:55	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	342	682	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/10/2015 05:44	11/10/2015 11:55	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	342	682	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 11:55	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	342	682	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/10/2015 05:44	11/10/2015 11:55	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	342	682	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 11:55	KH
85-01-8	Phenanthrene	ND		ug/kg dry	342	682	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 11:55	KH
108-95-2	Phenol	ND		ug/kg dry	342	682	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 11:55	KH
129-00-0	Pyrene	ND		ug/kg dry	342	682	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 11:55	KH
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	33.5 %	21-90								
4165-62-2	Surrogate: Phenol-d5	40.6 %	22-92								
4165-60-0	Surrogate: Nitrobenzene-d5	104 %	21-90								
321-60-8	Surrogate: 2-Fluorobiphenyl	76.6 %	21-93								
118-79-6	Surrogate: 2,4,6-Tribromophenol	58.6 %	18-102								
1718-51-0	Surrogate: Terphenyl-d14	80.6 %	18-102								



Sample Information

Client Sample ID: UST-D1

York Sample ID: 15K0129-04

York Project (SDG) No.
15K0129

Client Project ID
15-004

Matrix
Sludge

Collection Date/Time
November 4, 2015 9:30 am

Date Received
11/04/2015

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		mg/L	0.00442	0.0100	1	EPA 8270D/1311 Certifications: NELAC-NY10854	11/09/2015 05:15	11/09/2015 20:47	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/L	0.00382	0.0100	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:15	11/09/2015 20:47	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/L	0.00350	0.0100	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:15	11/09/2015 20:47	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/L	0.00322	0.0100	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:15	11/09/2015 20:47	KH
95-48-7	2-Methylphenol	ND		mg/L	0.00232	0.0100	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:15	11/09/2015 20:47	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/L	0.00224	0.0200	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:15	11/09/2015 20:47	KH
1319-77-3	Cresols, total	ND		mg/L	0.00232	0.0300	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854	11/09/2015 05:15	11/09/2015 20:47	KH
118-74-1	Hexachlorobenzene	ND		mg/L	0.00254	0.0100	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:15	11/09/2015 20:47	KH
87-68-3	Hexachlorobutadiene	ND		mg/L	0.00558	0.0100	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:15	11/09/2015 20:47	KH
67-72-1	Hexachloroethane	ND		mg/L	0.00608	0.0100	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:15	11/09/2015 20:47	KH
98-95-3	Nitrobenzene	ND		mg/L	0.00338	0.0100	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:15	11/09/2015 20:47	KH
87-86-5	Pentachlorophenol	ND		mg/L	0.00290	0.0100	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:15	11/09/2015 20:47	KH
110-86-1	Pyridine	ND		mg/L	0.00782	0.0100	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:15	11/09/2015 20:47	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	66.2 %	S-08		12-64						
4165-62-2	Surrogate: Phenol-d5	51.5 %			10-82						
4165-60-0	Surrogate: Nitrobenzene-d5	102 %	S-08		12-96						
321-60-8	Surrogate: 2-Fluorobiphenyl	90.8 %	S-08		16-84						
118-79-6	Surrogate: 2,4,6-Tribromophenol	102 %			15-104						
1718-51-0	Surrogate: Terphenyl-d14	78.5 %			15-106						

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.136	0.136	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/09/2015 06:31	11/09/2015 17:39	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.136	0.136	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/09/2015 06:31	11/09/2015 17:39	AMC



Sample Information

Client Sample ID: UST-D1

York Sample ID: 15K0129-04

York Project (SDG) No.
15K0129

Client Project ID
15-004

Matrix
Sludge

Collection Date/Time
November 4, 2015 9:30 am

Date Received
11/04/2015

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.136	0.136	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/09/2015 06:31	11/09/2015 17:39	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.136	0.136	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/09/2015 06:31	11/09/2015 17:39	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.136	0.136	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/09/2015 06:31	11/09/2015 17:39	AMC
11097-69-1	Aroclor 1254	0.545		mg/kg dry	0.136	0.136	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/09/2015 06:31	11/09/2015 17:39	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.136	0.136	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/09/2015 06:31	11/09/2015 17:39	AMC
1336-36-3	* Total PCBs	0.545		mg/kg dry	0.136	0.136	1	EPA 8082A Certifications:	11/09/2015 06:31	11/09/2015 17:39	AMC
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	43.3 %	30-140								
2051-24-3	Surrogate: Decachlorobiphenyl	41.5 %	30-140								

Alcohols, C1-C3 Targets

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-56-1	* Methanol	130		mg/kg dry	2.73	2.73	1	EPA 8015D m Certifications:	11/09/2015 10:09	11/09/2015 17:43	RB

Glycols, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-21-1	* Ethylene Glycol	ND		mg/kg dry	341	341	1	GC/FID Certifications:	11/09/2015 10:06	11/09/2015 11:20	RB

Beryllium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	Beryllium	ND		mg/kg dry	0.136	0.136	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/06/2015 11:52	11/06/2015 18:18	ALD

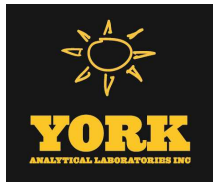
Copper by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	69.2		mg/kg dry	0.681	0.681	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/06/2015 11:52	11/06/2015 18:18	ALD



Sample Information

Client Sample ID: UST-D1

York Sample ID: 15K0129-04

York Project (SDG) No.

15K0129

Client Project ID

15-004

Matrix

Sludge

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November 4, 2015 9:30 am

Date Received

11/04/2015

Copper, TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	0.00825		mg/L	0.00333	0.00333	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 14:45	11/11/2015 03:47	ALD

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/kg dry	1.36	1.36	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/06/2015 11:52	11/06/2015 18:18	ALD
7440-39-3	Barium	119		mg/kg dry	1.36	1.36	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/06/2015 11:52	11/06/2015 18:18	ALD
7440-43-9	Cadmium	2.27		mg/kg dry	0.409	0.409	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/06/2015 11:52	11/06/2015 18:18	ALD
7440-47-3	Chromium	5.35		mg/kg dry	0.681	0.681	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/06/2015 11:52	11/06/2015 18:18	ALD
7439-92-1	Lead	135		mg/kg dry	0.409	0.409	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/06/2015 11:52	11/06/2015 18:18	ALD
7782-49-2	Selenium	5.03		mg/kg dry	1.36	1.36	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/06/2015 11:52	11/06/2015 18:18	ALD
7440-22-4	Silver	ND		mg/kg dry	0.681	0.681	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/06/2015 11:52	11/06/2015 18:18	ALD

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 14:45	11/11/2015 03:47	ALD
7440-39-3	Barium	0.251		mg/L	0.011	0.011	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 14:45	11/11/2015 03:47	ALD
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 14:45	11/11/2015 03:47	ALD
7440-47-3	Chromium	ND		mg/L	0.006	0.006	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 14:45	11/11/2015 03:47	ALD
7439-92-1	Lead	0.038		mg/L	0.003	0.003	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 14:45	11/11/2015 03:47	ALD
7782-49-2	Selenium	ND	M-SeT C	mg/L	0.011	0.011	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/10/2015 14:45	11/11/2015 03:47	ALD
7440-22-4	Silver	ND		mg/L	0.006	0.006	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 14:45	11/11/2015 03:47	ALD

Nickel by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	22.2		mg/kg dry	0.681	0.681	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/06/2015 11:52	11/06/2015 18:18	ALD



Sample Information

Client Sample ID: UST-D1

York Sample ID: 15K0129-04

York Project (SDG) No.
15K0129

Client Project ID
15-004

Matrix
Sludge

Collection Date/Time
November 4, 2015 9:30 am

Date Received
11/04/2015

Nickel, TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	0.0774		mg/L	0.00556	0.00556	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 14:45	11/11/2015 03:47	ALD

Vanadium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-62-2	Vanadium	87.5		mg/kg dry	1.36	1.36	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/06/2015 11:52	11/06/2015 18:18	ALD

Zinc by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	835		mg/kg dry	1.36	1.36	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/06/2015 11:52	11/06/2015 18:18	ALD

Zinc, TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	1.36	B	mg/L	0.0111	0.0111	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 14:45	11/11/2015 03:47	ALD

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0450	0.0450	1	EPA 7471B Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	11/06/2015 15:01	11/06/2015 16:00	AA

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311 Certifications: CTDOH,NJDEP,PADEP,NELAC-NY10854	11/06/2015 15:03	11/06/2015 16:00	AA

Ignitability

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Ignitability	Non-Ignit.		-	1	1	1	EPA 1030P Certifications: CTDOH,PADEP	11/09/2015 20:13	11/09/2015 20:30	AA

Total Solids

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: UST-D1

York Sample ID: 15K0129-04

York Project (SDG) No.
15K0129

Client Project ID
15-004

Matrix
Sludge

Collection Date/Time
November 4, 2015 9:30 am

Date Received
11/04/2015

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	73.4		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	11/06/2015 11:59	11/09/2015 12:07	CLS

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	2.39	3.41	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854	11/09/2015 07:41	11/09/2015 13:48	SC

Corrosivity

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	8.91		HT-pH pH units		0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP	11/09/2015 20:09	11/10/2015 13:41	CLS

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	1.36	1.36	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP	11/06/2015 09:27	11/06/2015 15:55	AD

Reactivity-Cyanide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Cyanide	ND		mg/kg	0.250	0.250	1	EPA SW-846 Ch.7.3.3 Certifications: CTDOH,PADEP	11/10/2015 13:27	11/10/2015 15:31	AD

Reactivity-Sulfide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Sulfide	ND		mg/kg	15.0	15.0	1	EPA SW-846 Ch.7.3.4 Certifications: CTDOH,PADEP	11/10/2015 13:30	11/10/2015 15:32	AD

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/05/2015 19:52	11/06/2015 14:18	CLS

TCLP Extraction for SVOCS/PEST/HERB

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS

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



Sample Information

Client Sample ID: UST-D1

York Sample ID: 15K0129-04

York Project (SDG) No.
15K0129

Client Project ID
15-004

Matrix
Sludge

Collection Date/Time
November 4, 2015 9:30 am

Date Received
11/04/2015

TCLP Extraction for SVOCS/PEST/HERB

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/05/2015 19:54	11/06/2015 14:19	CLS
Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP											

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		%	1.00	1.00	1	EPA 1311	11/05/2015 19:56	11/06/2015 14:19	CLS
Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP											

Sample Information

Client Sample ID: UST-D2

York Sample ID: 15K0129-05

York Project (SDG) No.
15K0129

Client Project ID
15-004

Matrix
Sludge

Collection Date/Time
November 4, 2015 9:50 am

Date Received
11/04/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

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/kg dry	30000	60000	10000	EPA 8260C	11/09/2015 08:42	11/09/2015 20:21	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	30000	60000	10000	EPA 8260C	11/09/2015 08:42	11/09/2015 20:21	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	30000	60000	10000	EPA 8260C	11/09/2015 08:42	11/09/2015 20:21	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	30000	60000	10000	EPA 8260C	11/09/2015 08:42	11/09/2015 20:21	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	30000	60000	10000	EPA 8260C	11/09/2015 08:42	11/09/2015 20:21	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	30000	60000	10000	EPA 8260C	11/09/2015 08:42	11/09/2015 20:21	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	30000	60000	10000	EPA 8260C	11/09/2015 08:42	11/09/2015 20:21	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	30000	60000	10000	EPA 8260C	11/09/2015 08:42	11/09/2015 20:21	SS
Certifications: NELAC-NY10854,NJDEP											
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	30000	60000	10000	EPA 8260C	11/09/2015 08:42	11/09/2015 20:21	SS
Certifications: NELAC-NY10854,NJDEP											
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	30000	60000	10000	EPA 8260C	11/09/2015 08:42	11/09/2015 20:21	SS
Certifications: NELAC-NY10854,NJDEP											



Sample Information

Client Sample ID: UST-D2

York Sample ID: 15K0129-05

York Project (SDG) No.

15K0129

Client Project ID

15-004

Matrix

Sludge

Collection Date/Time

November 4, 2015 9:50 am

Date Received

11/04/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	30000	60000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 20:21	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	30000	60000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 20:21	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	30000	60000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 20:21	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	30000	60000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 20:21	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	30000	60000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 20:21	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	30000	60000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 20:21	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	30000	60000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 20:21	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	30000	60000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 20:21	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	30000	60000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 20:21	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	600000	1200000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 20:21	SS
78-93-3	2-Butanone	ND		ug/kg dry	30000	60000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 20:21	SS
591-78-6	2-Hexanone	ND		ug/kg dry	30000	60000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 20:21	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	30000	60000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 20:21	SS
67-64-1	Acetone	ND		ug/kg dry	60000	120000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 20:21	SS
107-02-8	Acrolein	ND		ug/kg dry	60000	120000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 20:21	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	30000	60000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 20:21	SS
71-43-2	Benzene	ND		ug/kg dry	30000	60000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 20:21	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	30000	60000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 20:21	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	30000	60000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 20:21	SS
75-25-2	Bromoform	ND		ug/kg dry	30000	60000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 20:21	SS
74-83-9	Bromomethane	ND		ug/kg dry	30000	60000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 20:21	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	30000	60000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 20:21	SS



Sample Information

Client Sample ID: UST-D2

York Sample ID: 15K0129-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15K0129

15-004

Sludge

November 4, 2015 9:50 am

11/04/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/kg dry	30000	60000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 20:21	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	30000	60000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 20:21	SS
75-00-3	Chloroethane	ND		ug/kg dry	30000	60000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 20:21	SS
67-66-3	Chloroform	ND		ug/kg dry	30000	60000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 20:21	SS
74-87-3	Chloromethane	ND		ug/kg dry	30000	60000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 20:21	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	30000	60000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 20:21	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	30000	60000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 20:21	SS
110-82-7	Cyclohexane	ND		ug/kg dry	30000	60000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 20:21	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	30000	60000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 20:21	SS
74-95-3	Dibromomethane	ND		ug/kg dry	30000	60000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 20:21	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	30000	60000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 20:21	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	30000	60000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 20:21	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	30000	60000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 20:21	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	30000	60000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 20:21	SS
79-20-9	Methyl acetate	ND		ug/kg dry	30000	60000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 20:21	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	30000	60000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 20:21	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	30000	60000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 20:21	SS
75-09-2	Methylene chloride	ND		ug/kg dry	60000	120000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 20:21	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	30000	60000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 20:21	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	30000	60000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 20:21	SS
95-47-6	o-Xylene	ND		ug/kg dry	30000	60000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854	11/09/2015 08:42	11/09/2015 20:21	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	60000	120000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854	11/09/2015 08:42	11/09/2015 20:21	SS



Sample Information

Client Sample ID: UST-D2

York Sample ID: 15K0129-05

York Project (SDG) No.
15K0129

Client Project ID
15-004

Matrix
Sludge

Collection Date/Time
November 4, 2015 9:50 am

Date Received
11/04/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	30000	60000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 20:21	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	30000	60000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 20:21	SS
100-42-5	Styrene	ND		ug/kg dry	30000	60000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 20:21	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	30000	60000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 20:21	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	30000	60000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 20:21	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	30000	60000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 20:21	SS
108-88-3	Toluene	ND		ug/kg dry	30000	60000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 20:21	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	30000	60000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 20:21	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	30000	60000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 20:21	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	30000	60000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 20:21	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	30000	60000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 20:21	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	30000	60000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 20:21	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	90000	180000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 20:21	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	98.7 %	77-125								
2037-26-5	Surrogate: Toluene-d8	102 %	85-120								
460-00-4	Surrogate: p-Bromofluorobenzene	104 %	76-130								

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 16:53	11/10/2015 03:52	SS
107-06-2	1,2-Dichloroethane	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 16:53	11/10/2015 03:52	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 16:53	11/10/2015 03:52	SS
78-93-3	2-Butanone	0.16		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 16:53	11/10/2015 03:52	SS



Sample Information

Client Sample ID: UST-D2

York Sample ID: 15K0129-05

York Project (SDG) No.
15K0129

Client Project ID
15-004

Matrix
Sludge

Collection Date/Time
November 4, 2015 9:50 am

Date Received
11/04/2015

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 16:53	11/10/2015 03:52	SS
56-23-5	Carbon tetrachloride	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 16:53	11/10/2015 03:52	SS
108-90-7	Chlorobenzene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 16:53	11/10/2015 03:52	SS
67-66-3	Chloroform	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 16:53	11/10/2015 03:52	SS
127-18-4	Tetrachloroethylene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 16:53	11/10/2015 03:52	SS
79-01-6	Trichloroethylene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 16:53	11/10/2015 03:52	SS
75-01-4	Vinyl Chloride	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 16:53	11/10/2015 03:52	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	104 %	65-135								
460-00-4	Surrogate: p-Bromofluorobenzene	97.9 %	81-114								
2037-26-5	Surrogate: Toluene-d8	101 %	86-118								

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	300	599	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/10/2015 05:44	11/10/2015 12:29	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	599	1200	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/10/2015 05:44	11/10/2015 12:29	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	300	599	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 12:29	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	300	599	2	EPA 8270D Certifications: NELAC-NY10854	11/10/2015 05:44	11/10/2015 12:29	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	300	599	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/10/2015 05:44	11/10/2015 12:29	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	300	599	2	EPA 8270D Certifications: NELAC-NY10854	11/10/2015 05:44	11/10/2015 12:29	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	300	599	2	EPA 8270D Certifications: NELAC-NY10854	11/10/2015 05:44	11/10/2015 12:29	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	599	1200	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/10/2015 05:44	11/10/2015 12:29	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	300	599	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/10/2015 05:44	11/10/2015 12:29	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	300	599	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 12:29	KH



Sample Information

Client Sample ID: UST-D2

York Sample ID: 15K0129-05

York Project (SDG) No.
15K0129

Client Project ID
15-004

Matrix
Sludge

Collection Date/Time
November 4, 2015 9:50 am

Date Received
11/04/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	300	599	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 12:29	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	300	599	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 12:29	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	599	1200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 12:29	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	300	599	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 12:29	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	300	599	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 12:29	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	300	599	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 12:29	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	300	599	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 12:29	KH
91-57-6	2-Methylnaphthalene	3590		ug/kg dry	300	599	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/10/2015 05:44	11/10/2015 12:29	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	300	599	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 12:29	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	599	1200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 12:29	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	300	599	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 12:29	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	300	599	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/10/2015 05:44	11/10/2015 12:29	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	300	599	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 12:29	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	599	1200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 12:29	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	599	1200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/10/2015 05:44	11/10/2015 12:29	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	300	599	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 12:29	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	300	599	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 12:29	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	300	599	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 12:29	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	300	599	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 12:29	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	599	1200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 12:29	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	599	1200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 12:29	KH
83-32-9	Acenaphthene	ND		ug/kg dry	300	599	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 12:29	KH



Sample Information

Client Sample ID: UST-D2

York Sample ID: 15K0129-05

York Project (SDG) No.
15K0129

Client Project ID
15-004

Matrix
Sludge

Collection Date/Time
November 4, 2015 9:50 am

Date Received
11/04/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
208-96-8	Acenaphthylene	ND		ug/kg dry	300	599	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 12:29	KH
98-86-2	Acetophenone	ND		ug/kg dry	300	599	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/10/2015 05:44	11/10/2015 12:29	KH
62-53-3	Aniline	ND		ug/kg dry	1200	2400	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 12:29	KH
120-12-7	Anthracene	ND		ug/kg dry	300	599	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 12:29	KH
1912-24-9	Atrazine	ND		ug/kg dry	300	599	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/10/2015 05:44	11/10/2015 12:29	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	300	599	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/10/2015 05:44	11/10/2015 12:29	KH
92-87-5	Benzidine	ND		ug/kg dry	1200	2400	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854	11/10/2015 05:44	11/10/2015 12:29	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	300	599	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 12:29	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	300	599	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 12:29	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	300	599	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 12:29	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	300	599	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 12:29	KH
207-08-9	Benzo(k)fluoranthene	733		ug/kg dry	300	599	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 12:29	KH
65-85-0	Benzoic acid	ND		ug/kg dry	300	599	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/10/2015 05:44	11/10/2015 12:29	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	300	599	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 12:29	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	300	599	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 12:29	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	300	599	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 12:29	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	300	599	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 12:29	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	300	599	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 12:29	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	300	599	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 12:29	KH
105-60-2	Caprolactam	ND		ug/kg dry	599	1200	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/10/2015 05:44	11/10/2015 12:29	KH
86-74-8	Carbazole	ND		ug/kg dry	300	599	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 12:29	KH
218-01-9	Chrysene	589	J	ug/kg dry	300	599	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 12:29	KH



Sample Information

Client Sample ID: UST-D2

York Sample ID: 15K0129-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15K0129

15-004

Sludge

November 4, 2015 9:50 am

11/04/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	300	599	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 12:29	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	300	599	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/10/2015 05:44	11/10/2015 12:29	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	300	599	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 12:29	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	300	599	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 12:29	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	300	599	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 12:29	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	300	599	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 12:29	KH
206-44-0	Fluoranthene	1220		ug/kg dry	300	599	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 12:29	KH
86-73-7	Fluorene	ND		ug/kg dry	300	599	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 12:29	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	300	599	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 12:29	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	300	599	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 12:29	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	300	599	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 12:29	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	300	599	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 12:29	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	300	599	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 12:29	KH
78-59-1	Isophorone	ND		ug/kg dry	300	599	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 12:29	KH
91-20-3	Naphthalene	12900		ug/kg dry	300	599	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/10/2015 05:44	11/10/2015 12:29	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	300	599	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 12:29	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	300	599	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/10/2015 05:44	11/10/2015 12:29	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	300	599	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 12:29	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	300	599	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/10/2015 05:44	11/10/2015 12:29	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	300	599	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 12:29	KH
85-01-8	Phenanthrene	1020		ug/kg dry	300	599	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 12:29	KH
108-95-2	Phenol	ND		ug/kg dry	300	599	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 12:29	KH



Sample Information

Client Sample ID: UST-D2

York Sample ID: 15K0129-05

York Project (SDG) No.
15K0129

Client Project ID
15-004

Matrix
Sludge

Collection Date/Time
November 4, 2015 9:50 am

Date Received
11/04/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
129-00-0	Pyrene	2790		ug/kg dry	300	599	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 12:29	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	48.4 %			21-90						
4165-62-2	Surrogate: Phenol-d5	64.7 %			22-92						
4165-60-0	Surrogate: Nitrobenzene-d5	84.8 %			21-90						
321-60-8	Surrogate: 2-Fluorobiphenyl	85.1 %			21-93						
118-79-6	Surrogate: 2,4,6-Tribromophenol	75.6 %			18-102						
1718-51-0	Surrogate: Terphenyl-d14	211 %			18-102						

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		mg/L	0.00442	0.0100	1	EPA 8270D/1311 Certifications: NELAC-NY10854	11/09/2015 05:15	11/09/2015 21:20	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/L	0.00382	0.0100	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:15	11/09/2015 21:20	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/L	0.00350	0.0100	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:15	11/09/2015 21:20	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/L	0.00322	0.0100	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:15	11/09/2015 21:20	KH
95-48-7	2-Methylphenol	ND		mg/L	0.00232	0.0100	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:15	11/09/2015 21:20	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/L	0.00224	0.0200	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:15	11/09/2015 21:20	KH
1319-77-3	Cresols, total	ND		mg/L	0.00232	0.0300	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854	11/09/2015 05:15	11/09/2015 21:20	KH
118-74-1	Hexachlorobenzene	ND		mg/L	0.00254	0.0100	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:15	11/09/2015 21:20	KH
87-68-3	Hexachlorobutadiene	ND		mg/L	0.00558	0.0100	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:15	11/09/2015 21:20	KH
67-72-1	Hexachloroethane	ND		mg/L	0.00608	0.0100	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:15	11/09/2015 21:20	KH
98-95-3	Nitrobenzene	ND		mg/L	0.00338	0.0100	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:15	11/09/2015 21:20	KH
87-86-5	Pentachlorophenol	ND		mg/L	0.00290	0.0100	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:15	11/09/2015 21:20	KH
110-86-1	Pyridine	ND		mg/L	0.00782	0.0100	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:15	11/09/2015 21:20	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	52.9 %			12-64						
4165-62-2	Surrogate: Phenol-d5	21.6 %			10-82						



Sample Information

Client Sample ID: UST-D2

York Sample ID: 15K0129-05

York Project (SDG) No.
15K0129

Client Project ID
15-004

Matrix
Sludge

Collection Date/Time
November 4, 2015 9:50 am

Date Received
11/04/2015

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	Surrogate: Nitrobenzene-d5	61.0 %			12-96						
321-60-8	Surrogate: 2-Fluorobiphenyl	75.0 %			16-84						
118-79-6	Surrogate: 2,4,6-Tribromophenol	93.8 %			15-104						
1718-51-0	Surrogate: Terphenyl-d14	153 %	S-08		15-106						

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.120	0.120	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/09/2015 06:31	11/09/2015 17:58	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.120	0.120	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/09/2015 06:31	11/09/2015 17:58	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.120	0.120	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/09/2015 06:31	11/09/2015 17:58	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.120	0.120	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/09/2015 06:31	11/09/2015 17:58	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.120	0.120	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/09/2015 06:31	11/09/2015 17:58	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.120	0.120	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/09/2015 06:31	11/09/2015 17:58	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.120	0.120	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/09/2015 06:31	11/09/2015 17:58	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.120	0.120	1	EPA 8082A Certifications:	11/09/2015 06:31	11/09/2015 17:58	AMC
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	51.2 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	55.6 %			30-140						

Alcohols, C1-C3 Targets

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-56-1	* Methanol	58.3		mg/kg dry	2.40	2.40	1	EPA 8015D m Certifications:	11/09/2015 10:09	11/09/2015 18:04	RB

Glycols, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-21-1	* Ethylene Glycol	528		mg/kg dry	299	299	1	GC/FID Certifications:	11/09/2015 10:06	11/09/2015 11:41	RB



Sample Information

Client Sample ID: UST-D2

York Sample ID: 15K0129-05

York Project (SDG) No.

15K0129

Client Project ID

15-004

Matrix

Sludge

Collection Date/Time

November 4, 2015 9:50 am

Date Received

11/04/2015

Beryllium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	Beryllium	ND		mg/kg dry	0.120	0.120	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/06/2015 11:52	11/06/2015 18:23	ALD

Copper by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	90.2		mg/kg dry	0.599	0.599	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/06/2015 11:52	11/06/2015 18:23	ALD

Copper, TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	0.0103		mg/L	0.00333	0.00333	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 14:45	11/11/2015 03:52	ALD

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	5.15		mg/kg dry	1.20	1.20	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/06/2015 11:52	11/06/2015 18:23	ALD
7440-39-3	Barium	132		mg/kg dry	1.20	1.20	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/06/2015 11:52	11/06/2015 18:23	ALD
7440-43-9	Cadmium	9.83		mg/kg dry	0.359	0.359	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/06/2015 11:52	11/06/2015 18:23	ALD
7440-47-3	Chromium	66.2		mg/kg dry	0.599	0.599	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/06/2015 11:52	11/06/2015 18:23	ALD
7439-92-1	Lead	638		mg/kg dry	0.359	0.359	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/06/2015 11:52	11/06/2015 18:23	ALD
7782-49-2	Selenium	1.43		mg/kg dry	1.20	1.20	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/06/2015 11:52	11/06/2015 18:23	ALD
7440-22-4	Silver	ND		mg/kg dry	0.599	0.599	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/06/2015 11:52	11/06/2015 18:23	ALD

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	0.019		mg/L	0.004	0.004	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 14:45	11/11/2015 03:52	ALD
7440-39-3	Barium	0.184		mg/L	0.011	0.011	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 14:45	11/11/2015 03:52	ALD
7440-43-9	Cadmium	0.012		mg/L	0.003	0.003	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 14:45	11/11/2015 03:52	ALD



Sample Information

Client Sample ID: UST-D2

York Sample ID: 15K0129-05

York Project (SDG) No.
15K0129

Client Project ID
15-004

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Sludge

Collection Date/Time
November 4, 2015 9:50 am

Date Received
11/04/2015

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	Chromium	ND		mg/L	0.006	0.006	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 14:45	11/11/2015 03:52	ALD
7439-92-1	Lead	0.048		mg/L	0.003	0.003	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 14:45	11/11/2015 03:52	ALD
7782-49-2	Selenium	ND	M-SeT C	mg/L	0.011	0.011	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/10/2015 14:45	11/11/2015 03:52	ALD
7440-22-4	Silver	ND		mg/L	0.006	0.006	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 14:45	11/11/2015 03:52	ALD

Nickel by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	37.3		mg/kg dry	0.599	0.599	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/06/2015 11:52	11/06/2015 18:23	ALD

Nickel, TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	0.100		mg/L	0.00556	0.00556	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 14:45	11/11/2015 03:52	ALD

Vanadium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-62-2	Vanadium	138		mg/kg dry	1.20	1.20	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/06/2015 11:52	11/06/2015 18:23	ALD

Zinc by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	1010		mg/kg dry	1.20	1.20	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/06/2015 11:52	11/06/2015 18:23	ALD

Zinc, TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	1.41	B	mg/L	0.0111	0.0111	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 14:45	11/11/2015 03:52	ALD

Mercury by 7470/7471

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: UST-D2

York Sample ID: 15K0129-05

York Project (SDG) No.
15K0129

Client Project ID
15-004

Matrix
Sludge

Collection Date/Time
November 4, 2015 9:50 am

Date Received
11/04/2015

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0395	0.0395	1	EPA 7471B Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	11/06/2015 15:01	11/06/2015 16:00	AA

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311 Certifications: CTDOH,NJDEP,PADEP,NELAC-NY10854	11/06/2015 15:03	11/06/2015 16:00	AA

Ignitability

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Ignitability	Non-Ignit.		-	1	1	1	EPA 1030P Certifications: CTDOH,PADEP	11/09/2015 20:13	11/09/2015 20:30	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	83.5		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	11/06/2015 12:06	11/09/2015 12:15	CLS

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	2.10	2.99	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854	11/09/2015 07:41	11/09/2015 13:48	SC

Corrosivity

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	6.24		HT-pH pH units		0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP	11/09/2015 20:09	11/10/2015 13:41	CLS

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	1.20	1.20	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP	11/06/2015 09:27	11/06/2015 15:55	AD

Reactivity-Cyanide

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: UST-D2

York Sample ID: 15K0129-05

York Project (SDG) No.
15K0129

Client Project ID
15-004

Matrix
Sludge

Collection Date/Time
November 4, 2015 9:50 am

Date Received
11/04/2015

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Cyanide	ND		mg/kg	0.250	0.250	1	EPA SW-846 Ch.7.3.3 Certifications: CTDOH,PADEP	11/10/2015 13:27	11/10/2015 15:31	AD

Reactivity-Sulfide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Sulfide	ND		mg/kg	15.0	15.0	1	EPA SW-846 Ch.7.3.4 Certifications: CTDOH,PADEP	11/10/2015 13:30	11/10/2015 15:32	AD

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/05/2015 19:52	11/06/2015 14:18	CLS

TCLP Extraction for SVOCs/PEST/HERB

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/05/2015 19:54	11/06/2015 14:19	CLS

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		%	1.00	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/05/2015 19:56	11/06/2015 14:19	CLS

Sample Information

Client Sample ID: UST-D3

York Sample ID: 15K0129-06

York Project (SDG) No.
15K0129

Client Project ID
15-004

Matrix
Sludge

Collection Date/Time
November 4, 2015 9:40 am

Date Received
11/04/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

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/kg dry	35000	71000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 20:51	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	35000	71000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 20:51	SS



Sample Information

Client Sample ID: UST-D3

York Sample ID: 15K0129-06

York Project (SDG) No.

15K0129

Client Project ID

15-004

Matrix

Sludge

Collection Date/Time

November 4, 2015 9:40 am

Date Received

11/04/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	35000	71000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 20:51	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	35000	71000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 20:51	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	35000	71000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 20:51	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	35000	71000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 20:51	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	35000	71000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 20:51	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	35000	71000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 20:51	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	35000	71000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 20:51	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	35000	71000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 20:51	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	35000	71000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 20:51	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	35000	71000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 20:51	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	35000	71000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 20:51	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	35000	71000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 20:51	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	35000	71000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 20:51	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	35000	71000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 20:51	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	35000	71000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 20:51	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	35000	71000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 20:51	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	35000	71000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 20:51	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	710000	1400000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 20:51	SS
78-93-3	2-Butanone	ND		ug/kg dry	35000	71000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 20:51	SS
591-78-6	2-Hexanone	ND		ug/kg dry	35000	71000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 20:51	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	35000	71000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 20:51	SS
67-64-1	Acetone	ND		ug/kg dry	71000	140000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 20:51	SS



Sample Information

Client Sample ID: UST-D3

York Sample ID: 15K0129-06

York Project (SDG) No.
15K0129

Client Project ID
15-004

Matrix
Sludge

Collection Date/Time
November 4, 2015 9:40 am

Date Received
11/04/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND		ug/kg dry	71000	140000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 20:51	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	35000	71000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 20:51	SS
71-43-2	Benzene	ND		ug/kg dry	35000	71000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 20:51	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	35000	71000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 20:51	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	35000	71000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 20:51	SS
75-25-2	Bromoform	ND		ug/kg dry	35000	71000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 20:51	SS
74-83-9	Bromomethane	ND		ug/kg dry	35000	71000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 20:51	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	35000	71000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 20:51	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	35000	71000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 20:51	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	35000	71000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 20:51	SS
75-00-3	Chloroethane	ND		ug/kg dry	35000	71000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 20:51	SS
67-66-3	Chloroform	ND		ug/kg dry	35000	71000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 20:51	SS
74-87-3	Chloromethane	ND		ug/kg dry	35000	71000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 20:51	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	35000	71000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 20:51	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	35000	71000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 20:51	SS
110-82-7	Cyclohexane	ND		ug/kg dry	35000	71000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 20:51	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	35000	71000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 20:51	SS
74-95-3	Dibromomethane	ND		ug/kg dry	35000	71000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 20:51	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	35000	71000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 20:51	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	35000	71000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 20:51	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	35000	71000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 20:51	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	35000	71000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 20:51	SS



Sample Information

Client Sample ID: UST-D3

York Sample ID: 15K0129-06

York Project (SDG) No.

15K0129

Client Project ID

15-004

Matrix

Sludge

Collection Date/Time

November 4, 2015 9:40 am

Date Received

11/04/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/kg dry	35000	71000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 20:51	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	35000	71000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 20:51	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	35000	71000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 20:51	SS
75-09-2	Methylene chloride	ND		ug/kg dry	71000	140000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 20:51	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	35000	71000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 20:51	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	35000	71000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 20:51	SS
95-47-6	o-Xylene	ND		ug/kg dry	35000	71000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854	11/09/2015 08:42	11/09/2015 20:51	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	71000	140000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854	11/09/2015 08:42	11/09/2015 20:51	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	35000	71000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 20:51	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	35000	71000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 20:51	SS
100-42-5	Styrene	ND		ug/kg dry	35000	71000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 20:51	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	35000	71000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 20:51	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	35000	71000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 20:51	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	35000	71000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 20:51	SS
108-88-3	Toluene	ND		ug/kg dry	35000	71000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 20:51	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	35000	71000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 08:42	11/09/2015 20:51	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	35000	71000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 20:51	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	35000	71000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 20:51	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	35000	71000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 20:51	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	35000	71000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 20:51	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	110000	210000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 08:42	11/09/2015 20:51	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %	77-125								



Sample Information

Client Sample ID: UST-D3

York Sample ID: 15K0129-06

York Project (SDG) No.
15K0129

Client Project ID
15-004

Matrix
Sludge

Collection Date/Time
November 4, 2015 9:40 am

Date Received
11/04/2015

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	Surrogate: Toluene-d8	100 %			85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	100 %			76-130						

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 16:53	11/10/2015 04:22	SS
107-06-2	1,2-Dichloroethane	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 16:53	11/10/2015 04:22	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 16:53	11/10/2015 04:22	SS
78-93-3	2-Butanone	0.11		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 16:53	11/10/2015 04:22	SS
71-43-2	Benzene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 16:53	11/10/2015 04:22	SS
56-23-5	Carbon tetrachloride	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 16:53	11/10/2015 04:22	SS
108-90-7	Chlorobenzene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 16:53	11/10/2015 04:22	SS
67-66-3	Chloroform	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 16:53	11/10/2015 04:22	SS
127-18-4	Tetrachloroethylene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 16:53	11/10/2015 04:22	SS
79-01-6	Trichloroethylene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 16:53	11/10/2015 04:22	SS
75-01-4	Vinyl Chloride	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/09/2015 16:53	11/10/2015 04:22	SS
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	107 %			65-135						
460-00-4	Surrogate: p-Bromofluorobenzene	98.4 %			81-114						
2037-26-5	Surrogate: Toluene-d8	101 %			86-118						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	3370		ug/kg dry	355	708	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/10/2015 05:44	11/10/2015 13:02	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	708	1420	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/10/2015 05:44	11/10/2015 13:02	KH



Sample Information

Client Sample ID: UST-D3

York Sample ID: 15K0129-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15K0129

15-004

Sludge

November 4, 2015 9:40 am

11/04/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	355	708	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 13:02	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	355	708	2	EPA 8270D Certifications: NELAC-NY10854	11/10/2015 05:44	11/10/2015 13:02	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	355	708	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/10/2015 05:44	11/10/2015 13:02	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	355	708	2	EPA 8270D Certifications: NELAC-NY10854	11/10/2015 05:44	11/10/2015 13:02	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	355	708	2	EPA 8270D Certifications: NELAC-NY10854	11/10/2015 05:44	11/10/2015 13:02	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	708	1420	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/10/2015 05:44	11/10/2015 13:02	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	355	708	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/10/2015 05:44	11/10/2015 13:02	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	355	708	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 13:02	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	355	708	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 13:02	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	355	708	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 13:02	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	708	1420	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 13:02	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	355	708	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 13:02	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	355	708	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 13:02	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	355	708	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 13:02	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	355	708	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 13:02	KH
91-57-6	2-Methylnaphthalene	31300		ug/kg dry	355	708	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/10/2015 05:44	11/10/2015 13:02	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	355	708	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 13:02	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	708	1420	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 13:02	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	355	708	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 13:02	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	355	708	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/10/2015 05:44	11/10/2015 13:02	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	355	708	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 13:02	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	708	1420	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 13:02	KH



Sample Information

Client Sample ID: UST-D3

York Sample ID: 15K0129-06

York Project (SDG) No.
15K0129

Client Project ID
15-004

Matrix
Sludge

Collection Date/Time
November 4, 2015 9:40 am

Date Received
11/04/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	708	1420	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/10/2015 05:44	11/10/2015 13:02	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	355	708	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 13:02	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	355	708	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 13:02	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	355	708	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 13:02	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	355	708	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 13:02	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	708	1420	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 13:02	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	708	1420	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 13:02	KH
83-32-9	Acenaphthene	ND		ug/kg dry	355	708	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 13:02	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	355	708	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 13:02	KH
98-86-2	Acetophenone	ND		ug/kg dry	355	708	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/10/2015 05:44	11/10/2015 13:02	KH
62-53-3	Aniline	ND		ug/kg dry	1420	2840	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 13:02	KH
120-12-7	Anthracene	ND		ug/kg dry	355	708	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 13:02	KH
1912-24-9	Atrazine	ND		ug/kg dry	355	708	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/10/2015 05:44	11/10/2015 13:02	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	355	708	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/10/2015 05:44	11/10/2015 13:02	KH
92-87-5	Benzidine	ND		ug/kg dry	1420	2840	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854	11/10/2015 05:44	11/10/2015 13:02	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	355	708	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 13:02	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	355	708	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 13:02	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	355	708	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 13:02	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	355	708	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 13:02	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	355	708	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 13:02	KH
65-85-0	Benzoic acid	ND		ug/kg dry	355	708	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/10/2015 05:44	11/10/2015 13:02	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	355	708	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 13:02	KH



Sample Information

Client Sample ID: UST-D3

York Sample ID: 15K0129-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15K0129

15-004

Sludge

November 4, 2015 9:40 am

11/04/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	355	708	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 13:02	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	355	708	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 13:02	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	355	708	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 13:02	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	355	708	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 13:02	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	355	708	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 13:02	KH
105-60-2	Caprolactam	ND		ug/kg dry	708	1420	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	11/10/2015 05:44	11/10/2015 13:02	KH
86-74-8	Carbazole	ND		ug/kg dry	355	708	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 13:02	KH
218-01-9	Chrysene	ND		ug/kg dry	355	708	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 13:02	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	355	708	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 13:02	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	355	708	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/10/2015 05:44	11/10/2015 13:02	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	355	708	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 13:02	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	355	708	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 13:02	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	355	708	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 13:02	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	355	708	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 13:02	KH
206-44-0	Fluoranthene	ND		ug/kg dry	355	708	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 13:02	KH
86-73-7	Fluorene	ND		ug/kg dry	355	708	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 13:02	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	355	708	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 13:02	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	355	708	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 13:02	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	355	708	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 13:02	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	355	708	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 13:02	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	355	708	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 13:02	KH
78-59-1	Isophorone	ND		ug/kg dry	355	708	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 13:02	KH



Sample Information

Client Sample ID: UST-D3

York Sample ID: 15K0129-06

York Project (SDG) No.
15K0129

Client Project ID
15-004

Matrix
Sludge

Collection Date/Time
November 4, 2015 9:40 am

Date Received
11/04/2015

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	13200		ug/kg dry	355	708	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/10/2015 05:44	11/10/2015 13:02	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	355	708	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 13:02	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	355	708	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/10/2015 05:44	11/10/2015 13:02	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	355	708	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 13:02	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	355	708	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	11/10/2015 05:44	11/10/2015 13:02	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	355	708	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 13:02	KH
85-01-8	Phenanthrene	1810		ug/kg dry	355	708	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 13:02	KH
108-95-2	Phenol	ND		ug/kg dry	355	708	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 13:02	KH
129-00-0	Pyrene	ND		ug/kg dry	355	708	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 05:44	11/10/2015 13:02	KH
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	50.1 %	21-90								
4165-62-2	Surrogate: Phenol-d5	58.0 %	22-92								
4165-60-0	Surrogate: Nitrobenzene-d5	58.5 %	21-90								
321-60-8	Surrogate: 2-Fluorobiphenyl	74.5 %	21-93								
118-79-6	Surrogate: 2,4,6-Tribromophenol	72.9 %	18-102								
1718-51-0	Surrogate: Terphenyl-d14	123 %	18-102								

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		mg/L	0.00884	0.0200	2	EPA 8270D/1311 Certifications: NELAC-NY10854	11/09/2015 05:15	11/10/2015 13:02	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/L	0.00764	0.0200	2	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:15	11/10/2015 13:02	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/L	0.00700	0.0200	2	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:15	11/10/2015 13:02	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/L	0.00644	0.0200	2	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:15	11/10/2015 13:02	KH
95-48-7	2-Methylphenol	ND		mg/L	0.00464	0.0200	2	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:15	11/10/2015 13:02	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/L	0.00448	0.0400	2	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:15	11/10/2015 13:02	KH
1319-77-3	Cresols, total	ND		mg/L	0.00464	0.0600	2	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854	11/09/2015 05:15	11/10/2015 13:02	KH



Sample Information

Client Sample ID: UST-D3

York Sample ID: 15K0129-06

York Project (SDG) No.
15K0129

Client Project ID
15-004

Matrix
Sludge

Collection Date/Time
November 4, 2015 9:40 am

Date Received
11/04/2015

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-74-1	Hexachlorobenzene	ND		mg/L	0.00508	0.0200	2	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:15	11/10/2015 13:02	KH
87-68-3	Hexachlorobutadiene	ND		mg/L	0.0112	0.0200	2	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:15	11/10/2015 13:02	KH
67-72-1	Hexachloroethane	ND		mg/L	0.0122	0.0200	2	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:15	11/10/2015 13:02	KH
98-95-3	Nitrobenzene	ND		mg/L	0.00676	0.0200	2	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:15	11/10/2015 13:02	KH
87-86-5	Pentachlorophenol	ND		mg/L	0.00580	0.0200	2	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:15	11/10/2015 13:02	KH
110-86-1	Pyridine	ND		mg/L	0.0156	0.0200	2	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/09/2015 05:15	11/10/2015 13:02	KH
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	50.1 %	12-64								
4165-62-2	Surrogate: Phenol-d5	58.0 %	10-82								
4165-60-0	Surrogate: Nitrobenzene-d5	58.5 %	12-96								
321-60-8	Surrogate: 2-Fluorobiphenyl	74.5 %	16-84								
118-79-6	Surrogate: 2,4,6-Tribromophenol	72.9 %	15-104								
1718-51-0	Surrogate: Terphenyl-d14	123 %	15-106								

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.142	0.142	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/09/2015 06:31	11/09/2015 18:17	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.142	0.142	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/09/2015 06:31	11/09/2015 18:17	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.142	0.142	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/09/2015 06:31	11/09/2015 18:17	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.142	0.142	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/09/2015 06:31	11/09/2015 18:17	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.142	0.142	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/09/2015 06:31	11/09/2015 18:17	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.142	0.142	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/09/2015 06:31	11/09/2015 18:17	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.142	0.142	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/09/2015 06:31	11/09/2015 18:17	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.142	0.142	1	EPA 8082A Certifications:	11/09/2015 06:31	11/09/2015 18:17	AMC
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	41.8 %	30-140								



Sample Information

Client Sample ID: UST-D3

York Sample ID: 15K0129-06

York Project (SDG) No.
15K0129

Client Project ID
15-004

Matrix
Sludge

Collection Date/Time
November 4, 2015 9:40 am

Date Received
11/04/2015

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	Surrogate: Decachlorobiphenyl	19.8 %		GC-Sur r	30-140						

Alcohols, C1-C3 Targets

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-56-1	* Methanol	33.1		mg/kg dry	2.83	2.83	1	EPA 8015D m Certifications:	11/09/2015 10:09	11/09/2015 18:25	RB

Glycols, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-21-1	* Ethylene Glycol	ND		mg/kg dry	354	354	1	GC/FID Certifications:	11/09/2015 10:06	11/09/2015 12:02	RB

Beryllium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	Beryllium	ND		mg/kg dry	0.142	0.142	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/06/2015 11:52	11/06/2015 18:31	ALD

Copper by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	8.15		mg/kg dry	0.708	0.708	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/06/2015 11:52	11/06/2015 18:31	ALD

Copper, TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	0.0102		mg/L	0.00333	0.00333	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 14:45	11/11/2015 03:57	ALD

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/kg dry	1.42	1.42	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/06/2015 11:52	11/06/2015 18:31	ALD
7440-39-3	Barium	13.6		mg/kg dry	1.42	1.42	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/06/2015 11:52	11/06/2015 18:31	ALD



Sample Information

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11/04/2015

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	Cadmium	1.48		mg/kg dry	0.425	0.425	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/06/2015 11:52	11/06/2015 18:31	ALD
7440-47-3	Chromium	1.25		mg/kg dry	0.708	0.708	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/06/2015 11:52	11/06/2015 18:31	ALD
7439-92-1	Lead	52.2		mg/kg dry	0.425	0.425	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/06/2015 11:52	11/06/2015 18:31	ALD
7782-49-2	Selenium	ND		mg/kg dry	1.42	1.42	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/06/2015 11:52	11/06/2015 18:31	ALD
7440-22-4	Silver	ND		mg/kg dry	0.708	0.708	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/06/2015 11:52	11/06/2015 18:31	ALD

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 14:45	11/11/2015 03:57	ALD
7440-39-3	Barium	0.126		mg/L	0.011	0.011	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 14:45	11/11/2015 03:57	ALD
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 14:45	11/11/2015 03:57	ALD
7440-47-3	Chromium	ND		mg/L	0.006	0.006	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 14:45	11/11/2015 03:57	ALD
7439-92-1	Lead	0.023		mg/L	0.003	0.003	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 14:45	11/11/2015 03:57	ALD
7782-49-2	Selenium	ND	M-SeT C	mg/L	0.011	0.011	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	11/10/2015 14:45	11/11/2015 03:57	ALD
7440-22-4	Silver	ND		mg/L	0.006	0.006	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 14:45	11/11/2015 03:57	ALD

Nickel by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	3.01		mg/kg dry	0.708	0.708	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/06/2015 11:52	11/06/2015 18:31	ALD

Nickel, TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	ND		mg/L	0.00556	0.00556	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 14:45	11/11/2015 03:57	ALD

Vanadium by EPA 6010

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: UST-D3

York Sample ID: 15K0129-06

York Project (SDG) No.
15K0129

Client Project ID
15-004

Matrix
Sludge

Collection Date/Time
November 4, 2015 9:40 am

Date Received
11/04/2015

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-62-2	Vanadium	9.19		mg/kg dry	1.42	1.42	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/06/2015 11:52	11/06/2015 18:31	ALD

Zinc by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	326		mg/kg dry	1.42	1.42	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/06/2015 11:52	11/06/2015 18:31	ALD

Zinc, TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	0.370	B	mg/L	0.0111	0.0111	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/10/2015 14:45	11/11/2015 03:57	ALD

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0467	0.0467	1	EPA 7471B Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	11/06/2015 15:01	11/06/2015 16:00	AA

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311 Certifications: CTDOH,NJDEP,PADEP,NELAC-NY10854	11/06/2015 15:03	11/06/2015 16:00	AA

Ignitability

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Ignitability	Non-Ignit.		-	1	1	1	EPA 1030P Certifications: CTDOH,PADEP	11/09/2015 20:13	11/09/2015 20:30	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	70.6		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	11/06/2015 12:06	11/09/2015 12:15	CLS

Chromium, Hexavalent

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: UST-D3

York Sample ID: 15K0129-06

York Project (SDG) No.
15K0129

Client Project ID
15-004

Matrix
Sludge

Collection Date/Time
November 4, 2015 9:40 am

Date Received
11/04/2015

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	2.48	3.54	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854	11/09/2015 07:41	11/09/2015 13:48	SC

Corrosivity

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	5.32	HT-pH	pH units		0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP	11/09/2015 20:09	11/10/2015 13:41	CLS

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	1.42	1.42	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP	11/06/2015 09:27	11/06/2015 15:55	AD

Reactivity-Cyanide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Cyanide	ND		mg/kg	0.250	0.250	1	EPA SW-846 Ch.7.3.3 Certifications: CTDOH,PADEP	11/10/2015 13:27	11/10/2015 15:31	AD

Reactivity-Sulfide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Sulfide	ND		mg/kg	15.0	15.0	1	EPA SW-846 Ch.7.3.4 Certifications: CTDOH,PADEP	11/10/2015 13:30	11/10/2015 15:32	AD

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/05/2015 19:52	11/06/2015 14:18	CLS

TCLP Extraction for SVOCs/PEST/HERB

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/05/2015 19:54	11/06/2015 14:19	CLS

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

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



Sample Information

Client Sample ID: UST-D3

York Sample ID: 15K0129-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15K0129

15-004

Sludge

November 4, 2015 9:40 am

11/04/2015

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		%	1.00	1.00	1	EPA 1311	11/05/2015 19:56	11/06/2015 14:19	CLS
Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP											



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
15K0129-01	FT 273	1000mL Amber Glass Cool to 4° C
15K0129-01	FT 273	40mL 01_Clear Vial Cool to 4° C
15K0129-02	FT 3560	1000mL Amber Glass Cool to 4° C
15K0129-02	FT 3560	40mL 01_Clear Vial Cool to 4° C
15K0129-03	Tote D5	1000mL Amber Glass Cool to 4° C
15K0129-03	Tote D5	40mL 01_Clear Vial Cool to 4° C
15K0129-04	UST-D1	1000mL WM Clear Glass Cool to 4° C
15K0129-04	UST-D1	40mL 01_Clear Vial Cool to 4° C
15K0129-05	UST-D2	1000mL WM Clear Glass Cool to 4° C
15K0129-05	UST-D2	40mL 01_Clear Vial Cool to 4° C
15K0129-06	UST-D3	1000mL WM Clear Glass Cool to 4° C
15K0129-06	UST-D3	40mL 01_Clear Vial Cool to 4° C



Notes and Definitions

M-BLKNS	Analyte in M-Blk above MDL. Not detected in samples.
BTL-X	NON-COMPLIANT - The sample was received in an improper container and/or with improper sampling technique.
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).
EXT-COMP	Completed
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
EXT-Temp	Extraction temperture slightly exceeded acceptance range.
F-01	> 200
GC-Surr	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the alternate surrogate.
HT-02	NON-COMPLIANT-This sample was received outside the EPA recommended holding time.
HT-pH	HOLDING TIME EXCEEDED. Samples for pH must be measured in the field or within 15 minutes of sample collection.
IGN-01	Non-Ignit.
IS-04	This internal standard was suppressed due to matrix effects.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.
M-ACCB	Analyte in CCB. Run is bracketed by acceptable CCBs.
VOA-CONT	NON-COMPLIANT- the container(s) provided by the client for soil volatiles do not meet the requirements of EPA SW846-5035A. Results reported below 200 ug/kg may be biased low due to samples not being collected according to EPA SW846 5035A requirements.
M-DB	Analyte in Method Blank >MDL. Sample conc. >10 X blank conc.
M-HCSpk	Sample conc. >10 X spike conc.
M-LSRD	Original sample conc <50 X reporting limit.
M-RPD	Sample conc. <5 X reporting limit.
M-SeTC	It is noted that a known interference with selenium at the analytical line for analysis by ICP is caused by carbon emission from the TCLP or high organics matrix. The data user may subtract the matrix blank value from the data if needed.
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.
Rep-04	The sample was diluted due to the presence of high levels of non-target analytes resulting in elevated reporting limits.
S-01	The surrogate recovery for this sample may not be available due to sample dilution required from high analyte concentration and/or matrix interferences.
S-08	The recovery of this surrogate was outside of QC limits.
SCAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%).
S-D	The surrogates were spiked at twice the normal concentration and recovery is within limits.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.

* Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.

ND NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)



RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.



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

Field Chain-of-Custody Record

Page 1 of 1

York Project No. 15K0129

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 Company: <u>SCE Environmental</u> Address: <u>1380 Mount Cabb Road</u> <u>Lake Ariel PA 18436</u> Phone No. <u>(570) 383-4151</u> Contact Person: <u>Nate Butler</u> E-Mail Address: <u>Nbutler@SCEenv.com</u>		Report To: Company: _____ Address: <u>SAME</u> Phone No. _____ Attention: _____ E-Mail Address: _____		Invoice To: Company: _____ Address: <u>SAME</u> Phone No. _____ Attention: _____ E-Mail Address: _____		YOUR Project ID <u>15-004</u> Purchase Order No. _____		Turn-Around Time RUSH - Same Day ☐ RUSH - Next Day ☐ RUSH - Two Day ☒ RUSH - Three Day ☐ RUSH - Four Day ☐ Standard (5-7 Days) ☐		Report Type Summary Report ☒ Summary w/ QA Summary ☐ CT RCP Package ☐ CTRCP DOA/DUE Pkg ☐ NY ASP A Package ☐ NY ASP B Package ☐ NJDEP Red. Deliv. ☐ <i>Electronic Data Deliverables (EDD)</i> Simple Excel ☐ NYSDCE EQuIS ☐ EQuIS (std) ☐ EZ-EDD (EQuIS) ☐ NJDEP SRP HazSite EDD ☐ GIS/KEY (std) ☐ Other _____ York Regulatory Comparison ☐ Excel Spreadsheet ☐ Compare to the following Regs. (please fill in): _____	

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

Aaron Paradise
 Samples Collected/Authorized By (Signature)
Aaron Paradise
 Name (printed)

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

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
FT 273	11/4/2015, 0910	WW	Please see attached spec sheet	2-32oz glass clear amber
FT3560	11/4/2015, 0905	WW		2-32oz glass clear amber
Tote D5	11/4/2015, 0915	WW		2-32oz glass clear amber
UST-D1	11/4/2015, 09:30-09:30	Sludge		1-32oz glass clear
UST-D2	11/4/2015, 0950	Sludge		1-32oz glass clear
UST-D3	11/4/2015, 0940	Sludge		1-32oz glass clear

Comments

4°C _____ Frozen _____ HCl _____ MeOH _____ ZnAc _____ Ascorbic Acid _____ <u>Aaron Paradise</u> Samples Relinquished By Date/Time <u>11/4/2015 1500</u>	HNO ₃ _____ H ₂ O ₂ _____ NaOH _____ Other _____ <u>TC Butler</u> Samples Received By Date/Time <u>11/4/15 1757</u>	Temperature on Receipt <u>4.7</u> °C

Clean Earth Sampling Protocol
North Jersey

PARAMETERS	TPH	TOX	TOTAL VOLATILE ORGANICS	TOTAL SEMI VOLATILE ORGANICS	TOTAL METALS: PCBs, As, Cd, Cr, Ni, Pb, Se, V, Cu, Hg, Manganese (Total Cr > 100 ppm)	TCLP METALS: PCBs, As, Cd, Cr, Ni, Pb, Se, V, Cu, Hg, Manganese (Total Cr > 100 ppm)	IGNITABILITY	CORROSIVITY (PH)	REACTIVITY - SULFIDE AND CYANIDE	PCBs	TCLP VOLATILE ORGANICS	TCLP SEMI VOLATILE ORGANICS	
			GSP	GSP									
METHODS (I)		8015M	8023	8260B	8270D	6000/7000	1311/8010	1030	9045D	SW846 CHAPTER 7.3	8082A	1311/8260B	1311/8270D
	FREQUENCY												
CENJ Hazardous Soils	Grab - Every 750 tons			X								X	
	5 point grab composite 1st 750 tons and every 750 tons thereafter				X	X	X	X	X	X	X		X

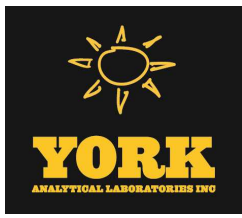
This is to be used as a guideline for sampling. Sampling frequencies and parameter requirements may be modified at the discretion of the CE Approval staff based items such as site (1) The methods provided are standard EPA methods. The method revisions are subject to change and the most current method should always be utilized by the laboratory.

CENJ Specific compounds - ** Please note that Clean Earth of North Jersey (CENJ) requires that the compounds identified below be included/reported for all projects. In addition, the concentrations of the compounds cannot exceed the limits identified below.

Constituent	PPM/V*
Arsenic	4,000
Cadmium	4,000
Chromium +6	400
Lead	60,000
Mercury	60
Beryllium	800
Nickel	60,000
Benzene	400
Chlorobenzene	400
Cumene (Isopropylbenzene)	960
Ethylene Glycol	56,000
Methanol	4,000
Methylene Chloride (Dichloromethane)	600
Methyl Ethyl Ketone (2-Butanone; MEK)	800
Methyl Isobutyl Ketone (MIBK; 4 Methyl-2-Pentanone)	1,300
Phenol	1,300
Tetrachloroethylene (PCE)	400
Toluene	560
Trichloroethylene (TCE)	400
Xylene	1,200

*mg/Kg

glycol
methanol



Technical Report

prepared for:

SCE Environmental Group, Inc.

1380 Mt. Cobb Road

Lake Ariel PA, 18436

Attention: Nate Butler

Report Date: 02/04/2016

Client Project ID: 15-004

York Project (SDG) No.: 16A0788

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 02/04/2016
Client Project ID: 15-004
York Project (SDG) No.: 16A0788

SCE Environmental Group, Inc.
1380 Mt. Cobb Road
Lake Ariel PA, 18436
Attention: Nate Butler

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 January 27, 2016 and listed below. The project was identified as your project: **15-004**.

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>
16A0788-01	Chalk 12716	Solid	01/27/2016	01/27/2016
16A0788-02	D5 12716	Solid	01/27/2016	01/27/2016
16A0788-03	D4 12716	Solid	01/27/2016	01/27/2016
16A0788-04	LNAPL 12716	Liquid	01/27/2016	01/27/2016
16A0788-05	Con Pipe G 12716	Solid	01/27/2016	01/27/2016
16A0788-06	Con Pipe C 12716	Solid	01/27/2016	01/27/2016

General Notes for York Project (SDG) No.: 16A0788

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: 02/04/2016





Sample Information

Client Sample ID: Chalk 12716

York Sample ID: 16A0788-01

York Project (SDG) No.

16A0788

Client Project ID

15-004

Matrix

Solid

Collection Date/Time

January 27, 2016 10:30 am

Date Received

01/27/2016

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 16:34	02/03/2016 04:46	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 16:34	02/03/2016 04:46	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 16:34	02/03/2016 04:46	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 16:34	02/03/2016 04:46	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 16:34	02/03/2016 04:46	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 16:34	02/03/2016 04:46	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 16:34	02/03/2016 04:46	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/02/2016 16:34	02/03/2016 04:46	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/02/2016 16:34	02/03/2016 04:46	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/02/2016 16:34	02/03/2016 04:46	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 16:34	02/03/2016 04:46	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 16:34	02/03/2016 04:46	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 16:34	02/03/2016 04:46	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 16:34	02/03/2016 04:46	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 16:34	02/03/2016 04:46	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 16:34	02/03/2016 04:46	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 16:34	02/03/2016 04:46	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 16:34	02/03/2016 04:46	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 16:34	02/03/2016 04:46	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	45	90	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/02/2016 16:34	02/03/2016 04:46	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 16:34	02/03/2016 04:46	BK



Sample Information

Client Sample ID: Chalk 12716

York Sample ID: 16A0788-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16A0788

15-004

Solid

January 27, 2016 10:30 am

01/27/2016

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 16:34	02/03/2016 04:46	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 16:34	02/03/2016 04:46	BK
67-64-1	Acetone	4.5	J	ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 16:34	02/03/2016 04:46	BK
107-02-8	Acrolein	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 16:34	02/03/2016 04:46	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 16:34	02/03/2016 04:46	BK
71-43-2	Benzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 16:34	02/03/2016 04:46	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/02/2016 16:34	02/03/2016 04:46	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 16:34	02/03/2016 04:46	BK
75-25-2	Bromoform	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 16:34	02/03/2016 04:46	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 16:34	02/03/2016 04:46	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 16:34	02/03/2016 04:46	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 16:34	02/03/2016 04:46	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 16:34	02/03/2016 04:46	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 16:34	02/03/2016 04:46	BK
67-66-3	Chloroform	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 16:34	02/03/2016 04:46	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 16:34	02/03/2016 04:46	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 16:34	02/03/2016 04:46	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 16:34	02/03/2016 04:46	BK
110-82-7	Cyclohexane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/02/2016 16:34	02/03/2016 04:46	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/02/2016 16:34	02/03/2016 04:46	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/02/2016 16:34	02/03/2016 04:46	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/02/2016 16:34	02/03/2016 04:46	BK



Sample Information

Client Sample ID: Chalk 12716

York Sample ID: 16A0788-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16A0788

15-004

Solid

January 27, 2016 10:30 am

01/27/2016

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 16:34	02/03/2016 04:46	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/02/2016 16:34	02/03/2016 04:46	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 16:34	02/03/2016 04:46	BK
79-20-9	Methyl acetate	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/02/2016 16:34	02/03/2016 04:46	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 16:34	02/03/2016 04:46	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/02/2016 16:34	02/03/2016 04:46	BK
75-09-2	Methylene chloride	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 16:34	02/03/2016 04:46	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 16:34	02/03/2016 04:46	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 16:34	02/03/2016 04:46	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/02/2016 16:34	02/03/2016 04:46	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/02/2016 16:34	02/03/2016 04:46	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 16:34	02/03/2016 04:46	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 16:34	02/03/2016 04:46	BK
100-42-5	Styrene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 16:34	02/03/2016 04:46	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/02/2016 16:34	02/03/2016 04:46	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 16:34	02/03/2016 04:46	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 16:34	02/03/2016 04:46	BK
108-88-3	Toluene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 16:34	02/03/2016 04:46	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 16:34	02/03/2016 04:46	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 16:34	02/03/2016 04:46	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 16:34	02/03/2016 04:46	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 16:34	02/03/2016 04:46	BK



Sample Information

Client Sample ID: Chalk 12716

York Sample ID: 16A0788-01

York Project (SDG) No.

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Client Project ID

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January 27, 2016 10:30 am

Date Received

01/27/2016

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 16:34	02/03/2016 04:46	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.8	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 16:34	02/03/2016 04:46	BK
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	108 %			77-125						
2037-26-5	Surrogate: Toluene-d8	94.6 %			85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	86.8 %			76-130						

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 11:07	02/03/2016 13:05	BK
107-06-2	1,2-Dichloroethane	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 11:07	02/03/2016 13:05	BK
106-46-7	1,4-Dichlorobenzene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 11:07	02/03/2016 13:05	BK
78-93-3	2-Butanone	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 11:07	02/03/2016 13:05	BK
71-43-2	Benzene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 11:07	02/03/2016 13:05	BK
56-23-5	Carbon tetrachloride	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 11:07	02/03/2016 13:05	BK
108-90-7	Chlorobenzene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 11:07	02/03/2016 13:05	BK
67-66-3	Chloroform	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 11:07	02/03/2016 13:05	BK
127-18-4	Tetrachloroethylene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 11:07	02/03/2016 13:05	BK
79-01-6	Trichloroethylene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 11:07	02/03/2016 13:05	BK
75-01-4	Vinyl Chloride	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 11:07	02/03/2016 13:05	BK
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %			65-135						
460-00-4	Surrogate: p-Bromofluorobenzene	92.8 %			81-114						
2037-26-5	Surrogate: Toluene-d8	94.7 %			86-118						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: Chalk 12716

York Sample ID: 16A0788-01

York Project (SDG) No.

Client Project ID

Matrix

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Date Received

16A0788

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January 27, 2016 10:30 am

01/27/2016

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	306	611	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	02/01/2016 14:14	02/02/2016 10:20	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	611	1220	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	02/01/2016 14:14	02/02/2016 10:20	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	306	611	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 10:20	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	306	611	2	EPA 8270D Certifications: NELAC-NY10854	02/01/2016 14:14	02/02/2016 10:20	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	306	611	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	02/01/2016 14:14	02/02/2016 10:20	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	306	611	2	EPA 8270D Certifications: NELAC-NY10854	02/01/2016 14:14	02/02/2016 10:20	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	306	611	2	EPA 8270D Certifications: NELAC-NY10854	02/01/2016 14:14	02/02/2016 10:20	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	611	1220	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	02/01/2016 14:14	02/02/2016 10:20	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	306	611	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2016 14:14	02/02/2016 10:20	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	306	611	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 10:20	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	306	611	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 10:20	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	306	611	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 10:20	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	611	1220	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 10:20	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	306	611	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 10:20	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	306	611	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 10:20	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	306	611	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 10:20	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	306	611	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 10:20	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	306	611	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2016 14:14	02/02/2016 10:20	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	306	611	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 10:20	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	611	1220	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 10:20	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	306	611	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 10:20	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	306	611	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2016 14:14	02/02/2016 10:20	SR



Sample Information

Client Sample ID: Chalk 12716

York Sample ID: 16A0788-01

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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	306	611	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 10:20	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	611	1220	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 10:20	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	611	1220	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2016 14:14	02/02/2016 10:20	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	306	611	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 10:20	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	306	611	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 10:20	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	306	611	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 10:20	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	306	611	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 10:20	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	611	1220	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 10:20	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	611	1220	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 10:20	SR
83-32-9	Acenaphthene	ND		ug/kg dry	306	611	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 10:20	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	306	611	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 10:20	SR
98-86-2	Acetophenone	ND		ug/kg dry	306	611	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	02/01/2016 14:14	02/02/2016 10:20	SR
62-53-3	Aniline	ND		ug/kg dry	1220	2450	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 10:20	SR
120-12-7	Anthracene	ND		ug/kg dry	306	611	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 10:20	SR
1912-24-9	Atrazine	ND		ug/kg dry	306	611	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	02/01/2016 14:14	02/02/2016 10:20	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	306	611	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	02/01/2016 14:14	02/02/2016 10:20	SR
92-87-5	Benzidine	ND		ug/kg dry	1220	2450	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854	02/01/2016 14:14	02/02/2016 10:20	SR
56-55-3	Benzo(a)anthracene	440	CCV-E , J	ug/kg dry	306	611	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 10:20	SR
50-32-8	Benzo(a)pyrene	381	J	ug/kg dry	306	611	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 10:20	SR
205-99-2	Benzo(b)fluoranthene	347	J	ug/kg dry	306	611	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 10:20	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	306	611	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 10:20	SR
207-08-9	Benzo(k)fluoranthene	347	J	ug/kg dry	306	611	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 10:20	SR



Sample Information

Client Sample ID: Chalk 12716

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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65-85-0	Benzoic acid	ND		ug/kg dry	306	611	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	02/01/2016 14:14	02/02/2016 10:20	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	306	611	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 10:20	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	306	611	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 10:20	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	306	611	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 10:20	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	306	611	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 10:20	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	306	611	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 10:20	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	306	611	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 10:20	SR
105-60-2	Caprolactam	ND		ug/kg dry	611	1220	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	02/01/2016 14:14	02/02/2016 10:20	SR
86-74-8	Carbazole	ND		ug/kg dry	306	611	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 10:20	SR
218-01-9	Chrysene	542	J	ug/kg dry	306	611	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 10:20	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	306	611	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 10:20	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	306	611	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2016 14:14	02/02/2016 10:20	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	306	611	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 10:20	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	306	611	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 10:20	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	306	611	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 10:20	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	306	611	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 10:20	SR
206-44-0	Fluoranthene	850		ug/kg dry	306	611	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 10:20	SR
86-73-7	Fluorene	ND		ug/kg dry	306	611	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 10:20	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	306	611	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 10:20	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	306	611	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 10:20	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	306	611	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 10:20	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	306	611	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 10:20	SR



Sample Information

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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	306	611	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 10:20	SR
78-59-1	Isophorone	ND		ug/kg dry	306	611	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 10:20	SR
91-20-3	Naphthalene	ND		ug/kg dry	306	611	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2016 14:14	02/02/2016 10:20	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	306	611	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 10:20	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	306	611	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2016 14:14	02/02/2016 10:20	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	306	611	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 10:20	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	306	611	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2016 14:14	02/02/2016 10:20	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	306	611	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 10:20	SR
85-01-8	Phenanthrene	625		ug/kg dry	306	611	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 10:20	SR
108-95-2	Phenol	ND		ug/kg dry	306	611	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 10:20	SR
129-00-0	Pyrene	894		ug/kg dry	306	611	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 10:20	SR

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: 2-Fluorophenol	77.9 %	20-108
4165-62-2	Surrogate: Phenol-d5	77.2 %	23-114
4165-60-0	Surrogate: Nitrobenzene-d5	77.7 %	22-108
321-60-8	Surrogate: 2-Fluorobiphenyl	67.7 %	21-113
118-79-6	Surrogate: 2,4,6-Tribromophenol	99.5 %	19-110
1718-51-0	Surrogate: Terphenyl-d14	81.8 %	24-116

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		mg/L	0.00645	0.0100	1	EPA 8270D/1311 Certifications: NELAC-NY10854	02/02/2016 14:20	02/03/2016 10:24	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/L	0.00722	0.0100	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 14:20	02/03/2016 10:24	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/L	0.00654	0.0100	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 14:20	02/03/2016 10:24	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/L	0.00473	0.0100	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 14:20	02/03/2016 10:24	KH
95-48-7	2-Methylphenol	ND		mg/L	0.00171	0.0100	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 14:20	02/03/2016 10:24	KH



Sample Information

Client Sample ID: Chalk 12716

York Sample ID: 16A0788-01

York Project (SDG) No.

16A0788

Client Project ID

15-004

Matrix

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January 27, 2016 10:30 am

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Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		mg/L	0.00743	0.0200	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 14:20	02/03/2016 10:24	KH
1319-77-3	Cresols, total	ND		mg/L	0.00740	0.0300	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854	02/02/2016 14:20	02/03/2016 10:24	KH
118-74-1	Hexachlorobenzene	ND		mg/L	0.00591	0.0100	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 14:20	02/03/2016 10:24	KH
87-68-3	Hexachlorobutadiene	ND		mg/L	0.00662	0.0100	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 14:20	02/03/2016 10:24	KH
67-72-1	Hexachloroethane	ND		mg/L	0.00726	0.0100	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 14:20	02/03/2016 10:24	KH
98-95-3	Nitrobenzene	ND		mg/L	0.00393	0.0100	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 14:20	02/03/2016 10:24	KH
87-86-5	Pentachlorophenol	ND		mg/L	0.00753	0.0100	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 14:20	02/03/2016 10:24	KH
110-86-1	Pyridine	ND		mg/L	0.00637	0.0100	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 14:20	02/03/2016 10:24	KH
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: 2-Fluorophenol	67.9 %	S-08								
4165-62-2	Surrogate: Phenol-d5	60.0 %	S-08								
4165-60-0	Surrogate: Nitrobenzene-d5	88.9 %									
321-60-8	Surrogate: 2-Fluorobiphenyl	84.3 %									
118-79-6	Surrogate: 2,4,6-Tribromophenol	85.0 %									
1718-51-0	Surrogate: Terphenyl-d14	103 %	S-08								

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0203	0.0203	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/01/2016 06:41	02/02/2016 12:13	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0203	0.0203	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/01/2016 06:41	02/02/2016 12:13	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0203	0.0203	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/01/2016 06:41	02/02/2016 12:13	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0203	0.0203	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/01/2016 06:41	02/02/2016 12:13	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0203	0.0203	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/01/2016 06:41	02/02/2016 12:13	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0203	0.0203	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/01/2016 06:41	02/02/2016 12:13	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0203	0.0203	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/01/2016 06:41	02/02/2016 12:13	AMC



Sample Information

Client Sample ID: Chalk 12716

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Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0203	0.0203	1	EPA 8082A	02/01/2016 06:41	02/02/2016 12:13	AMC
Certifications:											
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	59.2 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	58.9 %		30-140							

Alcohols, C1-C3 Targets

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-56-1	* Methanol	51.1		mg/kg dry	2.44	2.44	1	EPA 8015D m	02/02/2016 16:11	02/03/2016 12:18	RB
Certifications:											

Glycols, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-21-1	* Ethylene Glycol	ND		mg/kg dry	305	305	1	GC/FID	02/02/2016 16:09	02/02/2016 20:41	RB
Certifications:											

Beryllium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	Beryllium	ND		mg/kg dry	0.305	0.305	1	EPA 6010C	02/01/2016 12:10	02/01/2016 16:46	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP											

Copper by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	15.6		mg/kg dry	1.53	1.53	1	EPA 6010C	02/01/2016 12:10	02/01/2016 16:46	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP											

Copper, TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	0.0802	B	mg/L	0.0150	0.0150	1	EPA 6010C/1311	02/02/2016 13:51	02/03/2016 03:26	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

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



Sample Information

Client Sample ID: Chalk 12716

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Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	5.55		mg/kg dry	3.05	3.05	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 12:10	02/01/2016 16:46	KV
7440-39-3	Barium	42.4		mg/kg dry	3.05	3.05	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 12:10	02/01/2016 16:46	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.916	0.916	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 12:10	02/01/2016 16:46	KV
7440-47-3	Chromium	2.85		mg/kg dry	1.53	1.53	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 12:10	02/01/2016 16:46	KV
7439-92-1	Lead	35.8		mg/kg dry	0.916	0.916	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 12:10	02/01/2016 16:46	KV
7782-49-2	Selenium	6.78		mg/kg dry	3.05	3.05	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 12:10	02/01/2016 16:46	KV
7440-22-4	Silver	ND		mg/kg dry	1.53	1.53	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 12:10	02/01/2016 16:46	KV

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.020	0.020	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 13:51	02/03/2016 03:26	KV
7440-39-3	Barium	1.31		mg/L	0.050	0.050	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 13:51	02/03/2016 03:26	KV
7440-43-9	Cadmium	ND		mg/L	0.015	0.015	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 13:51	02/03/2016 03:26	KV
7440-47-3	Chromium	ND		mg/L	0.025	0.025	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 13:51	02/03/2016 03:26	KV
7439-92-1	Lead	0.101		mg/L	0.015	0.015	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 13:51	02/03/2016 03:26	KV
7782-49-2	Selenium	ND		mg/L	0.050	0.050	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 13:51	02/03/2016 03:26	KV
7440-22-4	Silver	ND		mg/L	0.025	0.025	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 13:51	02/03/2016 03:26	KV

Nickel by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	4.76		mg/kg dry	1.53	1.53	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 12:10	02/01/2016 16:46	KV

Nickel, TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	ND		mg/L	0.0250	0.0250	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 13:51	02/03/2016 03:26	KV



Sample Information

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Vanadium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-62-2	Vanadium	5.19		mg/kg dry	3.05	3.05	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2016 12:10	02/01/2016 16:46	KV

Zinc by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	116		mg/kg dry	3.05	3.05	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2016 12:10	02/01/2016 16:46	KV

Zinc, TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	1.48		mg/L	0.0500	0.0500	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 13:51	02/03/2016 03:26	KV

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0403	0.0403	1	EPA 7471B Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/02/2016 15:37	02/02/2016 15:37	AA

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311 Certifications: CTDOH,NJDEP,PADEP,NELAC-NY10854	02/02/2016 15:33	02/02/2016 15:33	AA

Ignitability

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Ignitability	Non-Ignit.		-	1	1	1	EPA 1030P Certifications: CTDOH,PADEP	02/02/2016 22:53	02/03/2016 15:27	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	81.9		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/01/2016 11:34	02/02/2016 11:42	CLS



Sample Information

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Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	2.14	3.05	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854	02/02/2016 08:07	02/02/2016 14:58	SC

Corrosivity

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	9.41	HT-pH	pH units		0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP	02/03/2016 11:59	02/03/2016 15:09	CLS

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	1.22	1.22	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP	02/02/2016 10:42	02/02/2016 15:18	AD

Reactivity-Cyanide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Cyanide	ND		mg/kg	0.250	0.250	1	EPA SW-846 Ch.7.3.3 Certifications: CTDOH,PADEP	02/03/2016 12:12	02/03/2016 12:15	AD

Reactivity-Sulfide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Sulfide	ND		mg/kg	15.0	15.0	1	EPA SW-846 Ch.7.3.4 Certifications: CTDOH,PADEP	02/03/2016 12:13	02/03/2016 12:15	AD

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/01/2016 17:29	02/02/2016 14:50	CLS

TCLP Extraction for SVOCs/PEST/HERB

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/01/2016 17:32	02/02/2016 14:50	CLS

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: Chalk 12716

York Sample ID: 16A0788-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16A0788

15-004

Solid

January 27, 2016 10:30 am

01/27/2016

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		%	1.00	1.00	1	EPA 1311	02/01/2016 17:33	02/02/2016 14:51	CLS
								Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: D5 12716

York Sample ID: 16A0788-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16A0788

15-004

Solid

January 27, 2016 10:35 am

01/27/2016

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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/kg dry	290	580	100	EPA 8260C	02/02/2016 16:34	02/03/2016 05:16	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	290	580	100	EPA 8260C	02/02/2016 16:34	02/03/2016 05:16	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	290	580	100	EPA 8260C	02/02/2016 16:34	02/03/2016 05:16	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	290	580	100	EPA 8260C	02/02/2016 16:34	02/03/2016 05:16	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	290	580	100	EPA 8260C	02/02/2016 16:34	02/03/2016 05:16	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	290	580	100	EPA 8260C	02/02/2016 16:34	02/03/2016 05:16	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	290	580	100	EPA 8260C	02/02/2016 16:34	02/03/2016 05:16	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	290	580	100	EPA 8260C	02/02/2016 16:34	02/03/2016 05:16	BK
								Certifications: NELAC-NY10854,NJDEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	290	580	100	EPA 8260C	02/02/2016 16:34	02/03/2016 05:16	BK
								Certifications: NELAC-NY10854,NJDEP			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	290	580	100	EPA 8260C	02/02/2016 16:34	02/03/2016 05:16	BK
								Certifications: NELAC-NY10854,NJDEP			
95-63-6	1,2,4-Trimethylbenzene	12000		ug/kg dry	290	580	100	EPA 8260C	02/02/2016 16:34	02/03/2016 05:16	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	290	580	100	EPA 8260C	02/02/2016 16:34	02/03/2016 05:16	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	290	580	100	EPA 8260C	02/02/2016 16:34	02/03/2016 05:16	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	290	580	100	EPA 8260C	02/02/2016 16:34	02/03/2016 05:16	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	290	580	100	EPA 8260C	02/02/2016 16:34	02/03/2016 05:16	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			



Sample Information

Client Sample ID: D5 12716

York Sample ID: 16A0788-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16A0788

15-004

Solid

January 27, 2016 10:35 am

01/27/2016

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 16:34	02/03/2016 05:16	BK
108-67-8	1,3,5-Trimethylbenzene	2900		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 16:34	02/03/2016 05:16	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 16:34	02/03/2016 05:16	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 16:34	02/03/2016 05:16	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	5800	12000	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/02/2016 16:34	02/03/2016 05:16	BK
78-93-3	2-Butanone	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 16:34	02/03/2016 05:16	BK
591-78-6	2-Hexanone	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 16:34	02/03/2016 05:16	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 16:34	02/03/2016 05:16	BK
67-64-1	Acetone	ND		ug/kg dry	580	1200	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 16:34	02/03/2016 05:16	BK
107-02-8	Acrolein	ND		ug/kg dry	580	1200	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 16:34	02/03/2016 05:16	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 16:34	02/03/2016 05:16	BK
71-43-2	Benzene	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 16:34	02/03/2016 05:16	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/02/2016 16:34	02/03/2016 05:16	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 16:34	02/03/2016 05:16	BK
75-25-2	Bromoform	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 16:34	02/03/2016 05:16	BK
74-83-9	Bromomethane	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 16:34	02/03/2016 05:16	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 16:34	02/03/2016 05:16	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 16:34	02/03/2016 05:16	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 16:34	02/03/2016 05:16	BK
75-00-3	Chloroethane	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 16:34	02/03/2016 05:16	BK
67-66-3	Chloroform	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 16:34	02/03/2016 05:16	BK
74-87-3	Chloromethane	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 16:34	02/03/2016 05:16	BK



Sample Information

Client Sample ID: D5 12716

York Sample ID: 16A0788-02

York Project (SDG) No.

16A0788

Client Project ID

15-004

Matrix

Solid

Collection Date/Time

January 27, 2016 10:35 am

Date Received

01/27/2016

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 16:34	02/03/2016 05:16	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 16:34	02/03/2016 05:16	BK
110-82-7	Cyclohexane	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/02/2016 16:34	02/03/2016 05:16	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/02/2016 16:34	02/03/2016 05:16	BK
74-95-3	Dibromomethane	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/02/2016 16:34	02/03/2016 05:16	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/02/2016 16:34	02/03/2016 05:16	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 16:34	02/03/2016 05:16	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/02/2016 16:34	02/03/2016 05:16	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 16:34	02/03/2016 05:16	BK
79-20-9	Methyl acetate	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/02/2016 16:34	02/03/2016 05:16	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 16:34	02/03/2016 05:16	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/02/2016 16:34	02/03/2016 05:16	BK
75-09-2	Methylene chloride	ND		ug/kg dry	580	1200	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 16:34	02/03/2016 05:16	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 16:34	02/03/2016 05:16	BK
103-65-1	n-Propylbenzene	330	J	ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 16:34	02/03/2016 05:16	BK
95-47-6	o-Xylene	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/02/2016 16:34	02/03/2016 05:16	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	580	1200	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/02/2016 16:34	02/03/2016 05:16	BK
99-87-6	p-Isopropyltoluene	2000		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 16:34	02/03/2016 05:16	BK
135-98-8	sec-Butylbenzene	780		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 16:34	02/03/2016 05:16	BK
100-42-5	Styrene	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 16:34	02/03/2016 05:16	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	580	1200	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/02/2016 16:34	02/03/2016 05:16	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 16:34	02/03/2016 05:16	BK



Sample Information

Client Sample ID: D5 12716

York Sample ID: 16A0788-02

York Project (SDG) No.

16A0788

Client Project ID

15-004

Matrix

Solid

Collection Date/Time

January 27, 2016 10:35 am

Date Received

01/27/2016

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 16:34	02/03/2016 05:16	BK
108-88-3	Toluene	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 16:34	02/03/2016 05:16	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 16:34	02/03/2016 05:16	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 16:34	02/03/2016 05:16	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 16:34	02/03/2016 05:16	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 16:34	02/03/2016 05:16	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 16:34	02/03/2016 05:16	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	870	1700	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 16:34	02/03/2016 05:16	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	104 %	77-125								
2037-26-5	Surrogate: Toluene-d8	95.5 %	85-120								
460-00-4	Surrogate: p-Bromofluorobenzene	101 %	76-130								

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 11:07	02/03/2016 13:45	BK
107-06-2	1,2-Dichloroethane	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 11:07	02/03/2016 13:45	BK
106-46-7	1,4-Dichlorobenzene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 11:07	02/03/2016 13:45	BK
78-93-3	2-Butanone	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 11:07	02/03/2016 13:45	BK
71-43-2	Benzene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 11:07	02/03/2016 13:45	BK
56-23-5	Carbon tetrachloride	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 11:07	02/03/2016 13:45	BK
108-90-7	Chlorobenzene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 11:07	02/03/2016 13:45	BK
67-66-3	Chloroform	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 11:07	02/03/2016 13:45	BK
127-18-4	Tetrachloroethylene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 11:07	02/03/2016 13:45	BK



Sample Information

Client Sample ID: D5 12716

York Sample ID: 16A0788-02

York Project (SDG) No.

16A0788

Client Project ID

15-004

Matrix

Solid

Collection Date/Time

January 27, 2016 10:35 am

Date Received

01/27/2016

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 11:07	02/03/2016 13:45	BK
75-01-4	Vinyl Chloride	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 11:07	02/03/2016 13:45	BK
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	98.6 %			65-135						
460-00-4	Surrogate: p-Bromofluorobenzene	94.5 %			81-114						
2037-26-5	Surrogate: Toluene-d8	94.4 %			86-118						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	6320	12600	25	EPA 8270D Certifications: NELAC-NY10854,NJDEP	02/01/2016 14:14	02/03/2016 00:26	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	12600	25200	25	EPA 8270D Certifications: NELAC-NY10854,NJDEP	02/01/2016 14:14	02/03/2016 00:26	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	6320	12600	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:26	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	6320	12600	25	EPA 8270D Certifications: NELAC-NY10854	02/01/2016 14:14	02/03/2016 00:26	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	6320	12600	25	EPA 8270D Certifications: NELAC-NY10854,NJDEP	02/01/2016 14:14	02/03/2016 00:26	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	6320	12600	25	EPA 8270D Certifications: NELAC-NY10854	02/01/2016 14:14	02/03/2016 00:26	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	6320	12600	25	EPA 8270D Certifications: NELAC-NY10854	02/01/2016 14:14	02/03/2016 00:26	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	12600	25200	25	EPA 8270D Certifications: NELAC-NY10854,NJDEP	02/01/2016 14:14	02/03/2016 00:26	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	6320	12600	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2016 14:14	02/03/2016 00:26	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	6320	12600	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:26	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	6320	12600	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:26	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	6320	12600	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:26	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	12600	25200	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:26	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	6320	12600	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:26	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	6320	12600	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:26	SR



Sample Information

Client Sample ID: D5 12716

York Sample ID: 16A0788-02

York Project (SDG) No.

16A0788

Client Project ID

15-004

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Collection Date/Time

January 27, 2016 10:35 am

Date Received

01/27/2016

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	6320	12600	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:26	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	6320	12600	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:26	SR
91-57-6	2-Methylnaphthalene	77100		ug/kg dry	6320	12600	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2016 14:14	02/03/2016 00:26	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	6320	12600	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:26	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	12600	25200	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:26	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	6320	12600	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:26	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	6320	12600	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2016 14:14	02/03/2016 00:26	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	6320	12600	25	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:26	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	12600	25200	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:26	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	12600	25200	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2016 14:14	02/03/2016 00:26	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	6320	12600	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:26	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	6320	12600	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:26	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	6320	12600	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:26	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	6320	12600	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:26	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	12600	25200	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:26	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	12600	25200	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:26	SR
83-32-9	Acenaphthene	ND		ug/kg dry	6320	12600	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:26	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	6320	12600	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:26	SR
98-86-2	Acetophenone	ND		ug/kg dry	6320	12600	25	EPA 8270D Certifications: NELAC-NY10854,NJDEP	02/01/2016 14:14	02/03/2016 00:26	SR
62-53-3	Aniline	ND		ug/kg dry	25300	50500	25	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:26	SR
120-12-7	Anthracene	ND		ug/kg dry	6320	12600	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:26	SR
1912-24-9	Atrazine	ND		ug/kg dry	6320	12600	25	EPA 8270D Certifications: NELAC-NY10854,NJDEP	02/01/2016 14:14	02/03/2016 00:26	SR



Sample Information

Client Sample ID: D5 12716

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York Project (SDG) No.

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01/27/2016

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		ug/kg dry	6320	12600	25	EPA 8270D Certifications: NELAC-NY10854,NJDEP	02/01/2016 14:14	02/03/2016 00:26	SR
92-87-5	Benzidine	ND		ug/kg dry	25300	50500	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854	02/01/2016 14:14	02/03/2016 00:26	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	6320	12600	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:26	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	6320	12600	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:26	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	6320	12600	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:26	SR
191-24-2	Benzo(g,h,i)perylene	ND	IS-06	ug/kg dry	6320	12600	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:26	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	6320	12600	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:26	SR
65-85-0	Benzoic acid	ND		ug/kg dry	6320	12600	25	EPA 8270D Certifications: NELAC-NY10854,NJDEP	02/01/2016 14:14	02/03/2016 00:26	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	6320	12600	25	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:26	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	6320	12600	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:26	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	6320	12600	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:26	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	6320	12600	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:26	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	6320	12600	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:26	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	6320	12600	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:26	SR
105-60-2	Caprolactam	ND		ug/kg dry	12600	25200	25	EPA 8270D Certifications: NELAC-NY10854,NJDEP	02/01/2016 14:14	02/03/2016 00:26	SR
86-74-8	Carbazole	ND		ug/kg dry	6320	12600	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:26	SR
218-01-9	Chrysene	ND		ug/kg dry	6320	12600	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:26	SR
53-70-3	Dibenzo(a,h)anthracene	ND	IS-06	ug/kg dry	6320	12600	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:26	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	6320	12600	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2016 14:14	02/03/2016 00:26	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	6320	12600	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:26	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	6320	12600	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:26	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	6320	12600	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:26	SR



Sample Information

Client Sample ID: D5 12716

York Sample ID: 16A0788-02

York Project (SDG) No.

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January 27, 2016 10:35 am

01/27/2016

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	6320	12600	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:26	SR
206-44-0	Fluoranthene	ND		ug/kg dry	6320	12600	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:26	SR
86-73-7	Fluorene	ND		ug/kg dry	6320	12600	25	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:26	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	6320	12600	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:26	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	6320	12600	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:26	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	6320	12600	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:26	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	6320	12600	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:26	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND	IS-06	ug/kg dry	6320	12600	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:26	SR
78-59-1	Isophorone	ND		ug/kg dry	6320	12600	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:26	SR
91-20-3	Naphthalene	33200		ug/kg dry	6320	12600	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2016 14:14	02/03/2016 00:26	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	6320	12600	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:26	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	6320	12600	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2016 14:14	02/03/2016 00:26	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	6320	12600	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:26	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	6320	12600	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2016 14:14	02/03/2016 00:26	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	6320	12600	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:26	SR
85-01-8	Phenanthrene	ND		ug/kg dry	6320	12600	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:26	SR
108-95-2	Phenol	ND		ug/kg dry	6320	12600	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:26	SR
129-00-0	Pyrene	ND		ug/kg dry	6320	12600	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:26	SR
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	26.7 %	20-108								
4165-62-2	Surrogate: Phenol-d5	29.5 %	23-114								
4165-60-0	Surrogate: Nitrobenzene-d5	66.1 %	22-108								
321-60-8	Surrogate: 2-Fluorobiphenyl	44.4 %	21-113								
118-79-6	Surrogate: 2,4,6-Tribromophenol	34.2 %	19-110								
1718-51-0	Surrogate: Terphenyl-d14	50.3 %	24-116								



Sample Information

Client Sample ID: D5 12716

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York Project (SDG) No.

16A0788

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Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		mg/L	0.00645	0.0100	1	EPA 8270D/1311 Certifications: NELAC-NY10854	02/02/2016 14:20	02/03/2016 10:58	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/L	0.00722	0.0100	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 14:20	02/03/2016 10:58	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/L	0.00654	0.0100	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 14:20	02/03/2016 10:58	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/L	0.00473	0.0100	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 14:20	02/03/2016 10:58	KH
95-48-7	2-Methylphenol	ND		mg/L	0.00171	0.0100	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 14:20	02/03/2016 10:58	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/L	0.00743	0.0200	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 14:20	02/03/2016 10:58	KH
1319-77-3	Cresols, total	ND		mg/L	0.00740	0.0300	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854	02/02/2016 14:20	02/03/2016 10:58	KH
118-74-1	Hexachlorobenzene	ND		mg/L	0.00591	0.0100	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 14:20	02/03/2016 10:58	KH
87-68-3	Hexachlorobutadiene	ND		mg/L	0.00662	0.0100	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 14:20	02/03/2016 10:58	KH
67-72-1	Hexachloroethane	ND		mg/L	0.00726	0.0100	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 14:20	02/03/2016 10:58	KH
98-95-3	Nitrobenzene	ND		mg/L	0.00393	0.0100	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 14:20	02/03/2016 10:58	KH
87-86-5	Pentachlorophenol	ND		mg/L	0.00753	0.0100	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 14:20	02/03/2016 10:58	KH
110-86-1	Pyridine	ND		mg/L	0.00637	0.0100	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 14:20	02/03/2016 10:58	KH

Surrogate Recoveries		Result	Acceptance Range
367-12-4	Surrogate: 2-Fluorophenol	59.4 %	10-65
4165-62-2	Surrogate: Phenol-d5	45.3 %	10-49
4165-60-0	Surrogate: Nitrobenzene-d5	82.4 %	10-96
321-60-8	Surrogate: 2-Fluorobiphenyl	87.3 %	10-93
118-79-6	Surrogate: 2,4,6-Tribromophenol	92.2 %	10-128
1718-51-0	Surrogate: Terphenyl-d14	103 %	10-100

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.202	0.202	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/01/2016 06:41	02/03/2016 14:43	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.202	0.202	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/01/2016 06:41	02/03/2016 14:43	AMC



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Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.202	0.202	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/01/2016 06:41	02/03/2016 14:43	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.202	0.202	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/01/2016 06:41	02/03/2016 14:43	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.202	0.202	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/01/2016 06:41	02/03/2016 14:43	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.202	0.202	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/01/2016 06:41	02/03/2016 14:43	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.202	0.202	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/01/2016 06:41	02/03/2016 14:43	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.202	0.202	1	EPA 8082A Certifications:	02/01/2016 06:41	02/03/2016 14:43	AMC
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	68.7 %	30-140								
2051-24-3	Surrogate: Decachlorobiphenyl	71.0 %	30-140								

Alcohols, C1-C3 Targets

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-56-1	* Methanol	14.9		mg/kg dry	4.03	4.03	1	EPA 8015D m Certifications:	02/02/2016 16:11	02/03/2016 12:56	RB

Glycols, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-21-1	* Ethylene Glycol	ND		mg/kg dry	504	504	1	GC/FID Certifications:	02/02/2016 16:09	02/02/2016 21:23	RB

Beryllium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	Beryllium	ND		mg/kg dry	0.504	0.504	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2016 12:10	02/01/2016 16:51	KV

Copper by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	438		mg/kg dry	2.52	2.52	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2016 12:10	02/01/2016 16:51	KV



Sample Information

Client Sample ID: D5 12716

York Sample ID: 16A0788-02

York Project (SDG) No.
16A0788

Client Project ID
15-004

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Collection Date/Time
January 27, 2016 10:35 am

Date Received
01/27/2016

Copper, TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	0.0594	B	mg/L	0.0150	0.0150	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 13:51	02/03/2016 03:31	KV

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	7.11		mg/kg dry	5.04	5.04	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 12:10	02/01/2016 16:51	KV
7440-39-3	Barium	290		mg/kg dry	5.04	5.04	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 12:10	02/01/2016 16:51	KV
7440-43-9	Cadmium	10.5		mg/kg dry	1.51	1.51	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 12:10	02/01/2016 16:51	KV
7440-47-3	Chromium	103		mg/kg dry	2.52	2.52	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 12:10	02/01/2016 16:51	KV
7439-92-1	Lead	591		mg/kg dry	1.51	1.51	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 12:10	02/01/2016 16:51	KV
7782-49-2	Selenium	ND		mg/kg dry	5.04	5.04	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 12:10	02/01/2016 16:51	KV
7440-22-4	Silver	ND		mg/kg dry	2.52	2.52	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 12:10	02/01/2016 16:51	KV

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.020	0.020	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 13:51	02/03/2016 03:31	KV
7440-39-3	Barium	0.911		mg/L	0.050	0.050	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 13:51	02/03/2016 03:31	KV
7440-43-9	Cadmium	ND		mg/L	0.015	0.015	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 13:51	02/03/2016 03:31	KV
7440-47-3	Chromium	ND		mg/L	0.025	0.025	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 13:51	02/03/2016 03:31	KV
7439-92-1	Lead	0.493		mg/L	0.015	0.015	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 13:51	02/03/2016 03:31	KV
7782-49-2	Selenium	ND		mg/L	0.050	0.050	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 13:51	02/03/2016 03:31	KV
7440-22-4	Silver	ND		mg/L	0.025	0.025	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 13:51	02/03/2016 03:31	KV

Nickel by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	72.7		mg/kg dry	2.52	2.52	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 12:10	02/01/2016 16:51	KV



Sample Information

Client Sample ID: D5 12716

York Sample ID: 16A0788-02

York Project (SDG) No.

16A0788

Client Project ID

15-004

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Collection Date/Time

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Date Received

01/27/2016

Nickel, TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	0.257		mg/L	0.0250	0.0250	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 13:51	02/03/2016 03:31	KV

Vanadium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-62-2	Vanadium	161		mg/kg dry	5.04	5.04	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2016 12:10	02/01/2016 16:51	KV

Zinc by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	3580		mg/kg dry	5.04	5.04	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2016 12:10	02/01/2016 16:51	KV

Zinc, TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	7.37		mg/L	0.0500	0.0500	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 13:51	02/03/2016 03:31	KV

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0666	0.0666	1	EPA 7471B Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/02/2016 15:37	02/02/2016 15:37	AA

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311 Certifications: CTDOH,NJDEP,PADEP,NELAC-NY10854	02/02/2016 15:33	02/02/2016 15:33	AA

Ignitability

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Ignitability	Non-Ignit.		-	1	1	1	EPA 1030P Certifications: CTDOH,PADEP	02/02/2016 22:53	02/03/2016 15:27	AA

Total Solids

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: D5 12716

York Sample ID: 16A0788-02

York Project (SDG) No.

16A0788

Client Project ID

15-004

Matrix

Solid

Collection Date/Time

January 27, 2016 10:35 am

Date Received

01/27/2016

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	49.6		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/01/2016 11:34	02/02/2016 11:42	CLS

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	3.53	5.04	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854	02/02/2016 08:07	02/02/2016 14:58	SC

Corrosivity

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	7.58		HT-pH pH units		0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP	02/03/2016 11:59	02/03/2016 15:09	CLS

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	2.02	2.02	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP	02/02/2016 10:42	02/02/2016 15:18	AD

Reactivity-Cyanide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Cyanide	ND		mg/kg	0.250	0.250	1	EPA SW-846 Ch.7.3.3 Certifications: CTDOH,PADEP	02/03/2016 12:12	02/03/2016 12:15	AD

Reactivity-Sulfide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Sulfide	ND		mg/kg	15.0	15.0	1	EPA SW-846 Ch.7.3.4 Certifications: CTDOH,PADEP	02/03/2016 12:13	02/03/2016 12:15	AD

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/01/2016 17:29	02/02/2016 14:50	CLS

TCLP Extraction for SVOCS/PEST/HERB

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS

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



Sample Information

Client Sample ID: D5 12716

York Sample ID: 16A0788-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

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01/27/2016

TCLP Extraction for SVOCS/PEST/HERB

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	02/01/2016 17:32	02/02/2016 14:50	CLS
Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP											

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		%	1.00	1.00	1	EPA 1311	02/01/2016 17:33	02/02/2016 14:51	CLS
Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP											

Sample Information

Client Sample ID: D4 12716

York Sample ID: 16A0788-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16A0788

15-004

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January 27, 2016 10:45 am

01/27/2016

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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/kg dry	270	540	100	EPA 8260C	02/03/2016 09:02	02/03/2016 14:44	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	270	540	100	EPA 8260C	02/03/2016 09:02	02/03/2016 14:44	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	270	540	100	EPA 8260C	02/03/2016 09:02	02/03/2016 14:44	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	270	540	100	EPA 8260C	02/03/2016 09:02	02/03/2016 14:44	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	270	540	100	EPA 8260C	02/03/2016 09:02	02/03/2016 14:44	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	270	540	100	EPA 8260C	02/03/2016 09:02	02/03/2016 14:44	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	270	540	100	EPA 8260C	02/03/2016 09:02	02/03/2016 14:44	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	270	540	100	EPA 8260C	02/03/2016 09:02	02/03/2016 14:44	SS
Certifications: NELAC-NY10854,NJDEP											
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	270	540	100	EPA 8260C	02/03/2016 09:02	02/03/2016 14:44	SS
Certifications: NELAC-NY10854,NJDEP											
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	270	540	100	EPA 8260C	02/03/2016 09:02	02/03/2016 14:44	SS
Certifications: NELAC-NY10854,NJDEP											
95-63-6	1,2,4-Trimethylbenzene	5900		ug/kg dry	270	540	100	EPA 8260C	02/03/2016 09:02	02/03/2016 14:44	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											



Sample Information

Client Sample ID: D4 12716

York Sample ID: 16A0788-03

York Project (SDG) No.

Client Project ID

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Collection Date/Time

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16A0788

15-004

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January 27, 2016 10:45 am

01/27/2016

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	270	540	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:02	02/03/2016 14:44	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	270	540	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:02	02/03/2016 14:44	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	270	540	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:02	02/03/2016 14:44	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	270	540	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:02	02/03/2016 14:44	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	270	540	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:02	02/03/2016 14:44	SS
108-67-8	1,3,5-Trimethylbenzene	2800		ug/kg dry	270	540	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:02	02/03/2016 14:44	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	270	540	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:02	02/03/2016 14:44	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	270	540	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:02	02/03/2016 14:44	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	5400	11000	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/03/2016 09:02	02/03/2016 14:44	SS
78-93-3	2-Butanone	4800		ug/kg dry	270	540	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:02	02/03/2016 14:44	SS
591-78-6	2-Hexanone	7200		ug/kg dry	270	540	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:02	02/03/2016 14:44	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	270	540	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:02	02/03/2016 14:44	SS
67-64-1	Acetone	3500	SCAL- E, B	ug/kg dry	540	1100	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:02	02/03/2016 14:44	SS
107-02-8	Acrolein	ND		ug/kg dry	540	1100	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:02	02/03/2016 14:44	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	270	540	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:02	02/03/2016 14:44	SS
71-43-2	Benzene	700		ug/kg dry	270	540	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:02	02/03/2016 14:44	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	270	540	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/03/2016 09:02	02/03/2016 14:44	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	270	540	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:02	02/03/2016 14:44	SS
75-25-2	Bromoform	ND		ug/kg dry	270	540	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:02	02/03/2016 14:44	SS
74-83-9	Bromomethane	ND		ug/kg dry	270	540	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:02	02/03/2016 14:44	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	270	540	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:02	02/03/2016 14:44	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	270	540	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:02	02/03/2016 14:44	SS



Sample Information

Client Sample ID: D4 12716

York Sample ID: 16A0788-03

York Project (SDG) No.

16A0788

Client Project ID

15-004

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Collection Date/Time

January 27, 2016 10:45 am

Date Received

01/27/2016

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/kg dry	270	540	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:02	02/03/2016 14:44	SS
75-00-3	Chloroethane	ND		ug/kg dry	270	540	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:02	02/03/2016 14:44	SS
67-66-3	Chloroform	ND		ug/kg dry	270	540	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:02	02/03/2016 14:44	SS
74-87-3	Chloromethane	ND		ug/kg dry	270	540	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:02	02/03/2016 14:44	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	270	540	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:02	02/03/2016 14:44	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	270	540	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:02	02/03/2016 14:44	SS
110-82-7	Cyclohexane	ND		ug/kg dry	270	540	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/03/2016 09:02	02/03/2016 14:44	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	270	540	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:02	02/03/2016 14:44	SS
74-95-3	Dibromomethane	ND		ug/kg dry	270	540	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/03/2016 09:02	02/03/2016 14:44	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	270	540	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/03/2016 09:02	02/03/2016 14:44	SS
100-41-4	Ethyl Benzene	900		ug/kg dry	270	540	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:02	02/03/2016 14:44	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	270	540	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/03/2016 09:02	02/03/2016 14:44	SS
98-82-8	Isopropylbenzene	430	J	ug/kg dry	270	540	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:02	02/03/2016 14:44	SS
79-20-9	Methyl acetate	ND		ug/kg dry	270	540	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/03/2016 09:02	02/03/2016 14:44	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	270	540	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:02	02/03/2016 14:44	SS
108-87-2	Methylcyclohexane	480	J	ug/kg dry	270	540	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/03/2016 09:02	02/03/2016 14:44	SS
75-09-2	Methylene chloride	1700		ug/kg dry	540	1100	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:02	02/03/2016 14:44	SS
104-51-8	n-Butylbenzene	620		ug/kg dry	270	540	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:02	02/03/2016 14:44	SS
103-65-1	n-Propylbenzene	1100		ug/kg dry	270	540	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:02	02/03/2016 14:44	SS
95-47-6	o-Xylene	1200		ug/kg dry	270	540	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/03/2016 09:02	02/03/2016 14:44	SS
179601-23-1	p- & m- Xylenes	2400		ug/kg dry	540	1100	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/03/2016 09:02	02/03/2016 14:44	SS
99-87-6	p-Isopropyltoluene	700		ug/kg dry	270	540	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:02	02/03/2016 14:44	SS
135-98-8	sec-Butylbenzene	450	J	ug/kg dry	270	540	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:02	02/03/2016 14:44	SS



Sample Information

Client Sample ID: D4 12716

York Sample ID: 16A0788-03

York Project (SDG) No.

16A0788

Client Project ID

15-004

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January 27, 2016 10:45 am

Date Received

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Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/kg dry	270	540	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:02	02/03/2016 14:44	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	270	540	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/03/2016 09:02	02/03/2016 14:44	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	270	540	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:02	02/03/2016 14:44	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	270	540	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:02	02/03/2016 14:44	SS
108-88-3	Toluene	540		ug/kg dry	270	540	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:02	02/03/2016 14:44	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	270	540	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:02	02/03/2016 14:44	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	270	540	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:02	02/03/2016 14:44	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	270	540	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:02	02/03/2016 14:44	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	270	540	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:02	02/03/2016 14:44	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	270	540	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:02	02/03/2016 14:44	SS
1330-20-7	Xylenes, Total	3600		ug/kg dry	810	1600	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:02	02/03/2016 14:44	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	93.0 %	77-125								
2037-26-5	Surrogate: Toluene-d8	98.0 %	85-120								
460-00-4	Surrogate: p-Bromofluorobenzene	118 %	76-130								

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 11:07	02/03/2016 14:26	BK
107-06-2	1,2-Dichloroethane	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 11:07	02/03/2016 14:26	BK
106-46-7	1,4-Dichlorobenzene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 11:07	02/03/2016 14:26	BK
78-93-3	2-Butanone	0.27	CCV-E	mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 11:07	02/03/2016 14:26	BK
71-43-2	Benzene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 11:07	02/03/2016 14:26	BK
56-23-5	Carbon tetrachloride	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 11:07	02/03/2016 14:26	BK
108-90-7	Chlorobenzene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 11:07	02/03/2016 14:26	BK



Sample Information

Client Sample ID: D4 12716

York Sample ID: 16A0788-03

York Project (SDG) No.
16A0788

Client Project ID
15-004

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01/27/2016

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-66-3	Chloroform	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 11:07	02/03/2016 14:26	BK
127-18-4	Tetrachloroethylene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 11:07	02/03/2016 14:26	BK
79-01-6	Trichloroethylene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 11:07	02/03/2016 14:26	BK
75-01-4	Vinyl Chloride	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 11:07	02/03/2016 14:26	BK
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	100 %			65-135						
460-00-4	Surrogate: p-Bromofluorobenzene	95.4 %			81-114						
2037-26-5	Surrogate: Toluene-d8	93.3 %			86-118						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	36400	72700	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP	02/01/2016 14:14	02/03/2016 00:56	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	72700	145000	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP	02/01/2016 14:14	02/03/2016 00:56	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	36400	72700	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:56	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	36400	72700	50	EPA 8270D Certifications: NELAC-NY10854	02/01/2016 14:14	02/03/2016 00:56	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	36400	72700	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP	02/01/2016 14:14	02/03/2016 00:56	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	36400	72700	50	EPA 8270D Certifications: NELAC-NY10854	02/01/2016 14:14	02/03/2016 00:56	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	36400	72700	50	EPA 8270D Certifications: NELAC-NY10854	02/01/2016 14:14	02/03/2016 00:56	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	72700	145000	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP	02/01/2016 14:14	02/03/2016 00:56	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	36400	72700	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2016 14:14	02/03/2016 00:56	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	36400	72700	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:56	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	36400	72700	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:56	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	36400	72700	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:56	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	72700	145000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:56	SR



Sample Information

Client Sample ID: D4 12716

York Sample ID: 16A0788-03

York Project (SDG) No.

16A0788

Client Project ID

15-004

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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	36400	72700	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:56	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	36400	72700	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:56	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	36400	72700	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:56	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	36400	72700	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:56	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	36400	72700	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2016 14:14	02/03/2016 00:56	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	36400	72700	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:56	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	72700	145000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:56	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	36400	72700	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:56	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	36400	72700	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2016 14:14	02/03/2016 00:56	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	36400	72700	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:56	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	72700	145000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:56	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	72700	145000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2016 14:14	02/03/2016 00:56	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	36400	72700	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:56	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	36400	72700	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:56	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	36400	72700	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:56	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	36400	72700	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:56	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	72700	145000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:56	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	72700	145000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:56	SR
83-32-9	Acenaphthene	ND		ug/kg dry	36400	72700	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:56	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	36400	72700	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:56	SR
98-86-2	Acetophenone	ND		ug/kg dry	36400	72700	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP	02/01/2016 14:14	02/03/2016 00:56	SR
62-53-3	Aniline	ND		ug/kg dry	146000	291000	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:56	SR



Sample Information

Client Sample ID: D4 12716

York Sample ID: 16A0788-03

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16A0788

Client Project ID

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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		ug/kg dry	36400	72700	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:56	SR
1912-24-9	Atrazine	ND		ug/kg dry	36400	72700	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP	02/01/2016 14:14	02/03/2016 00:56	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	36400	72700	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP	02/01/2016 14:14	02/03/2016 00:56	SR
92-87-5	Benzidine	ND		ug/kg dry	146000	291000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854	02/01/2016 14:14	02/03/2016 00:56	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	36400	72700	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:56	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	36400	72700	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:56	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	36400	72700	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:56	SR
191-24-2	Benzo(g,h,i)perylene	ND	IS-06	ug/kg dry	36400	72700	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:56	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	36400	72700	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:56	SR
65-85-0	Benzoic acid	ND		ug/kg dry	36400	72700	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP	02/01/2016 14:14	02/03/2016 00:56	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	36400	72700	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:56	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	36400	72700	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:56	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	36400	72700	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:56	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	36400	72700	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:56	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	36400	72700	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:56	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	36400	72700	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:56	SR
105-60-2	Caprolactam	ND		ug/kg dry	72700	145000	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP	02/01/2016 14:14	02/03/2016 00:56	SR
86-74-8	Carbazole	ND		ug/kg dry	36400	72700	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:56	SR
218-01-9	Chrysene	ND		ug/kg dry	36400	72700	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:56	SR
53-70-3	Dibenzo(a,h)anthracene	ND	IS-06	ug/kg dry	36400	72700	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:56	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	36400	72700	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2016 14:14	02/03/2016 00:56	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	36400	72700	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:56	SR



Sample Information

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Client Project ID

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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		ug/kg dry	36400	72700	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:56	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	36400	72700	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:56	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	36400	72700	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:56	SR
206-44-0	Fluoranthene	ND		ug/kg dry	36400	72700	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:56	SR
86-73-7	Fluorene	ND		ug/kg dry	36400	72700	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:56	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	36400	72700	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:56	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	36400	72700	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:56	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	36400	72700	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:56	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	36400	72700	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:56	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND	IS-06	ug/kg dry	36400	72700	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:56	SR
78-59-1	Isophorone	ND		ug/kg dry	36400	72700	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:56	SR
91-20-3	Naphthalene	ND		ug/kg dry	36400	72700	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2016 14:14	02/03/2016 00:56	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	36400	72700	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:56	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	36400	72700	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2016 14:14	02/03/2016 00:56	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	36400	72700	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:56	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	36400	72700	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2016 14:14	02/03/2016 00:56	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	36400	72700	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:56	SR
85-01-8	Phenanthrene	ND		ug/kg dry	36400	72700	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:56	SR
108-95-2	Phenol	ND		ug/kg dry	36400	72700	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:56	SR
129-00-0	Pyrene	ND		ug/kg dry	36400	72700	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/03/2016 00:56	SR
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	%	S-01	20-108							
4165-62-2	Surrogate: Phenol-d5	660 %	S-01	23-114							
4165-60-0	Surrogate: Nitrobenzene-d5	%	S-01	22-108							



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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
321-60-8	Surrogate: 2-Fluorobiphenyl	44.9 %	S-01		21-113						
118-79-6	Surrogate: 2,4,6-Tribromophenol	%	S-01		19-110						
1718-51-0	Surrogate: Terphenyl-d14	54.8 %	S-01		24-116						

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		mg/L	0.00645	0.0100	1	EPA 8270D/1311 Certifications: NELAC-NY10854	02/02/2016 14:20	02/03/2016 11:32	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/L	0.00722	0.0100	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 14:20	02/03/2016 11:32	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/L	0.00654	0.0100	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 14:20	02/03/2016 11:32	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/L	0.00473	0.0100	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 14:20	02/03/2016 11:32	KH
95-48-7	2-Methylphenol	ND		mg/L	0.00171	0.0100	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 14:20	02/03/2016 11:32	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/L	0.00743	0.0200	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 14:20	02/03/2016 11:32	KH
1319-77-3	Cresols, total	ND		mg/L	0.00740	0.0300	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854	02/02/2016 14:20	02/03/2016 11:32	KH
118-74-1	Hexachlorobenzene	ND		mg/L	0.00591	0.0100	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 14:20	02/03/2016 11:32	KH
87-68-3	Hexachlorobutadiene	ND		mg/L	0.00662	0.0100	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 14:20	02/03/2016 11:32	KH
67-72-1	Hexachloroethane	ND		mg/L	0.00726	0.0100	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 14:20	02/03/2016 11:32	KH
98-95-3	Nitrobenzene	ND		mg/L	0.00393	0.0100	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 14:20	02/03/2016 11:32	KH
87-86-5	Pentachlorophenol	ND		mg/L	0.00753	0.0100	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 14:20	02/03/2016 11:32	KH
110-86-1	Pyridine	ND		mg/L	0.00637	0.0100	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 14:20	02/03/2016 11:32	KH

Surrogate Recoveries		Result	Acceptance Range
367-12-4	Surrogate: 2-Fluorophenol	61.6 %	10-65
4165-62-2	Surrogate: Phenol-d5	42.6 %	10-49
4165-60-0	Surrogate: Nitrobenzene-d5	95.6 %	10-96
321-60-8	Surrogate: 2-Fluorobiphenyl	107 %	10-93
118-79-6	Surrogate: 2,4,6-Tribromophenol	85.5 %	10-128
1718-51-0	Surrogate: Terphenyl-d14	137 %	10-100



Sample Information

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York Sample ID: 16A0788-03

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Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.		Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND			mg/kg dry	0.116	0.116	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/01/2016 06:41	02/03/2016 15:13	AMC
11104-28-2	Aroclor 1221	ND			mg/kg dry	0.116	0.116	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/01/2016 06:41	02/03/2016 15:13	AMC
11141-16-5	Aroclor 1232	ND			mg/kg dry	0.116	0.116	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/01/2016 06:41	02/03/2016 15:13	AMC
53469-21-9	Aroclor 1242	ND			mg/kg dry	0.116	0.116	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/01/2016 06:41	02/03/2016 15:13	AMC
12672-29-6	Aroclor 1248	ND			mg/kg dry	0.116	0.116	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/01/2016 06:41	02/03/2016 15:13	AMC
11097-69-1	Aroclor 1254	0.197			mg/kg dry	0.116	0.116	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/01/2016 06:41	02/03/2016 15:13	AMC
11096-82-5	Aroclor 1260	ND			mg/kg dry	0.116	0.116	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/01/2016 06:41	02/03/2016 15:13	AMC
1336-36-3	* Total PCBs	0.197			mg/kg dry	0.116	0.116	1	EPA 8082A Certifications:	02/01/2016 06:41	02/03/2016 15:13	AMC
Surrogate Recoveries		Result			Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	51.2 %			30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	48.3 %			30-140							

Alcohols, C1-C3 Targets

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-56-1	* Methanol	41.9		mg/kg dry	2.33	2.33	1	EPA 8015D m Certifications:	02/02/2016 16:11	02/03/2016 13:17	RB

Glycols, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-21-1	* Ethylene Glycol	ND		mg/kg dry	291	291	1	GC/FID Certifications:	02/02/2016 16:09	02/02/2016 21:44	RB

Beryllium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	Beryllium	ND		mg/kg dry	0.291	0.291	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2016 12:10	02/01/2016 16:56	KV

Copper by EPA 6010

Log-in Notes:

Sample Notes:



Sample Information

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Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	79.8		mg/kg dry	1.45	1.45	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2016 12:10	02/01/2016 16:56	KV

Copper, TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	0.0584	B	mg/L	0.0150	0.0150	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 13:51	02/03/2016 03:37	KV

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/kg dry	2.91	2.91	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 12:10	02/01/2016 16:56	KV
7440-39-3	Barium	104		mg/kg dry	2.91	2.91	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 12:10	02/01/2016 16:56	KV
7440-43-9	Cadmium	4.68		mg/kg dry	0.872	0.872	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 12:10	02/01/2016 16:56	KV
7440-47-3	Chromium	8.76		mg/kg dry	1.45	1.45	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 12:10	02/01/2016 16:56	KV
7439-92-1	Lead	448		mg/kg dry	0.872	0.872	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 12:10	02/01/2016 16:56	KV
7782-49-2	Selenium	ND		mg/kg dry	2.91	2.91	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 12:10	02/01/2016 16:56	KV
7440-22-4	Silver	ND		mg/kg dry	1.45	1.45	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 12:10	02/01/2016 16:56	KV

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.020	0.020	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 13:51	02/03/2016 03:37	KV
7440-39-3	Barium	0.662		mg/L	0.050	0.050	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 13:51	02/03/2016 03:37	KV
7440-43-9	Cadmium	ND		mg/L	0.015	0.015	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 13:51	02/03/2016 03:37	KV
7440-47-3	Chromium	ND		mg/L	0.025	0.025	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 13:51	02/03/2016 03:37	KV
7439-92-1	Lead	0.179		mg/L	0.015	0.015	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 13:51	02/03/2016 03:37	KV
7782-49-2	Selenium	ND		mg/L	0.050	0.050	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 13:51	02/03/2016 03:37	KV
7440-22-4	Silver	ND		mg/L	0.025	0.025	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 13:51	02/03/2016 03:37	KV

Nickel by EPA 6010

Log-in Notes:

Sample Notes:



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Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	10.3		mg/kg dry	1.45	1.45	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 12:10	02/01/2016 16:56	KV

Nickel, TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	ND		mg/L	0.0250	0.0250	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 13:51	02/03/2016 03:37	KV

Vanadium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-62-2	Vanadium	28.2		mg/kg dry	2.91	2.91	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2016 12:10	02/01/2016 16:56	KV

Zinc by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	1930		mg/kg dry	2.91	2.91	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2016 12:10	02/01/2016 16:56	KV

Zinc, TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	1.92		mg/L	0.0500	0.0500	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 13:51	02/03/2016 03:37	KV

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0384	0.0384	1	EPA 7471B Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/02/2016 15:37	02/02/2016 15:37	AA

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311 Certifications: CTDOH,NJDEP,PADEP,NELAC-NY10854	02/02/2016 15:33	02/02/2016 15:33	AA

Ignitability

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: D4 12716

York Sample ID: 16A0788-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16A0788

15-004

Solid

January 27, 2016 10:45 am

01/27/2016

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Ignitability	Non-Ignit.		-	1	1	1	EPA 1030P Certifications: CTDOH,PADEP	02/02/2016 22:53	02/03/2016 15:27	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	86.0		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/01/2016 11:34	02/02/2016 11:42	CLS

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	2.03	2.91	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854	02/02/2016 08:07	02/02/2016 14:58	SC

Corrosivity

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	5.28	HT-pH	pH units		0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP	02/03/2016 11:59	02/03/2016 15:09	CLS

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	1.16	1.16	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP	02/02/2016 10:42	02/02/2016 15:18	AD

Reactivity-Cyanide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Cyanide	ND		mg/kg	0.250	0.250	1	EPA SW-846 Ch.7.3.3 Certifications: CTDOH,PADEP	02/03/2016 12:12	02/03/2016 12:15	AD

Reactivity-Sulfide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Sulfide	ND		mg/kg	15.0	15.0	1	EPA SW-846 Ch.7.3.4 Certifications: CTDOH,PADEP	02/03/2016 12:13	02/03/2016 12:15	AD

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: D4 12716

York Sample ID: 16A0788-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16A0788

15-004

Solid

January 27, 2016 10:45 am

01/27/2016

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	02/01/2016 17:29	02/02/2016 14:50	CLS
Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP											

TCLP Extraction for SVOCS/PEST/HERB

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for SVOA/PEST/HERBS

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	02/01/2016 17:32	02/02/2016 14:50	CLS
Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP											

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		%	1.00	1.00	1	EPA 1311	02/01/2016 17:33	02/02/2016 14:51	CLS
Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP											

Sample Information

Client Sample ID: LNAPL 12716

York Sample ID: 16A0788-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16A0788

15-004

Liquid

January 27, 2016 11:00 am

01/27/2016

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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/kg dry	130000000	25000000	100000	EPA 8260C	02/03/2016 09:00	02/03/2016 16:26	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	130000000	25000000	100000	EPA 8260C	02/03/2016 09:00	02/03/2016 16:26	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	130000000	25000000	100000	EPA 8260C	02/03/2016 09:00	02/03/2016 16:26	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	130000000	25000000	100000	EPA 8260C	02/03/2016 09:00	02/03/2016 16:26	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	130000000	25000000	100000	EPA 8260C	02/03/2016 09:00	02/03/2016 16:26	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	130000000	25000000	100000	EPA 8260C	02/03/2016 09:00	02/03/2016 16:26	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	130000000	25000000	100000	EPA 8260C	02/03/2016 09:00	02/03/2016 16:26	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	130000000	25000000	100000	EPA 8260C	02/03/2016 09:00	02/03/2016 16:26	SS
Certifications: NELAC-NY10854,NJDEP											



Sample Information

Client Sample ID: LNAPL 12716

York Sample ID: 16A0788-04

York Project (SDG) No.

16A0788

Client Project ID

15-004

Matrix

Liquid

Collection Date/Time

January 27, 2016 11:00 am

Date Received

01/27/2016

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	130000000	25000000	100000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/03/2016 09:00	02/03/2016 16:26	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	130000000	25000000	100000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/03/2016 09:00	02/03/2016 16:26	SS
95-63-6	1,2,4-Trimethylbenzene	450000000		ug/kg dry	130000000	25000000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:00	02/03/2016 16:26	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	130000000	25000000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:00	02/03/2016 16:26	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	130000000	25000000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:00	02/03/2016 16:26	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	130000000	25000000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:00	02/03/2016 16:26	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	130000000	25000000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:00	02/03/2016 16:26	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	130000000	25000000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:00	02/03/2016 16:26	SS
108-67-8	1,3,5-Trimethylbenzene	190000000		ug/kg dry	130000000	25000000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:00	02/03/2016 16:26	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	130000000	25000000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:00	02/03/2016 16:26	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	130000000	25000000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:00	02/03/2016 16:26	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	250000000	50000000	100000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/03/2016 09:00	02/03/2016 16:26	SS
78-93-3	2-Butanone	ND		ug/kg dry	130000000	25000000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:00	02/03/2016 16:26	SS
591-78-6	2-Hexanone	ND		ug/kg dry	130000000	25000000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:00	02/03/2016 16:26	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	130000000	25000000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:00	02/03/2016 16:26	SS
67-64-1	Acetone	ND	SCAL-E	ug/kg dry	250000000	50000000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:00	02/03/2016 16:26	SS
107-02-8	Acrolein	ND		ug/kg dry	250000000	50000000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:00	02/03/2016 16:26	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	130000000	25000000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:00	02/03/2016 16:26	SS
71-43-2	Benzene	ND		ug/kg dry	130000000	25000000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:00	02/03/2016 16:26	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	130000000	25000000	100000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/03/2016 09:00	02/03/2016 16:26	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	130000000	25000000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:00	02/03/2016 16:26	SS
75-25-2	Bromoform	ND		ug/kg dry	130000000	25000000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:00	02/03/2016 16:26	SS



Sample Information

Client Sample ID: LNAPL 12716

York Sample ID: 16A0788-04

York Project (SDG) No.

16A0788

Client Project ID

15-004

Matrix

Liquid

Collection Date/Time

January 27, 2016 11:00 am

Date Received

01/27/2016

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/kg dry	130000000	25000000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:00	02/03/2016 16:26	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	130000000	25000000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:00	02/03/2016 16:26	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	130000000	25000000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:00	02/03/2016 16:26	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	130000000	25000000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:00	02/03/2016 16:26	SS
75-00-3	Chloroethane	ND		ug/kg dry	130000000	25000000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:00	02/03/2016 16:26	SS
67-66-3	Chloroform	ND		ug/kg dry	130000000	25000000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:00	02/03/2016 16:26	SS
74-87-3	Chloromethane	ND		ug/kg dry	130000000	25000000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:00	02/03/2016 16:26	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	130000000	25000000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:00	02/03/2016 16:26	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	130000000	25000000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:00	02/03/2016 16:26	SS
110-82-7	Cyclohexane	ND		ug/kg dry	130000000	25000000	100000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/03/2016 09:00	02/03/2016 16:26	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	130000000	25000000	100000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:00	02/03/2016 16:26	SS
74-95-3	Dibromomethane	ND		ug/kg dry	130000000	25000000	100000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/03/2016 09:00	02/03/2016 16:26	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	130000000	25000000	100000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/03/2016 09:00	02/03/2016 16:26	SS
100-41-4	Ethyl Benzene	290000000		ug/kg dry	130000000	25000000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:00	02/03/2016 16:26	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	130000000	25000000	100000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/03/2016 09:00	02/03/2016 16:26	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	130000000	25000000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:00	02/03/2016 16:26	SS
79-20-9	Methyl acetate	ND		ug/kg dry	130000000	25000000	100000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/03/2016 09:00	02/03/2016 16:26	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	130000000	25000000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:00	02/03/2016 16:26	SS
108-87-2	Methylcyclohexane	230000000	J	ug/kg dry	130000000	25000000	100000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/03/2016 09:00	02/03/2016 16:26	SS
75-09-2	Methylene chloride	ND		ug/kg dry	250000000	50000000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:00	02/03/2016 16:26	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	130000000	25000000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:00	02/03/2016 16:26	SS
103-65-1	n-Propylbenzene	800000000		ug/kg dry	130000000	25000000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:00	02/03/2016 16:26	SS



Sample Information

Client Sample ID: LNAPL 12716

York Sample ID: 16A0788-04

York Project (SDG) No.

16A0788

Client Project ID

15-004

Matrix

Liquid

Collection Date/Time

January 27, 2016 11:00 am

Date Received

01/27/2016

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-47-6	o-Xylene	ND		ug/kg dry	130000000	25000000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/03/2016 09:00	02/03/2016 16:26	SS
179601-23-1	p- & m- Xylenes	640000000		ug/kg dry	250000000	50000000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/03/2016 09:00	02/03/2016 16:26	SS
99-87-6	p-Isopropyltoluene	420000000		ug/kg dry	130000000	25000000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:00	02/03/2016 16:26	SS
135-98-8	sec-Butylbenzene	360000000		ug/kg dry	130000000	25000000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:00	02/03/2016 16:26	SS
100-42-5	Styrene	ND		ug/kg dry	130000000	25000000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:00	02/03/2016 16:26	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	250000000	50000000	100000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/03/2016 09:00	02/03/2016 16:26	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	130000000	25000000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:00	02/03/2016 16:26	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	130000000	25000000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:00	02/03/2016 16:26	SS
108-88-3	Toluene	ND		ug/kg dry	130000000	25000000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:00	02/03/2016 16:26	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	130000000	25000000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:00	02/03/2016 16:26	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	130000000	25000000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:00	02/03/2016 16:26	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	130000000	25000000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:00	02/03/2016 16:26	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	130000000	25000000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:00	02/03/2016 16:26	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	130000000	25000000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:00	02/03/2016 16:26	SS
1330-20-7	Xylenes, Total	740000000	J	ug/kg dry	380000000	75000000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:00	02/03/2016 16:26	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	109 %	77-125								
2037-26-5	Surrogate: Toluene-d8	110 %	85-120								
460-00-4	Surrogate: p-Bromofluorobenzene	84.9 %	76-130								

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 11:07	02/03/2016 15:07	BK
107-06-2	1,2-Dichloroethane	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 11:07	02/03/2016 15:07	BK
106-46-7	1,4-Dichlorobenzene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 11:07	02/03/2016 15:07	BK



Sample Information

Client Sample ID: LNAPL 12716

York Sample ID: 16A0788-04

York Project (SDG) No.

16A0788

Client Project ID

15-004

Matrix

Liquid

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January 27, 2016 11:00 am

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01/27/2016

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 11:07	02/03/2016 15:07	BK
71-43-2	Benzene	0.026	J	mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 11:07	02/03/2016 15:07	BK
56-23-5	Carbon tetrachloride	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 11:07	02/03/2016 15:07	BK
108-90-7	Chlorobenzene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 11:07	02/03/2016 15:07	BK
67-66-3	Chloroform	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 11:07	02/03/2016 15:07	BK
127-18-4	Tetrachloroethylene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 11:07	02/03/2016 15:07	BK
79-01-6	Trichloroethylene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 11:07	02/03/2016 15:07	BK
75-01-4	Vinyl Chloride	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 11:07	02/03/2016 15:07	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	94.3 %	65-135								
460-00-4	Surrogate: p-Bromofluorobenzene	92.9 %	81-114								
2037-26-5	Surrogate: Toluene-d8	93.9 %	86-118								

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	314000000	62600000	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP	02/01/2016 14:14	02/02/2016 22:56	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	626000000	12500000	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP	02/01/2016 14:14	02/02/2016 22:56	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	314000000	62600000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:56	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	314000000	62600000	50	EPA 8270D Certifications: NELAC-NY10854	02/01/2016 14:14	02/02/2016 22:56	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	314000000	62600000	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP	02/01/2016 14:14	02/02/2016 22:56	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	314000000	62600000	50	EPA 8270D Certifications: NELAC-NY10854	02/01/2016 14:14	02/02/2016 22:56	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	314000000	62600000	50	EPA 8270D Certifications: NELAC-NY10854	02/01/2016 14:14	02/02/2016 22:56	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	626000000	12500000	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP	02/01/2016 14:14	02/02/2016 22:56	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	314000000	62600000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2016 14:14	02/02/2016 22:56	SR



Sample Information

Client Sample ID: LNAPL 12716

York Sample ID: 16A0788-04

York Project (SDG) No.

16A0788

Client Project ID

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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	314000000	62600000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:56	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	314000000	62600000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:56	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	314000000	62600000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:56	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	626000000	12500000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:56	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	314000000	62600000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:56	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	314000000	62600000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:56	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	314000000	62600000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:56	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	314000000	62600000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:56	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	314000000	62600000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2016 14:14	02/02/2016 22:56	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	314000000	62600000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:56	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	626000000	12500000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:56	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	314000000	62600000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:56	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	314000000	62600000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2016 14:14	02/02/2016 22:56	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	314000000	62600000	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:56	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	626000000	12500000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:56	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	626000000	12500000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2016 14:14	02/02/2016 22:56	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	314000000	62600000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:56	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	314000000	62600000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:56	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	314000000	62600000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:56	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	314000000	62600000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:56	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	626000000	12500000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:56	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	626000000	12500000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:56	SR



Sample Information

Client Sample ID: LNAPL 12716

York Sample ID: 16A0788-04

York Project (SDG) No.

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Client Project ID

15-004

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Date Received

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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	314000000	62600000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:56	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	314000000	62600000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:56	SR
98-86-2	Acetophenone	ND		ug/kg dry	314000000	62600000	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP	02/01/2016 14:14	02/02/2016 22:56	SR
62-53-3	Aniline	ND		ug/kg dry	125000000	25100000	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:56	SR
120-12-7	Anthracene	ND		ug/kg dry	314000000	62600000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:56	SR
1912-24-9	Atrazine	ND		ug/kg dry	314000000	62600000	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP	02/01/2016 14:14	02/02/2016 22:56	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	314000000	62600000	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP	02/01/2016 14:14	02/02/2016 22:56	SR
92-87-5	Benzidine	ND		ug/kg dry	125000000	25100000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854	02/01/2016 14:14	02/02/2016 22:56	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	314000000	62600000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:56	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	314000000	62600000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:56	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	314000000	62600000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:56	SR
191-24-2	Benzo(g,h,i)perylene	ND	IS-06	ug/kg dry	314000000	62600000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:56	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	314000000	62600000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:56	SR
65-85-0	Benzoic acid	ND		ug/kg dry	314000000	62600000	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP	02/01/2016 14:14	02/02/2016 22:56	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	314000000	62600000	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:56	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	314000000	62600000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:56	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	314000000	62600000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:56	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	314000000	62600000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:56	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	314000000	62600000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:56	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	314000000	62600000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:56	SR
105-60-2	Caprolactam	ND		ug/kg dry	626000000	12500000	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP	02/01/2016 14:14	02/02/2016 22:56	SR
86-74-8	Carbazole	ND		ug/kg dry	314000000	62600000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:56	SR



Sample Information

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York Sample ID: 16A0788-04

York Project (SDG) No.

16A0788

Client Project ID

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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
218-01-9	Chrysene	ND		ug/kg dry	314000000	62600000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:56	SR
53-70-3	Dibenzo(a,h)anthracene	ND	IS-06	ug/kg dry	314000000	62600000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:56	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	314000000	62600000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2016 14:14	02/02/2016 22:56	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	314000000	62600000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:56	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	314000000	62600000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:56	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	314000000	62600000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:56	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	314000000	62600000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:56	SR
206-44-0	Fluoranthene	ND		ug/kg dry	314000000	62600000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:56	SR
86-73-7	Fluorene	ND		ug/kg dry	314000000	62600000	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:56	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	314000000	62600000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:56	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	314000000	62600000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:56	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	314000000	62600000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:56	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	314000000	62600000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:56	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND	IS-06	ug/kg dry	314000000	62600000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:56	SR
78-59-1	Isophorone	ND		ug/kg dry	314000000	62600000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:56	SR
91-20-3	Naphthalene	ND		ug/kg dry	314000000	62600000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2016 14:14	02/02/2016 22:56	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	314000000	62600000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:56	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	314000000	62600000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2016 14:14	02/02/2016 22:56	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	314000000	62600000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:56	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	314000000	62600000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2016 14:14	02/02/2016 22:56	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	314000000	62600000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:56	SR
85-01-8	Phenanthrene	ND		ug/kg dry	314000000	62600000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:56	SR



Sample Information

Client Sample ID: LNAPL 12716

York Sample ID: 16A0788-04

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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/kg dry	314000000	62600000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:56	SR
129-00-0	Pyrene	ND		ug/kg dry	314000000	62600000	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:56	SR
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	%			20-108						
4165-62-2	Surrogate: Phenol-d5	1160 %			23-114						
4165-60-0	Surrogate: Nitrobenzene-d5	239 %			22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	%			21-113						
118-79-6	Surrogate: 2,4,6-Tribromophenol	%			19-110						
1718-51-0	Surrogate: Terphenyl-d14	39.8 %			24-116						

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		mg/L	0.00645	0.0100	1	EPA 8270D/1311 Certifications: NELAC-NY10854	02/02/2016 14:20	02/03/2016 12:06	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/L	0.00722	0.0100	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 14:20	02/03/2016 12:06	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/L	0.00654	0.0100	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 14:20	02/03/2016 12:06	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/L	0.00473	0.0100	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 14:20	02/03/2016 12:06	KH
95-48-7	2-Methylphenol	ND		mg/L	0.00171	0.0100	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 14:20	02/03/2016 12:06	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/L	0.00743	0.0200	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 14:20	02/03/2016 12:06	KH
1319-77-3	Cresols, total	ND		mg/L	0.00740	0.0300	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854	02/02/2016 14:20	02/03/2016 12:06	KH
118-74-1	Hexachlorobenzene	ND		mg/L	0.00591	0.0100	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 14:20	02/03/2016 12:06	KH
87-68-3	Hexachlorobutadiene	ND		mg/L	0.00662	0.0100	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 14:20	02/03/2016 12:06	KH
67-72-1	Hexachloroethane	ND		mg/L	0.00726	0.0100	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 14:20	02/03/2016 12:06	KH
98-95-3	Nitrobenzene	ND		mg/L	0.00393	0.0100	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 14:20	02/03/2016 12:06	KH
87-86-5	Pentachlorophenol	ND		mg/L	0.00753	0.0100	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 14:20	02/03/2016 12:06	KH
110-86-1	Pyridine	ND		mg/L	0.00637	0.0100	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 14:20	02/03/2016 12:06	KH
Surrogate Recoveries		Result			Acceptance Range						



Sample Information

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Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	Surrogate: 2-Fluorophenol	68.7 %	S-08		10-65						
4165-62-2	Surrogate: Phenol-d5	54.1 %	S-08		10-49						
4165-60-0	Surrogate: Nitrobenzene-d5	96.5 %	S-08		10-96						
321-60-8	Surrogate: 2-Fluorobiphenyl	99.3 %	S-08		10-93						
118-79-6	Surrogate: 2,4,6-Tribromophenol	104 %			10-128						
1718-51-0	Surrogate: Terphenyl-d14	123 %	S-08		10-100						

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	500	500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/01/2016 06:41	02/02/2016 05:45	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	500	500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/01/2016 06:41	02/02/2016 05:45	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	500	500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/01/2016 06:41	02/02/2016 05:45	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	500	500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/01/2016 06:41	02/02/2016 05:45	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	500	500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/01/2016 06:41	02/02/2016 05:45	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	500	500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/01/2016 06:41	02/02/2016 05:45	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	500	500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/01/2016 06:41	02/02/2016 05:45	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	500	500	1	EPA 8082A Certifications:	02/01/2016 06:41	02/02/2016 05:45	AMC
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	81.6 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	82.6 %			30-140						

Alcohols, C1-C3 Targets

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-56-1	* Methanol	8530		mg/kg dry	200	200	1	EPA 8015D m Certifications:	02/02/2016 16:11	02/03/2016 14:17	RB

Glycols, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

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



Sample Information

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Glycols, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-21-1	* Ethylene Glycol	ND		mg/kg dry	250000	250000	1	GC/FID	02/02/2016 16:09	02/02/2016 22:47	RB
Certifications:											

Beryllium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	Beryllium	ND		mg/kg dry	25.0	25.0	1	EPA 6010C	02/01/2016 12:10	02/01/2016 17:00	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP											

Copper by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	275		mg/kg dry	125	125	1	EPA 6010C	02/01/2016 12:10	02/01/2016 17:00	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP											

Copper, TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	0.0482	B	mg/L	0.0150	0.0150	1	EPA 6010C/1311	02/02/2016 13:51	02/03/2016 03:42	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/kg dry	250	250	1	EPA 6010C	02/01/2016 12:10	02/01/2016 17:00	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-39-3	Barium	ND		mg/kg dry	250	250	1	EPA 6010C	02/01/2016 12:10	02/01/2016 17:00	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-43-9	Cadmium	ND		mg/kg dry	75.1	75.1	1	EPA 6010C	02/01/2016 12:10	02/01/2016 17:00	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-47-3	Chromium	ND		mg/kg dry	125	125	1	EPA 6010C	02/01/2016 12:10	02/01/2016 17:00	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7439-92-1	Lead	424		mg/kg dry	75.1	75.1	1	EPA 6010C	02/01/2016 12:10	02/01/2016 17:00	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7782-49-2	Selenium	ND		mg/kg dry	250	250	1	EPA 6010C	02/01/2016 12:10	02/01/2016 17:00	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-22-4	Silver	ND		mg/kg dry	125	125	1	EPA 6010C	02/01/2016 12:10	02/01/2016 17:00	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: LNAPL 12716

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Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.020	0.020	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 13:51	02/03/2016 03:42	KV
7440-39-3	Barium	1.04		mg/L	0.050	0.050	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 13:51	02/03/2016 03:42	KV
7440-43-9	Cadmium	ND		mg/L	0.015	0.015	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 13:51	02/03/2016 03:42	KV
7440-47-3	Chromium	ND		mg/L	0.025	0.025	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 13:51	02/03/2016 03:42	KV
7439-92-1	Lead	0.025		mg/L	0.015	0.015	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 13:51	02/03/2016 03:42	KV
7782-49-2	Selenium	ND		mg/L	0.050	0.050	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 13:51	02/03/2016 03:42	KV
7440-22-4	Silver	ND		mg/L	0.025	0.025	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 13:51	02/03/2016 03:42	KV

Nickel by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	ND		mg/kg dry	125	125	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 12:10	02/01/2016 17:00	KV

Nickel, TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	ND		mg/L	0.0250	0.0250	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 13:51	02/03/2016 03:42	KV

Vanadium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-62-2	Vanadium	ND		mg/kg dry	250	250	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2016 12:10	02/01/2016 17:00	KV

Zinc by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	499		mg/kg dry	250	250	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2016 12:10	02/01/2016 17:00	KV

Zinc, TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	0.359		mg/L	0.0500	0.0500	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 13:51	02/03/2016 03:42	KV



Sample Information

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Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	3.30	3.30	1	EPA 7471B Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/02/2016 15:37	02/02/2016 15:37	AA

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311 Certifications: CTDOH,NJDEP,PADEP,NELAC-NY10854	02/02/2016 15:33	02/02/2016 15:33	AA

Ignitability

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Ignitability	Non-Ignit.		-	1	1	1	EPA 1030P Certifications: CTDOH,PADEP	02/02/2016 22:53	02/03/2016 15:27	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	0.999		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/01/2016 11:34	02/02/2016 11:42	CLS

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	175	250	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854	02/02/2016 08:07	02/02/2016 14:58	SC

Corrosivity

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	5.97	HT-pH	pH units		0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP	02/03/2016 11:59	02/03/2016 15:09	CLS

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	100	100	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP	02/02/2016 10:42	02/02/2016 15:18	AD



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Reactivity-Cyanide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Reactivity - Cyanide		ND		mg/kg	0.250	0.250	1	EPA SW-846 Ch.7.3.3 Certifications: CTDOH,PADEP	02/03/2016 12:12	02/03/2016 12:15	AD

Reactivity-Sulfide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Reactivity - Sulfide		ND		mg/kg	15.0	15.0	1	EPA SW-846 Ch.7.3.4 Certifications: CTDOH,PADEP	02/03/2016 12:13	02/03/2016 12:15	AD

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
TCLP Extraction		Completed		N/A	1.00	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/01/2016 17:29	02/02/2016 14:50	CLS

TCLP Extraction for SVOCs/PEST/HERB

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
TCLP Extraction		Completed		N/A	1.00	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/01/2016 17:32	02/02/2016 14:50	CLS

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
TCLP Extraction		Completed		%	1.00	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/01/2016 17:33	02/02/2016 14:51	CLS

Sample Information

Client Sample ID: Con Pipe G 12716

York Sample ID: 16A0788-05

York Project (SDG) No.

Client Project ID

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15-004

Solid

January 27, 2016 11:40 am

01/27/2016

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5035A

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/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:45	02/03/2016 13:16	BK



Sample Information

Client Sample ID: Con Pipe G 12716

York Sample ID: 16A0788-05

York Project (SDG) No.

16A0788

Client Project ID

15-004

Matrix

Solid

Collection Date/Time

January 27, 2016 11:40 am

Date Received

01/27/2016

Volatile Organics, 8260 - Comprehensive

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:45	02/03/2016 13:16	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:45	02/03/2016 13:16	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:45	02/03/2016 13:16	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:45	02/03/2016 13:16	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:45	02/03/2016 13:16	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:45	02/03/2016 13:16	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/03/2016 09:45	02/03/2016 13:16	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/03/2016 09:45	02/03/2016 13:16	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/03/2016 09:45	02/03/2016 13:16	BK
95-63-6	1,2,4-Trimethylbenzene	430	J	ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:45	02/03/2016 13:16	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:45	02/03/2016 13:16	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:45	02/03/2016 13:16	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:45	02/03/2016 13:16	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:45	02/03/2016 13:16	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:45	02/03/2016 13:16	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:45	02/03/2016 13:16	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:45	02/03/2016 13:16	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:45	02/03/2016 13:16	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	5800	12000	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/03/2016 09:45	02/03/2016 13:16	BK
78-93-3	2-Butanone	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:45	02/03/2016 13:16	BK
591-78-6	2-Hexanone	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:45	02/03/2016 13:16	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:45	02/03/2016 13:16	BK



Sample Information

Client Sample ID: Con Pipe G 12716

York Sample ID: 16A0788-05

York Project (SDG) No.

16A0788

Client Project ID

15-004

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Volatile Organics, 8260 - Comprehensive

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		ug/kg dry	580	1200	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:45	02/03/2016 13:16	BK
107-02-8	Acrolein	ND		ug/kg dry	580	1200	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:45	02/03/2016 13:16	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:45	02/03/2016 13:16	BK
71-43-2	Benzene	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:45	02/03/2016 13:16	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/03/2016 09:45	02/03/2016 13:16	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:45	02/03/2016 13:16	BK
75-25-2	Bromoform	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:45	02/03/2016 13:16	BK
74-83-9	Bromomethane	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:45	02/03/2016 13:16	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:45	02/03/2016 13:16	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:45	02/03/2016 13:16	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:45	02/03/2016 13:16	BK
75-00-3	Chloroethane	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:45	02/03/2016 13:16	BK
67-66-3	Chloroform	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:45	02/03/2016 13:16	BK
74-87-3	Chloromethane	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:45	02/03/2016 13:16	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:45	02/03/2016 13:16	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:45	02/03/2016 13:16	BK
110-82-7	Cyclohexane	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/03/2016 09:45	02/03/2016 13:16	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:45	02/03/2016 13:16	BK
74-95-3	Dibromomethane	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/03/2016 09:45	02/03/2016 13:16	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/03/2016 09:45	02/03/2016 13:16	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:45	02/03/2016 13:16	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/03/2016 09:45	02/03/2016 13:16	BK



Sample Information

Client Sample ID: Con Pipe G 12716

York Sample ID: 16A0788-05

York Project (SDG) No.

16A0788

Client Project ID

15-004

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Volatile Organics, 8260 - Comprehensive

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:45	02/03/2016 13:16	BK
79-20-9	Methyl acetate	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/03/2016 09:45	02/03/2016 13:16	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:45	02/03/2016 13:16	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/03/2016 09:45	02/03/2016 13:16	BK
75-09-2	Methylene chloride	ND		ug/kg dry	580	1200	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:45	02/03/2016 13:16	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:45	02/03/2016 13:16	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:45	02/03/2016 13:16	BK
95-47-6	o-Xylene	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/03/2016 09:45	02/03/2016 13:16	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	580	1200	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/03/2016 09:45	02/03/2016 13:16	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:45	02/03/2016 13:16	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:45	02/03/2016 13:16	BK
100-42-5	Styrene	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:45	02/03/2016 13:16	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	580	1200	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/03/2016 09:45	02/03/2016 13:16	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:45	02/03/2016 13:16	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:45	02/03/2016 13:16	BK
108-88-3	Toluene	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:45	02/03/2016 13:16	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:45	02/03/2016 13:16	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:45	02/03/2016 13:16	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:45	02/03/2016 13:16	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:45	02/03/2016 13:16	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	290	580	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:45	02/03/2016 13:16	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	870	1700	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:45	02/03/2016 13:16	BK



Sample Information

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York Sample ID: 16A0788-05

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Volatile Organics, 8260 - Comprehensive

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	101 %			77-125						
2037-26-5	Surrogate: Toluene-d8	99.5 %			85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	87.0 %			76-130						

Volatile Organics, TCLP RCRA List

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 11:07	02/03/2016 15:47	BK
107-06-2	1,2-Dichloroethane	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 11:07	02/03/2016 15:47	BK
106-46-7	1,4-Dichlorobenzene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 11:07	02/03/2016 15:47	BK
78-93-3	2-Butanone	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 11:07	02/03/2016 15:47	BK
71-43-2	Benzene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 11:07	02/03/2016 15:47	BK
56-23-5	Carbon tetrachloride	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 11:07	02/03/2016 15:47	BK
108-90-7	Chlorobenzene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 11:07	02/03/2016 15:47	BK
67-66-3	Chloroform	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 11:07	02/03/2016 15:47	BK
127-18-4	Tetrachloroethylene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 11:07	02/03/2016 15:47	BK
79-01-6	Trichloroethylene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 11:07	02/03/2016 15:47	BK
75-01-4	Vinyl Chloride	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 11:07	02/03/2016 15:47	BK
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	95.5 %			65-135						
460-00-4	Surrogate: p-Bromofluorobenzene	92.8 %			81-114						
2037-26-5	Surrogate: Toluene-d8	93.2 %			86-118						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	291	580	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	02/01/2016 14:14	02/02/2016 22:25	SR



Sample Information

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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	580	1160	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	02/01/2016 14:14	02/02/2016 22:25	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	291	580	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:25	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	291	580	2	EPA 8270D Certifications: NELAC-NY10854	02/01/2016 14:14	02/02/2016 22:25	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	291	580	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	02/01/2016 14:14	02/02/2016 22:25	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	291	580	2	EPA 8270D Certifications: NELAC-NY10854	02/01/2016 14:14	02/02/2016 22:25	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	291	580	2	EPA 8270D Certifications: NELAC-NY10854	02/01/2016 14:14	02/02/2016 22:25	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	580	1160	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	02/01/2016 14:14	02/02/2016 22:25	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	291	580	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2016 14:14	02/02/2016 22:25	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	291	580	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:25	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	291	580	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:25	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	291	580	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:25	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	580	1160	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:25	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	291	580	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:25	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	291	580	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:25	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	291	580	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:25	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	291	580	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:25	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	291	580	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2016 14:14	02/02/2016 22:25	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	291	580	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:25	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	580	1160	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:25	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	291	580	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:25	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	291	580	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2016 14:14	02/02/2016 22:25	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	291	580	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:25	SR



Sample Information

Client Sample ID: Con Pipe G 12716

York Sample ID: 16A0788-05

York Project (SDG) No.

16A0788

Client Project ID

15-004

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January 27, 2016 11:40 am

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01/27/2016

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		ug/kg dry	580	1160	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:25	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	580	1160	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2016 14:14	02/02/2016 22:25	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	291	580	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:25	SR
59-50-7	4-Chloro-3-methylphenol	667		ug/kg dry	291	580	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:25	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	291	580	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:25	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	291	580	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:25	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	580	1160	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:25	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	580	1160	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:25	SR
83-32-9	Acenaphthene	ND		ug/kg dry	291	580	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:25	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	291	580	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:25	SR
98-86-2	Acetophenone	ND		ug/kg dry	291	580	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	02/01/2016 14:14	02/02/2016 22:25	SR
62-53-3	Aniline	ND		ug/kg dry	1160	2320	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:25	SR
120-12-7	Anthracene	ND		ug/kg dry	291	580	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:25	SR
1912-24-9	Atrazine	ND		ug/kg dry	291	580	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	02/01/2016 14:14	02/02/2016 22:25	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	291	580	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	02/01/2016 14:14	02/02/2016 22:25	SR
92-87-5	Benzidine	ND		ug/kg dry	1160	2320	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854	02/01/2016 14:14	02/02/2016 22:25	SR
56-55-3	Benzo(a)anthracene	1100		ug/kg dry	291	580	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:25	SR
50-32-8	Benzo(a)pyrene	389	J	ug/kg dry	291	580	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:25	SR
205-99-2	Benzo(b)fluoranthene	723		ug/kg dry	291	580	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:25	SR
191-24-2	Benzo(g,h,i)perylene	ND	IS-06	ug/kg dry	291	580	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:25	SR
207-08-9	Benzo(k)fluoranthene	487	J	ug/kg dry	291	580	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:25	SR
65-85-0	Benzoic acid	ND		ug/kg dry	291	580	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	02/01/2016 14:14	02/02/2016 22:25	SR



Sample Information

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York Project (SDG) No.

16A0788

Client Project ID

15-004

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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-51-6	Benzyl alcohol	ND		ug/kg dry	291	580	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:25	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	291	580	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:25	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	291	580	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:25	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	291	580	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:25	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	291	580	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:25	SR
117-81-7	Bis(2-ethylhexyl)phthalate	681		ug/kg dry	291	580	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:25	SR
105-60-2	Caprolactam	ND		ug/kg dry	580	1160	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	02/01/2016 14:14	02/02/2016 22:25	SR
86-74-8	Carbazole	ND		ug/kg dry	291	580	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:25	SR
218-01-9	Chrysene	2010		ug/kg dry	291	580	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:25	SR
53-70-3	Dibenzo(a,h)anthracene	ND	IS-06	ug/kg dry	291	580	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:25	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	291	580	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2016 14:14	02/02/2016 22:25	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	291	580	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:25	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	291	580	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:25	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	291	580	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:25	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	291	580	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:25	SR
206-44-0	Fluoranthene	ND		ug/kg dry	291	580	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:25	SR
86-73-7	Fluorene	ND		ug/kg dry	291	580	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:25	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	291	580	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:25	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	291	580	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:25	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	291	580	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:25	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	291	580	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:25	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND	IS-06	ug/kg dry	291	580	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:25	SR



Sample Information

Client Sample ID: Con Pipe G 12716

York Sample ID: 16A0788-05

York Project (SDG) No.

16A0788

Client Project ID

15-004

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January 27, 2016 11:40 am

Date Received

01/27/2016

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-59-1	Isophorone	ND		ug/kg dry	291	580	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:25	SR
91-20-3	Naphthalene	ND		ug/kg dry	291	580	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2016 14:14	02/02/2016 22:25	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	291	580	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:25	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	291	580	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2016 14:14	02/02/2016 22:25	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	291	580	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:25	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	291	580	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2016 14:14	02/02/2016 22:25	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	291	580	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:25	SR
85-01-8	Phenanthrene	ND		ug/kg dry	291	580	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:25	SR
108-95-2	Phenol	ND		ug/kg dry	291	580	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:25	SR
129-00-0	Pyrene	ND		ug/kg dry	291	580	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 22:25	SR
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: 2-Fluorophenol	36.6 %		20-108							
4165-62-2	Surrogate: Phenol-d5	38.9 %		23-114							
4165-60-0	Surrogate: Nitrobenzene-d5	37.0 %		22-108							
321-60-8	Surrogate: 2-Fluorobiphenyl	55.8 %		21-113							
118-79-6	Surrogate: 2,4,6-Tribromophenol	13.4 %		19-110							
1718-51-0	Surrogate: Terphenyl-d14	60.7 %		24-116							

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		mg/L	0.00679	0.0105	1	EPA 8270D/1311 Certifications: NELAC-NY10854	02/02/2016 14:20	02/03/2016 11:29	SR
95-95-4	2,4,5-Trichlorophenol	ND		mg/L	0.00760	0.0105	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 14:20	02/03/2016 11:29	SR
88-06-2	2,4,6-Trichlorophenol	ND		mg/L	0.00689	0.0105	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 14:20	02/03/2016 11:29	SR
121-14-2	2,4-Dinitrotoluene	ND		mg/L	0.00498	0.0105	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 14:20	02/03/2016 11:29	SR
95-48-7	2-Methylphenol	ND		mg/L	0.00180	0.0105	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 14:20	02/03/2016 11:29	SR
65794-96-9	3- & 4-Methylphenols	ND		mg/L	0.00782	0.0211	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 14:20	02/03/2016 11:29	SR



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Semi-Volatiles, TCLP RCRA Target List

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1319-77-3	Cresols, total	ND		mg/L	0.00779	0.0316	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854	02/02/2016 14:20	02/03/2016 11:29	SR
118-74-1	Hexachlorobenzene	ND		mg/L	0.00622	0.0105	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 14:20	02/03/2016 11:29	SR
87-68-3	Hexachlorobutadiene	ND		mg/L	0.00697	0.0105	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 14:20	02/03/2016 11:29	SR
67-72-1	Hexachloroethane	ND		mg/L	0.00764	0.0105	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 14:20	02/03/2016 11:29	SR
98-95-3	Nitrobenzene	ND		mg/L	0.00414	0.0105	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 14:20	02/03/2016 11:29	SR
87-86-5	Pentachlorophenol	ND		mg/L	0.00792	0.0105	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 14:20	02/03/2016 11:29	SR
110-86-1	Pyridine	ND		mg/L	0.00671	0.0105	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 14:20	02/03/2016 11:29	SR
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	57.0 %			10-65						
4165-62-2	Surrogate: Phenol-d5	44.3 %			10-49						
4165-60-0	Surrogate: Nitrobenzene-d5	89.3 %			10-96						
321-60-8	Surrogate: 2-Fluorobiphenyl	60.4 %			10-93						
118-79-6	Surrogate: 2,4,6-Tribromophenol	96.9 %			10-128						
1718-51-0	Surrogate: Terphenyl-d14	66.2 %			10-100						

Polychlorinated Biphenyls (PCB)

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.193	0.193	10	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/01/2016 06:41	02/02/2016 13:39	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.193	0.193	10	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/01/2016 06:41	02/02/2016 13:39	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.193	0.193	10	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/01/2016 06:41	02/02/2016 13:39	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.193	0.193	10	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/01/2016 06:41	02/02/2016 13:39	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.193	0.193	10	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/01/2016 06:41	02/02/2016 13:39	AMC
11097-69-1	Aroclor 1254	3.91		mg/kg dry	0.193	0.193	10	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/01/2016 06:41	02/02/2016 13:39	AMC
11096-82-5	Aroclor 1260	0.894		mg/kg dry	0.193	0.193	10	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/01/2016 06:41	02/02/2016 13:39	AMC
1336-36-3	* Total PCBs	4.80		mg/kg dry	0.193	0.193	10	EPA 8082A Certifications:	02/01/2016 06:41	02/02/2016 13:39	AMC
Surrogate Recoveries		Result			Acceptance Range						



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Polychlorinated Biphenyls (PCB)

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
877-09-8	Surrogate: Tetrachloro-m-xylene	119 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	91.8 %			30-140						

Alcohols, C1-C3 Targets

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-56-1	* Methanol	80.4		mg/kg dry	2.32	2.32	1	EPA 8015D m Certifications:	02/02/2016 16:11	02/03/2016 13:34	RB

Glycols, Target List

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-21-1	* Ethylene Glycol	ND		mg/kg dry	290	290	1	GC/FID Certifications:	02/02/2016 16:09	02/02/2016 22:05	RB

Beryllium by EPA 6010

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	Beryllium	ND		mg/kg dry	0.290	0.290	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2016 12:10	02/01/2016 17:05	KV

Copper by EPA 6010

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	824		mg/kg dry	1.45	1.45	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2016 12:10	02/01/2016 17:05	KV

Copper, TCLP by EPA 6010

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	0.0437	B	mg/L	0.0150	0.0150	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 13:51	02/03/2016 03:47	KV

Metals, RCRA

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/kg dry	2.90	2.90	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 12:10	02/01/2016 17:05	KV



Sample Information

Client Sample ID: Con Pipe G 12716

York Sample ID: 16A0788-05

York Project (SDG) No.

16A0788

Client Project ID

15-004

Matrix

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January 27, 2016 11:40 am

Date Received

01/27/2016

Metals, RCRA

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	Barium	643		mg/kg dry	2.90	2.90	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 12:10	02/01/2016 17:05	KV
7440-43-9	Cadmium	3.46		mg/kg dry	0.869	0.869	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 12:10	02/01/2016 17:05	KV
7440-47-3	Chromium	18200		mg/kg dry	1.45	1.45	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 12:10	02/01/2016 17:05	KV
7439-92-1	Lead	124000		mg/kg dry	0.869	0.869	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 12:10	02/01/2016 17:05	KV
7782-49-2	Selenium	ND		mg/kg dry	2.90	2.90	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 12:10	02/01/2016 17:05	KV
7440-22-4	Silver	334		mg/kg dry	1.45	1.45	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 12:10	02/01/2016 17:05	KV

Metals, TCLP RCRA

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.020	0.020	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 13:51	02/03/2016 03:47	KV
7440-39-3	Barium	0.805		mg/L	0.050	0.050	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 13:51	02/03/2016 03:47	KV
7440-43-9	Cadmium	0.054		mg/L	0.015	0.015	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 13:51	02/03/2016 03:47	KV
7440-47-3	Chromium	0.037		mg/L	0.025	0.025	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 13:51	02/03/2016 03:47	KV
7439-92-1	Lead	84.5		mg/L	0.015	0.015	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 13:51	02/03/2016 03:47	KV
7782-49-2	Selenium	ND		mg/L	0.050	0.050	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 13:51	02/03/2016 03:47	KV
7440-22-4	Silver	ND		mg/L	0.025	0.025	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 13:51	02/03/2016 03:47	KV

Nickel by EPA 6010

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	1060		mg/kg dry	1.45	1.45	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 12:10	02/01/2016 17:05	KV

Nickel, TCLP by EPA 6010

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	ND		mg/L	0.0250	0.0250	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 13:51	02/03/2016 03:47	KV

Vanadium by EPA 6010

Log-in Notes: VOA-CONT

Sample Notes:



Sample Information

Client Sample ID: Con Pipe G 12716

York Sample ID: 16A0788-05

York Project (SDG) No.

16A0788

Client Project ID

15-004

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Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-62-2	Vanadium	ND		mg/kg dry	2.90	2.90	1	EPA 6010C	02/01/2016 12:10	02/01/2016 17:05	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP											

Zinc by EPA 6010

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	1790		mg/kg dry	2.90	2.90	1	EPA 6010C	02/01/2016 12:10	02/01/2016 17:05	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP											

Zinc, TCLP by EPA 6010

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	32.1		mg/L	0.0500	0.0500	1	EPA 6010C/1311	02/02/2016 13:51	02/03/2016 03:47	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											

Mercury by 7470/7471

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.555		mg/kg dry	0.0382	0.0382	1	EPA 7471B	02/02/2016 15:37	02/02/2016 15:37	AA
Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP											

Mercury, TCLP

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.00288		mg/L	0.0000390	0.000200	1	EPA 7470/1311	02/02/2016 15:33	02/02/2016 15:33	AA
Certifications: CTDOH,NJDEP,PADEP,NELAC-NY10854											

Ignitability

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Ignitability	Non-Ignit.		-	1	1	1	EPA 1030P	02/02/2016 22:53	02/03/2016 15:27	AA
Certifications: CTDOH,PADEP											

Total Solids

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	86.3		%	0.100	0.100	1	SM 2540G	02/01/2016 11:34	02/02/2016 11:42	CLS
Certifications: CTDOH											

Chromium, Hexavalent

Log-in Notes: VOA-CONT

Sample Notes:



Sample Information

Client Sample ID: Con Pipe G 12716

York Sample ID: 16A0788-05

York Project (SDG) No.

16A0788

Client Project ID

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Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	2.03	2.90	1	EPA 7196A	02/02/2016 08:07	02/02/2016 14:58	SC
Certifications: NJDEP,CTDOH,NELAC-NY10854											

Corrosivity

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	6.98	HT-pH	pH units		0.500	1	EPA 9045D	02/03/2016 11:59	02/03/2016 15:09	CLS
Certifications: NELAC-NY10854,CTDOH,PADEP											

Cyanide, Total

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	21.4		mg/kg dry	1.16	1.16	1	EPA 9014/9010C	02/02/2016 10:42	02/02/2016 15:18	AD
Certifications: NELAC-NY10854,CTDOH,NJDEP											

Reactivity-Cyanide

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Cyanide	ND		mg/kg	0.250	0.250	1	EPA SW-846 Ch.7.3.3	02/03/2016 12:02	02/03/2016 15:56	AD
Certifications: CTDOH,PADEP											

Reactivity-Sulfide

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Sulfide	ND		mg/kg	15.0	15.0	1	EPA SW-846 Ch.7.3.4	02/03/2016 12:10	02/03/2016 15:57	AD
Certifications: CTDOH,PADEP											

TCLP Extraction for METALS EPA 1311

Log-in Notes: VOA-CONT

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	02/01/2016 17:29	02/02/2016 14:50	CLS
Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP											

TCLP Extraction for SVOCS/PEST/HERB

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	02/01/2016 17:32	02/02/2016 14:50	CLS
Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP											

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

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



Sample Information

Client Sample ID: Con Pipe G 12716

York Sample ID: 16A0788-05

York Project (SDG) No.

Client Project ID

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TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		%	1.00	1.00	1	EPA 1311	02/01/2016 17:33	02/02/2016 14:51	CLS
								Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: Con Pipe C 12716

York Sample ID: 16A0788-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

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01/27/2016

Volatile Organics, 8260 - Comprehensive

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5035A

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/kg dry	280	560	100	EPA 8260C	02/03/2016 09:45	02/03/2016 13:45	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	280	560	100	EPA 8260C	02/03/2016 09:45	02/03/2016 13:45	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	280	560	100	EPA 8260C	02/03/2016 09:45	02/03/2016 13:45	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	280	560	100	EPA 8260C	02/03/2016 09:45	02/03/2016 13:45	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	280	560	100	EPA 8260C	02/03/2016 09:45	02/03/2016 13:45	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	280	560	100	EPA 8260C	02/03/2016 09:45	02/03/2016 13:45	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	280	560	100	EPA 8260C	02/03/2016 09:45	02/03/2016 13:45	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	280	560	100	EPA 8260C	02/03/2016 09:45	02/03/2016 13:45	BK
								Certifications: NELAC-NY10854,NJDEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	280	560	100	EPA 8260C	02/03/2016 09:45	02/03/2016 13:45	BK
								Certifications: NELAC-NY10854,NJDEP			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	280	560	100	EPA 8260C	02/03/2016 09:45	02/03/2016 13:45	BK
								Certifications: NELAC-NY10854,NJDEP			
95-63-6	1,2,4-Trimethylbenzene	630		ug/kg dry	280	560	100	EPA 8260C	02/03/2016 09:45	02/03/2016 13:45	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	280	560	100	EPA 8260C	02/03/2016 09:45	02/03/2016 13:45	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	280	560	100	EPA 8260C	02/03/2016 09:45	02/03/2016 13:45	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	280	560	100	EPA 8260C	02/03/2016 09:45	02/03/2016 13:45	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			



Sample Information

Client Sample ID: Con Pipe C 12716

York Sample ID: 16A0788-06

York Project (SDG) No.

16A0788

Client Project ID

15-004

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Date Received

01/27/2016

Volatile Organics, 8260 - Comprehensive

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	280	560	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:45	02/03/2016 13:45	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	280	560	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:45	02/03/2016 13:45	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	280	560	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:45	02/03/2016 13:45	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	280	560	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:45	02/03/2016 13:45	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	280	560	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:45	02/03/2016 13:45	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	5600	11000	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/03/2016 09:45	02/03/2016 13:45	BK
78-93-3	2-Butanone	ND		ug/kg dry	280	560	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:45	02/03/2016 13:45	BK
591-78-6	2-Hexanone	ND		ug/kg dry	280	560	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:45	02/03/2016 13:45	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	280	560	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:45	02/03/2016 13:45	BK
67-64-1	Acetone	ND		ug/kg dry	560	1100	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:45	02/03/2016 13:45	BK
107-02-8	Acrolein	ND		ug/kg dry	560	1100	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:45	02/03/2016 13:45	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	280	560	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:45	02/03/2016 13:45	BK
71-43-2	Benzene	ND		ug/kg dry	280	560	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:45	02/03/2016 13:45	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	280	560	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/03/2016 09:45	02/03/2016 13:45	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	280	560	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:45	02/03/2016 13:45	BK
75-25-2	Bromoform	ND		ug/kg dry	280	560	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:45	02/03/2016 13:45	BK
74-83-9	Bromomethane	ND		ug/kg dry	280	560	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:45	02/03/2016 13:45	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	280	560	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:45	02/03/2016 13:45	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	280	560	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:45	02/03/2016 13:45	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	280	560	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:45	02/03/2016 13:45	BK
75-00-3	Chloroethane	ND		ug/kg dry	280	560	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:45	02/03/2016 13:45	BK
67-66-3	Chloroform	ND		ug/kg dry	280	560	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:45	02/03/2016 13:45	BK



Sample Information

Client Sample ID: Con Pipe C 12716

York Sample ID: 16A0788-06

York Project (SDG) No.

16A0788

Client Project ID

15-004

Matrix

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January 27, 2016 11:50 am

Date Received

01/27/2016

Volatile Organics, 8260 - Comprehensive

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/kg dry	280	560	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:45	02/03/2016 13:45	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	280	560	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:45	02/03/2016 13:45	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	280	560	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:45	02/03/2016 13:45	BK
110-82-7	Cyclohexane	ND		ug/kg dry	280	560	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/03/2016 09:45	02/03/2016 13:45	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	280	560	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:45	02/03/2016 13:45	BK
74-95-3	Dibromomethane	ND		ug/kg dry	280	560	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/03/2016 09:45	02/03/2016 13:45	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	280	560	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/03/2016 09:45	02/03/2016 13:45	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	280	560	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:45	02/03/2016 13:45	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	280	560	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/03/2016 09:45	02/03/2016 13:45	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	280	560	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:45	02/03/2016 13:45	BK
79-20-9	Methyl acetate	ND		ug/kg dry	280	560	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/03/2016 09:45	02/03/2016 13:45	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	280	560	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:45	02/03/2016 13:45	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	280	560	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/03/2016 09:45	02/03/2016 13:45	BK
75-09-2	Methylene chloride	ND		ug/kg dry	560	1100	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:45	02/03/2016 13:45	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	280	560	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:45	02/03/2016 13:45	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	280	560	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:45	02/03/2016 13:45	BK
95-47-6	o-Xylene	ND		ug/kg dry	280	560	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/03/2016 09:45	02/03/2016 13:45	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	560	1100	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/03/2016 09:45	02/03/2016 13:45	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	280	560	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:45	02/03/2016 13:45	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	280	560	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:45	02/03/2016 13:45	BK
100-42-5	Styrene	ND		ug/kg dry	280	560	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:45	02/03/2016 13:45	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	560	1100	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/03/2016 09:45	02/03/2016 13:45	BK



Sample Information

Client Sample ID: Con Pipe C 12716

York Sample ID: 16A0788-06

York Project (SDG) No.

16A0788

Client Project ID

15-004

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January 27, 2016 11:50 am

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01/27/2016

Volatile Organics, 8260 - Comprehensive

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/kg dry	280	560	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:45	02/03/2016 13:45	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	280	560	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:45	02/03/2016 13:45	BK
108-88-3	Toluene	ND		ug/kg dry	280	560	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:45	02/03/2016 13:45	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	280	560	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/03/2016 09:45	02/03/2016 13:45	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	280	560	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:45	02/03/2016 13:45	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	280	560	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:45	02/03/2016 13:45	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	280	560	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:45	02/03/2016 13:45	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	280	560	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:45	02/03/2016 13:45	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	840	1700	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 09:45	02/03/2016 13:45	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	93.8 %	77-125								
2037-26-5	Surrogate: Toluene-d8	99.7 %	85-120								
460-00-4	Surrogate: p-Bromofluorobenzene	93.5 %	76-130								

Volatile Organics, TCLP RCRA List

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 11:04	02/03/2016 13:24	SS
107-06-2	1,2-Dichloroethane	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 11:04	02/03/2016 13:24	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 11:04	02/03/2016 13:24	SS
78-93-3	2-Butanone	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 11:04	02/03/2016 13:24	SS
71-43-2	Benzene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 11:04	02/03/2016 13:24	SS
56-23-5	Carbon tetrachloride	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 11:04	02/03/2016 13:24	SS
108-90-7	Chlorobenzene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 11:04	02/03/2016 13:24	SS
67-66-3	Chloroform	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 11:04	02/03/2016 13:24	SS



Sample Information

Client Sample ID: Con Pipe C 12716

York Sample ID: 16A0788-06

York Project (SDG) No.

16A0788

Client Project ID

15-004

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Volatile Organics, TCLP RCRA List

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 11:04	02/03/2016 13:24	SS
79-01-6	Trichloroethylene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 11:04	02/03/2016 13:24	SS
75-01-4	Vinyl Chloride	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/03/2016 11:04	02/03/2016 13:24	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	110 %			65-135						
460-00-4	Surrogate: p-Bromofluorobenzene	91.4 %			81-114						
2037-26-5	Surrogate: Toluene-d8	102 %			86-118						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	281	560	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	02/01/2016 14:14	02/02/2016 21:55	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	560	1120	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	02/01/2016 14:14	02/02/2016 21:55	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	281	560	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 21:55	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	281	560	2	EPA 8270D Certifications: NELAC-NY10854	02/01/2016 14:14	02/02/2016 21:55	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	281	560	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	02/01/2016 14:14	02/02/2016 21:55	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	281	560	2	EPA 8270D Certifications: NELAC-NY10854	02/01/2016 14:14	02/02/2016 21:55	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	281	560	2	EPA 8270D Certifications: NELAC-NY10854	02/01/2016 14:14	02/02/2016 21:55	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	560	1120	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	02/01/2016 14:14	02/02/2016 21:55	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	281	560	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2016 14:14	02/02/2016 21:55	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	281	560	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 21:55	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	281	560	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 21:55	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	281	560	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 21:55	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	560	1120	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 21:55	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	281	560	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 21:55	SR



Sample Information

Client Sample ID: Con Pipe C 12716

York Sample ID: 16A0788-06

York Project (SDG) No.

16A0788

Client Project ID

15-004

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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	281	560	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 21:55	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	281	560	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 21:55	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	281	560	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 21:55	SR
91-57-6	2-Methylnaphthalene	452	J	ug/kg dry	281	560	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2016 14:14	02/02/2016 21:55	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	281	560	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 21:55	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	560	1120	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 21:55	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	281	560	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 21:55	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	281	560	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2016 14:14	02/02/2016 21:55	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	281	560	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 21:55	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	560	1120	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 21:55	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	560	1120	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2016 14:14	02/02/2016 21:55	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	281	560	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 21:55	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	281	560	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 21:55	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	281	560	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 21:55	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	281	560	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 21:55	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	560	1120	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 21:55	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	560	1120	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 21:55	SR
83-32-9	Acenaphthene	ND		ug/kg dry	281	560	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 21:55	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	281	560	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 21:55	SR
98-86-2	Acetophenone	ND		ug/kg dry	281	560	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	02/01/2016 14:14	02/02/2016 21:55	SR
62-53-3	Aniline	ND		ug/kg dry	1120	2240	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 21:55	SR
120-12-7	Anthracene	ND		ug/kg dry	281	560	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 21:55	SR



Sample Information

Client Sample ID: Con Pipe C 12716

York Sample ID: 16A0788-06

York Project (SDG) No.

16A0788

Client Project ID

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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1912-24-9	Atrazine	ND		ug/kg dry	281	560	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	02/01/2016 14:14	02/02/2016 21:55	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	281	560	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	02/01/2016 14:14	02/02/2016 21:55	SR
92-87-5	Benzidine	ND		ug/kg dry	1120	2240	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854	02/01/2016 14:14	02/02/2016 21:55	SR
56-55-3	Benzo(a)anthracene	394	J	ug/kg dry	281	560	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 21:55	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	281	560	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 21:55	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	281	560	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 21:55	SR
191-24-2	Benzo(g,h,i)perylene	ND	IS-06	ug/kg dry	281	560	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 21:55	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	281	560	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 21:55	SR
65-85-0	Benzoic acid	ND		ug/kg dry	281	560	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	02/01/2016 14:14	02/02/2016 21:55	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	281	560	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 21:55	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	281	560	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 21:55	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	281	560	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 21:55	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	281	560	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 21:55	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	281	560	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 21:55	SR
117-81-7	Bis(2-ethylhexyl)phthalate	725		ug/kg dry	281	560	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 21:55	SR
105-60-2	Caprolactam	ND		ug/kg dry	560	1120	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	02/01/2016 14:14	02/02/2016 21:55	SR
86-74-8	Carbazole	ND		ug/kg dry	281	560	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 21:55	SR
218-01-9	Chrysene	595		ug/kg dry	281	560	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 21:55	SR
53-70-3	Dibenzo(a,h)anthracene	ND	IS-06	ug/kg dry	281	560	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 21:55	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	281	560	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2016 14:14	02/02/2016 21:55	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	281	560	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 21:55	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	281	560	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 21:55	SR



Sample Information

Client Sample ID: Con Pipe C 12716

York Sample ID: 16A0788-06

York Project (SDG) No.

16A0788

Client Project ID

15-004

Matrix

Solid

Collection Date/Time

January 27, 2016 11:50 am

Date Received

01/27/2016

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	281	560	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 21:55	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	281	560	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 21:55	SR
206-44-0	Fluoranthene	1030		ug/kg dry	281	560	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 21:55	SR
86-73-7	Fluorene	ND		ug/kg dry	281	560	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 21:55	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	281	560	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 21:55	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	281	560	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 21:55	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	281	560	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 21:55	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	281	560	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 21:55	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND	IS-06	ug/kg dry	281	560	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 21:55	SR
78-59-1	Isophorone	ND		ug/kg dry	281	560	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 21:55	SR
91-20-3	Naphthalene	ND		ug/kg dry	281	560	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2016 14:14	02/02/2016 21:55	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	281	560	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 21:55	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	281	560	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2016 14:14	02/02/2016 21:55	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	281	560	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 21:55	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	281	560	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2016 14:14	02/02/2016 21:55	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	281	560	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 21:55	SR
85-01-8	Phenanthrene	ND		ug/kg dry	281	560	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 21:55	SR
108-95-2	Phenol	ND		ug/kg dry	281	560	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 21:55	SR
129-00-0	Pyrene	1010		ug/kg dry	281	560	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 14:14	02/02/2016 21:55	SR
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	38.9 %	20-108								
4165-62-2	Surrogate: Phenol-d5	38.4 %	23-114								
4165-60-0	Surrogate: Nitrobenzene-d5	37.3 %	22-108								
321-60-8	Surrogate: 2-Fluorobiphenyl	53.5 %	21-113								
118-79-6	Surrogate: 2,4,6-Tribromophenol	38.0 %	19-110								



Sample Information

Client Sample ID: Con Pipe C 12716

York Sample ID: 16A0788-06

York Project (SDG) No.

16A0788

Client Project ID

15-004

Matrix

Solid

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January 27, 2016 11:50 am

Date Received

01/27/2016

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1718-51-0	Surrogate: Terphenyl-d14	61.4 %			24-116						

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		mg/L	0.00717	0.0111	1	EPA 8270D/1311 Certifications: NELAC-NY10854	02/02/2016 14:20	02/03/2016 12:01	SR
95-95-4	2,4,5-Trichlorophenol	ND		mg/L	0.00802	0.0111	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 14:20	02/03/2016 12:01	SR
88-06-2	2,4,6-Trichlorophenol	ND		mg/L	0.00727	0.0111	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 14:20	02/03/2016 12:01	SR
121-14-2	2,4-Dinitrotoluene	ND		mg/L	0.00526	0.0111	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 14:20	02/03/2016 12:01	SR
95-48-7	2-Methylphenol	ND		mg/L	0.00190	0.0111	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 14:20	02/03/2016 12:01	SR
65794-96-9	3- & 4-Methylphenols	ND		mg/L	0.00826	0.0222	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 14:20	02/03/2016 12:01	SR
1319-77-3	Cresols, total	ND		mg/L	0.00822	0.0333	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854	02/02/2016 14:20	02/03/2016 12:01	SR
118-74-1	Hexachlorobenzene	ND		mg/L	0.00657	0.0111	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 14:20	02/03/2016 12:01	SR
87-68-3	Hexachlorobutadiene	ND		mg/L	0.00735	0.0111	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 14:20	02/03/2016 12:01	SR
67-72-1	Hexachloroethane	ND		mg/L	0.00807	0.0111	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 14:20	02/03/2016 12:01	SR
98-95-3	Nitrobenzene	ND		mg/L	0.00437	0.0111	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 14:20	02/03/2016 12:01	SR
87-86-5	Pentachlorophenol	ND		mg/L	0.00836	0.0111	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 14:20	02/03/2016 12:01	SR
110-86-1	Pyridine	ND		mg/L	0.00708	0.0111	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 14:20	02/03/2016 12:01	SR

Surrogate Recoveries		Result	Acceptance Range
367-12-4	Surrogate: 2-Fluorophenol	54.2 %	10-65
4165-62-2	Surrogate: Phenol-d5	44.0 %	10-49
4165-60-0	Surrogate: Nitrobenzene-d5	101 %	10-96
321-60-8	Surrogate: 2-Fluorobiphenyl	60.2 %	10-93
118-79-6	Surrogate: 2,4,6-Tribromophenol	98.2 %	10-128
1718-51-0	Surrogate: Terphenyl-d14	66.8 %	10-100

Polychlorinated Biphenyls (PCB)

Log-in Notes: VOA-CONT

Sample Notes:



Sample Information

Client Sample ID: Con Pipe C 12716

York Sample ID: 16A0788-06

York Project (SDG) No.
16A0788

Client Project ID
15-004

Matrix
Solid

Collection Date/Time
January 27, 2016 11:50 am

Date Received
01/27/2016

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.112	0.112	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/01/2016 06:41	02/02/2016 06:44	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.112	0.112	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/01/2016 06:41	02/02/2016 06:44	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.112	0.112	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/01/2016 06:41	02/02/2016 06:44	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.112	0.112	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/01/2016 06:41	02/02/2016 06:44	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.112	0.112	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/01/2016 06:41	02/02/2016 06:44	AMC
11097-69-1	Aroclor 1254	1.58		mg/kg dry	0.112	0.112	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/01/2016 06:41	02/02/2016 06:44	AMC
11096-82-5	Aroclor 1260	0.395		mg/kg dry	0.112	0.112	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/01/2016 06:41	02/02/2016 06:44	AMC
1336-36-3	* Total PCBs	1.98		mg/kg dry	0.112	0.112	1	EPA 8082A Certifications:	02/01/2016 06:41	02/02/2016 06:44	AMC
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	76.6 %	30-140								
2051-24-3	Surrogate: Decachlorobiphenyl	72.9 %	30-140								

Alcohols, C1-C3 Targets

Log-in Notes: VOA-CONT Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-56-1	* Methanol	9.69		mg/kg dry	2.24	2.24	1	EPA 8015D m Certifications:	02/02/2016 16:11	02/03/2016 13:55	RB

Glycols, Target List

Log-in Notes: VOA-CONT Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-21-1	* Ethylene Glycol	ND		mg/kg dry	280	280	1	GC/FID Certifications:	02/02/2016 16:09	02/02/2016 22:26	RB

Beryllium by EPA 6010

Log-in Notes: VOA-CONT Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	Beryllium	ND		mg/kg dry	0.280	0.280	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2016 12:10	02/01/2016 17:13	KV

Copper by EPA 6010

Log-in Notes: VOA-CONT Sample Notes:

Sample Prepared by Method: EPA 3050B

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



Sample Information

Client Sample ID: Con Pipe C 12716

York Sample ID: 16A0788-06

York Project (SDG) No.

16A0788

Client Project ID

15-004

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Copper by EPA 6010

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	568		mg/kg dry	1.40	1.40	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2016 12:10	02/01/2016 17:13	KV

Copper, TCLP by EPA 6010

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	0.0465	B	mg/L	0.0150	0.0150	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 13:51	02/03/2016 03:55	KV

Metals, RCRA

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/kg dry	2.80	2.80	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 12:10	02/01/2016 17:13	KV
7440-39-3	Barium	436		mg/kg dry	2.80	2.80	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 12:10	02/01/2016 17:13	KV
7440-43-9	Cadmium	25.5		mg/kg dry	0.839	0.839	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 12:10	02/01/2016 17:13	KV
7440-47-3	Chromium	4010		mg/kg dry	1.40	1.40	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 12:10	02/01/2016 17:13	KV
7439-92-1	Lead	28100		mg/kg dry	0.839	0.839	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 12:10	02/01/2016 17:13	KV
7782-49-2	Selenium	4.92		mg/kg dry	2.80	2.80	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 12:10	02/01/2016 17:13	KV
7440-22-4	Silver	66.1		mg/kg dry	1.40	1.40	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 12:10	02/01/2016 17:13	KV

Metals, TCLP RCRA

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.020	0.020	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 13:51	02/03/2016 03:55	KV
7440-39-3	Barium	0.876		mg/L	0.050	0.050	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 13:51	02/03/2016 03:55	KV
7440-43-9	Cadmium	0.140		mg/L	0.015	0.015	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 13:51	02/03/2016 03:55	KV
7440-47-3	Chromium	0.045		mg/L	0.025	0.025	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 13:51	02/03/2016 03:55	KV
7439-92-1	Lead	247		mg/L	0.015	0.015	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 13:51	02/03/2016 03:55	KV
7782-49-2	Selenium	ND		mg/L	0.050	0.050	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	02/02/2016 13:51	02/03/2016 03:55	KV
7440-22-4	Silver	ND		mg/L	0.025	0.025	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 13:51	02/03/2016 03:55	KV



Sample Information

Client Sample ID: Con Pipe C 12716

York Sample ID: 16A0788-06

York Project (SDG) No.
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15-004

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January 27, 2016 11:50 am

Date Received
01/27/2016

Nickel by EPA 6010

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	363		mg/kg dry	1.40	1.40	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/01/2016 12:10	02/01/2016 17:13	KV

Nickel, TCLP by EPA 6010

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	0.0680		mg/L	0.0250	0.0250	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 13:51	02/03/2016 03:55	KV

Vanadium by EPA 6010

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-62-2	Vanadium	39.2		mg/kg dry	2.80	2.80	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2016 12:10	02/01/2016 17:13	KV

Zinc by EPA 6010

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	22700		mg/kg dry	2.80	2.80	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/01/2016 12:10	02/01/2016 17:13	KV

Zinc, TCLP by EPA 6010

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	135		mg/L	0.0500	0.0500	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2016 13:51	02/03/2016 03:55	KV

Mercury by 7470/7471

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.568		mg/kg dry	0.0369	0.0369	1	EPA 7471B Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/02/2016 15:37	02/02/2016 15:37	AA

Mercury, TCLP

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.00305		mg/L	0.0000390	0.000200	1	EPA 7470/1311 Certifications: CTDOH,NJDEP,PADEP,NELAC-NY10854	02/02/2016 15:33	02/02/2016 15:33	AA

Ignitability

Log-in Notes: VOA-CONT

Sample Notes:



Sample Information

Client Sample ID: Con Pipe C 12716

York Sample ID: 16A0788-06

York Project (SDG) No.

16A0788

Client Project ID

15-004

Matrix

Solid

Collection Date/Time

January 27, 2016 11:50 am

Date Received

01/27/2016

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Ignitability	Non-Ignit.		-	1	1	1	EPA 1030P Certifications: CTDOH,PADEP	02/02/2016 22:53	02/03/2016 15:27	AA

Total Solids

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	89.4		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/01/2016 11:34	02/02/2016 11:42	CLS

Chromium, Hexavalent

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	13.4		mg/kg dry	1.96	2.80	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854	02/02/2016 08:07	02/02/2016 14:58	SC

Corrosivity

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	5.78	HT-pH	pH units		0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP	02/03/2016 11:59	02/03/2016 15:09	CLS

Cyanide, Total

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	14.1		mg/kg dry	1.12	1.12	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP	02/02/2016 10:42	02/02/2016 15:18	AD

Reactivity-Cyanide

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Cyanide	ND		mg/kg	0.250	0.250	1	EPA SW-846 Ch.7.3.3 Certifications: CTDOH,PADEP	02/03/2016 12:02	02/03/2016 15:56	AD

Reactivity-Sulfide

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Sulfide	ND		mg/kg	15.0	15.0	1	EPA SW-846 Ch.7.3.4 Certifications: CTDOH,PADEP	02/03/2016 12:10	02/03/2016 15:57	AD

TCLP Extraction for METALS EPA 1311

Log-in Notes: VOA-CONT

Sample Notes:



Sample Information

Client Sample ID: Con Pipe C 12716

York Sample ID: 16A0788-06

York Project (SDG) No.

16A0788

Client Project ID

15-004

Matrix

Solid

Collection Date/Time

January 27, 2016 11:50 am

Date Received

01/27/2016

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	02/01/2016 17:29	02/02/2016 14:50	CLS
Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP											

TCLP Extraction for SVOCS/PEST/HERB

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for SVOA/PEST/HERBS

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	02/01/2016 17:32	02/02/2016 14:50	CLS
Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP											

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		%	1.00	1.00	1	EPA 1311	02/01/2016 17:33	02/02/2016 14:51	CLS
Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP											



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
16A0788-01	Chalk 12716	40mL 01_Clear Vial Cool to 4° C
16A0788-01	Chalk 12716	40mL Vial with Stir Bar-Cool 4° C
16A0788-02	D5 12716	40mL 01_Clear Vial Cool to 4° C
16A0788-02	D5 12716	40mL Vial with Stir Bar-Cool 4° C
16A0788-03	D4 12716	40mL 01_Clear Vial Cool to 4° C
16A0788-03	D4 12716	40mL Vial with Stir Bar-Cool 4° C
16A0788-04	LNAPL 12716	1000mL WM Clear Glass Cool to 4° C
16A0788-04	LNAPL 12716	40mL 01_Clear Vial Cool to 4° C
16A0788-05	Con Pipe G 12716	8 oz. WM Clear Glass Cool to 4° C
16A0788-05	Con Pipe G 12716	40mL 01_Clear Vial Cool to 4° C
16A0788-06	Con Pipe C 12716	8 oz. WM Clear Glass Cool to 4° C
16A0788-06	Con Pipe C 12716	40mL 01_Clear Vial Cool to 4° C



Notes and Definitions

VOA-CONT	NON-COMPLIANT- the container(s) provided by the client for soil volatiles do not meet the requirements of EPA SW846-5035A. Results reported below 200 ug/kg may be biased low due to samples not being collected according to EPA SW846 5035A requirements.
SCAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%).
S-08	The recovery of this surrogate was outside of QC limits.
S-01	The surrogate recovery for this sample may not be available due to sample dilution required from high analyte concentration and/or matrix interferences.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
M-DB	Analyte in Method Blank >MDL. Sample conc. >10 X blank conc.
M-ACCB	Analyte in CCB. Run is bracketed by acceptable CCBs.
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.
IS-06	Internal standard perylene-d12 did not meet acceptance criteria. The sample was reanalyzed to confirm matrix interference. Compounds affected are: Benzo(g,h,i)perylene, Dibenzo(a,h)anthracene and Indeno(1,2,3-cd)pyrene.
IGN-01	Non-Ignit.
HT-pH	HOLDING TIME EXCEEDED. Samples for pH must be measured in the field or within 15 minutes of sample collection.
EXT-COMP	Completed
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.
*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.



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

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

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

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Field Chain-of-Custody Record

Page 1 of 1

York Project No. 16A0788

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 Company: SCE Environmental Address: 1380 Mount Cobb Road Lake Ariel, PA 18436 Phone No. (570) 383-4151 Contact Person: Nate Butler E-Mail Address: Nbutler@scenv.com		Report To: Company: _____ Address: <u>SAME</u> Phone No. _____ Attention: _____ E-Mail Address: _____		Invoice To: Company: _____ Address: <u>SAME</u> Phone No. _____ Attention: _____ E-Mail Address: _____		YOUR Project ID <u>15-004</u> Purchase Order No. _____ Samples from: CT NY ☒ NJ		Turn-Around Time RUSH - Same Day ☐ RUSH - Next Day ☐ RUSH - Two Day ☐ RUSH - Three Day ☐ RUSH - Four Day ☐ Standard(5-7 Days) ☐		Report Type ☒ Summary Report Summary w/ QA Summary CT RCP Package CTRCP DQA/DUE Pkg NY ASP A Package NY ASP B Package NUDEP Red. Deliv. <i>Electronic Data Deliverables (EDD)</i> Simple Excel NYSDEC EQUIS EQUIS (std) EZ-EDD (EQUIS) NUDEP SRP HazSite EDD GIS/KEY (std) Other York Regulatory Comparison Excel Spreadsheet Compare to the following Regs. (please fill in):	
Matrix Codes S - soil Other - specify (oil, etc.) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor		Volatiles 8260 full TICs 624 Site Spec. STARS list Nassau Co. BTEX Suffolk Co. MTBE Ketones TCL list Oxygenates TAGM list TCLP list CT RCP list 524.2 Arom. only 502.2 Halog. only NUDEP list App. IX SMP or TCLP		Semi-Vols. 8270 or 625 RCRA8 STARS list PP13 list BN Only TAL Acids Only CT RCP PAH list App. IX TAGM list Site Spec. TAGM list SMP or TCLP CT RCP list Total TCL list Dissolved NUDEP list SMP or TCLP App. IX Chloroane TCLP BNA 608 PCB SMP or TCLP list		Full Lists Misc. Org. TPH GRO TPH DRO CT ETPH NY 310-13 TPH 1664 Full App. IX Part 360 Reconc Air TO14A Air TO15 Air STARS Air VPH Air TICs Methane LIST Below Halim		Misc. Corrosivity Reactivity Ignitability Flash Point Sieve Anal. Heterotrophs TOX BTU/lb. Aquatic Tox. TOC NYDEC Sewer Asbestos Silica			

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 all questions by York are resolved.


 Samples Collected/Authorized By (Signature)
Aaron Paradise
 Name (printed)

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
Chalk 12716	1/27/2016, 1030	solids	Clean Earth of North Jersey Parameters	1-32 oz clear glass
D5 12716	1/27/2016, 1035	sludge		1-32 oz clear glass
D4 12716	1/27/2016, 1045	sludge		1-32 oz clear glass
LNAPL 12716	1/27/2016, 1100	liquid		1-32 oz clear glass
Conpipe G 12716	1/27/2016, 1140	solids		2-8oz clear glass
Conpipe C 12716	1/27/2016, 1150	solids		2-8oz clear glass

Comments Please email results to Kate Butler @ kbutler@srenv.com	Preservation Check those Applicable Special Instructions Field Filtered ☐ Lab to Filter ☐	4°C _____ Frozen _____ HCl _____ ZnAc _____ MeOH _____ Ascorbic Acid _____ Date/Time _____	HNO ₃ _____ H ₂ SO ₄ _____ Other _____ Samples Received By _____ Date/Time _____	NaOH _____ Date/Time _____	Temperature on Receipt 3.3 °C
	Samples Relinquished By _____ Date/Time _____	Samples Received in LAB by _____ Date/Time _____	12/27/16 1809	12/27/16 1809	3.3 °C