

Technical Report

prepared for:

Environmental Restoration

110 Granby Street

Bloomfield CT, 06002

Attention: Dave Mangiaracino

Report Date: 12/01/2016

Client Project ID: CL2-45 (Carville Leather Site, Johnstown NY)

York Project (SDG) No.: 16K0579

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

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Environmental Restoration
110 Granby Street
Bloomfield CT, 06002
Attention: Dave Mangiaracino

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 14, 2016 and listed below. The project was identified as your project: **CL2-45 (Carville Leather Site, Johnstown NY)**.

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>
16K0579-01	NLT1	Waste Water	11/10/2016	11/14/2016
16K0579-02	NLT2	Waste Water	11/10/2016	11/14/2016
16K0579-03	NLT3	Waste Water	11/10/2016	11/14/2016
16K0579-04	NLT4	Waste Water	11/10/2016	11/14/2016
16K0579-05	NLD1	Waste Water	11/10/2016	11/14/2016
16K0579-06	NLD2	Waste Water	11/10/2016	11/14/2016
16K0579-07	NLD3	Waste Water	11/10/2016	11/14/2016
16K0579-08	NLD4	Waste Water	11/10/2016	11/14/2016
16K0579-09	NLD5	Waste Water	11/10/2016	11/14/2016

General Notes for York Project (SDG) No.: 16K0579

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
9. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 12/01/2016





Sample Information

Client Sample ID: NLT1

York Sample ID: 16K0579-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16K0579

CL2-45 (Carville Leather Site, Johnstown NY)

Waste Water

November 10, 2016 9:10 am

11/14/2016

Volatile Organics, 8260 List

Log-in Notes:

VOA-CONT

Sample Notes: HT-01

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	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 19:49	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 19:49	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 19:49	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 19:49	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 19:49	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 19:49	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 19:49	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 NELAC-NY10854,NJDEP,PADEP	11/30/2016 19:49	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 NELAC-NY10854,NJDEP,PADEP	11/30/2016 19:49	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 NELAC-NY10854,NJDEP,PADEP	11/30/2016 19:49	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 NELAC-NY10854,NJDEP,PADEP	11/30/2016 19:49	SS
95-63-6	1,2,4-Trimethylbenzene	41000	J	ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 19:49	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 19:49	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 19:49	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 19:49	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 19:49	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 19:49	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 19:49	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 19:49	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 NELAC-NY10854,NJDEP,PADEP	11/30/2016 19:49	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 19:49	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 NELAC-NY10854,NJDEP,PADEP	11/30/2016 19:49	SS



Sample Information

Client Sample ID: NLT1

York Sample ID: 16K0579-01

York Project (SDG) No.

16K0579

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 9:10 am

Date Received

11/14/2016

Volatile Organics, 8260 List

Log-in Notes:

VOA-CONT

Sample Notes: HT-01

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 19:49	SS
95-49-8	2-Chlorotoluene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 19:49	SS
106-43-4	4-Chlorotoluene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 19:49	SS
67-64-1	Acetone	180000		ug/L	50000	100000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 19:49	SS
71-43-2	Benzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 19:49	SS
108-86-1	Bromobenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 NELAC-NY10854,NJDEP,PADEP	11/30/2016 19:49	SS
74-97-5	Bromochloromethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 NELAC-NY10854,NJDEP,PADEP	11/30/2016 19:49	SS
75-27-4	Bromodichloromethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 19:49	SS
75-25-2	Bromoform	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 19:49	SS
74-83-9	Bromomethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 19:49	SS
56-23-5	Carbon tetrachloride	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 19:49	SS
108-90-7	Chlorobenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 19:49	SS
75-00-3	Chloroethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 19:49	SS
67-66-3	Chloroform	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 19:49	SS
74-87-3	Chloromethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 19:49	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 19:49	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 19:49	SS
124-48-1	Dibromochloromethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 19:49	SS
74-95-3	Dibromomethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 NELAC-NY10854,NJDEP,PADEP	11/30/2016 19:49	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 NELAC-NY10854,NJDEP,PADEP	11/30/2016 19:49	SS
100-41-4	Ethyl Benzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 19:49	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 NELAC-NY10854,NJDEP,PADEP	11/30/2016 19:49	SS
98-82-8	Isopropylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 19:49	SS



Sample Information

Client Sample ID: NLT1

York Sample ID: 16K0579-01

York Project (SDG) No.

16K0579

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 9:10 am

Date Received

11/14/2016

Volatile Organics, 8260 List

Log-in Notes:

VOA-CONT

Sample Notes: HT-01

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 19:49	SS
75-09-2	Methylene chloride	ND		ug/L	25000	100000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 19:49	SS
91-20-3	Naphthalene	ND		ug/L	25000	100000	10000	EPA 8260C Certifications:	11/30/2016 07:26 NELAC-NY10854,NJDEP,PADEP	11/30/2016 19:49	SS
104-51-8	n-Butylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 19:49	SS
103-65-1	n-Propylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 19:49	SS
95-47-6	o-Xylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,PADEP	11/30/2016 19:49	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	50000	100000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,PADEP	11/30/2016 19:49	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 19:49	SS
135-98-8	sec-Butylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 19:49	SS
100-42-5	Styrene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 19:49	SS
98-06-6	tert-Butylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 19:49	SS
127-18-4	Tetrachloroethylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 19:49	SS
108-88-3	Toluene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 19:49	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 19:49	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 19:49	SS
79-01-6	Trichloroethylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 19:49	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 19:49	SS
108-05-4	Vinyl acetate	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 NELAC-NY10854,NJDEP	11/30/2016 19:49	SS
75-01-4	Vinyl Chloride	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 19:49	SS
1330-20-7	Xylenes, Total	ND		ug/L	75000	150000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP	11/30/2016 19:49	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	95.9 %	69-130								
2037-26-5	Surrogate: Toluene-d8	96.4 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	93.1 %	79-122								



Sample Information

Client Sample ID: NLT1

York Sample ID: 16K0579-01

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16K0579

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 9:10 am

Date Received

11/14/2016

Semi-Volatiles, 8270 Target List

Log-in Notes:

VOA-CONT

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
120-82-1	1,2,4-Trichlorobenzene	ND	HT-01	ug/L	15000	30000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:26	SR
95-50-1	1,2-Dichlorobenzene	ND	HT-01	ug/L	15000	30000	100	EPA 8270D Certifications: NELAC-NY10854,PADEP	11/21/2016 11:53	11/22/2016 16:26	SR
541-73-1	1,3-Dichlorobenzene	ND	HT-01	ug/L	15000	30000	100	EPA 8270D Certifications: NELAC-NY10854,PADEP	11/21/2016 11:53	11/22/2016 16:26	SR
106-46-7	1,4-Dichlorobenzene	ND	HT-01	ug/L	15000	30000	100	EPA 8270D Certifications: NELAC-NY10854,PADEP	11/21/2016 11:53	11/22/2016 16:26	SR
95-95-4	2,4,5-Trichlorophenol	ND	HT-01	ug/L	15000	30000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:26	SR
88-06-2	2,4,6-Trichlorophenol	ND	HT-01	ug/L	15000	30000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:26	SR
120-83-2	2,4-Dichlorophenol	ND	HT-01	ug/L	15000	30000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:26	SR
105-67-9	2,4-Dimethylphenol	ND	HT-01	ug/L	15000	30000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:26	SR
51-28-5	2,4-Dinitrophenol	ND	HT-01	ug/L	15000	30000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:26	SR
121-14-2	2,4-Dinitrotoluene	ND	HT-01	ug/L	15000	30000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:26	SR
606-20-2	2,6-Dinitrotoluene	ND	HT-01	ug/L	15000	30000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:26	SR
91-58-7	2-Chloronaphthalene	ND	HT-01	ug/L	15000	30000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:26	SR
95-57-8	2-Chlorophenol	ND	HT-01	ug/L	15000	30000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:26	SR
91-57-6	2-Methylnaphthalene	ND	HT-01	ug/L	15000	30000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:26	SR
95-48-7	2-Methylphenol	ND	HT-01	ug/L	15000	30000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:26	SR
88-74-4	2-Nitroaniline	ND	HT-01	ug/L	15000	30000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:26	SR
88-75-5	2-Nitrophenol	ND	HT-01	ug/L	15000	30000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:26	SR
65794-96-9	3- & 4-Methylphenols	ND	HT-01	ug/L	15000	30000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:26	SR
91-94-1	3,3'-Dichlorobenzidine	ND	HT-01	ug/L	15000	30000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:26	SR
99-09-2	3-Nitroaniline	ND	HT-01	ug/L	15000	30000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:26	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND	HT-01	ug/L	15000	30000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:26	SR
101-55-3	4-Bromophenyl phenyl ether	ND	HT-01	ug/L	15000	30000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:26	SR
59-50-7	4-Chloro-3-methylphenol	ND	HT-01	ug/L	15000	30000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:26	SR



Sample Information

Client Sample ID: NLT1

York Sample ID: 16K0579-01

York Project (SDG) No.

16K0579

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 9:10 am

Date Received

11/14/2016

Semi-Volatiles, 8270 Target List

Log-in Notes:

VOA-CONT

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
106-47-8	4-Chloroaniline	ND	HT-01	ug/L	15000	30000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 16:26	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND	HT-01	ug/L	15000	30000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 16:26	SR
100-01-6	4-Nitroaniline	ND	HT-01	ug/L	15000	30000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 16:26	SR
100-02-7	4-Nitrophenol	ND	HT-01	ug/L	15000	30000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 16:26	SR
83-32-9	Acenaphthene	ND	HT-01	ug/L	300	30000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 16:26	SR
208-96-8	Acenaphthylene	ND	HT-01	ug/L	300	30000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 16:26	SR
62-53-3	Aniline	ND	HT-01	ug/L	15000	30000	100	EPA 8270D Certifications:	11/21/2016 11:53 NELAC-NY10854,NJDEP,PADEP	11/22/2016 16:26	SR
120-12-7	Anthracene	ND	HT-01	ug/L	300	30000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 16:26	SR
56-55-3	Benzo(a)anthracene	ND	HT-01	ug/L	300	30000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 16:26	SR
50-32-8	Benzo(a)pyrene	ND	HT-01	ug/L	300	30000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 16:26	SR
205-99-2	Benzo(b)fluoranthene	ND	HT-01	ug/L	300	30000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 16:26	SR
191-24-2	Benzo(g,h,i)perylene	ND	HT-01	ug/L	300	30000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 16:26	SR
207-08-9	Benzo(k)fluoranthene	ND	HT-01	ug/L	300	30000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 16:26	SR
100-51-6	Benzyl alcohol	ND	HT-01	ug/L	15000	30000	100	EPA 8270D Certifications:	11/21/2016 11:53 NELAC-NY10854,NJDEP,PADEP	11/22/2016 16:26	SR
85-68-7	Benzyl butyl phthalate	ND	HT-01	ug/L	15000	30000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 16:26	SR
111-91-1	Bis(2-chloroethoxy)methane	ND	HT-01	ug/L	15000	30000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 16:26	SR
111-44-4	Bis(2-chloroethyl)ether	ND	HT-01	ug/L	15000	30000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 16:26	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND	HT-01	ug/L	15000	30000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 16:26	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND	HT-01	ug/L	3000	30000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 16:26	SR
218-01-9	Chrysene	ND	HT-01	ug/L	300	30000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 16:26	SR
53-70-3	Dibenzo(a,h)anthracene	ND	HT-01	ug/L	300	30000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 16:26	SR
132-64-9	Dibenzofuran	ND	HT-01	ug/L	15000	30000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 16:26	SR
84-66-2	Diethyl phthalate	ND	HT-01	ug/L	15000	30000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 16:26	SR



Sample Information

Client Sample ID: NLT1

York Sample ID: 16K0579-01

York Project (SDG) No.

16K0579

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 9:10 am

Date Received

11/14/2016

Semi-Volatiles, 8270 Target List

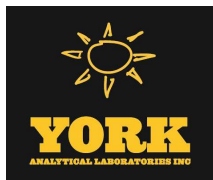
Log-in Notes:

VOA-CONT

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
131-11-3	Dimethyl phthalate	ND	HT-01	ug/L	15000	30000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:26	SR
84-74-2	Di-n-butyl phthalate	ND	HT-01	ug/L	15000	30000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:26	SR
117-84-0	Di-n-octyl phthalate	ND	HT-01	ug/L	15000	30000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:26	SR
206-44-0	Fluoranthene	ND	HT-01	ug/L	300	30000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:26	SR
86-73-7	Fluorene	ND	HT-01	ug/L	300	30000	100	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:26	SR
118-74-1	Hexachlorobenzene	ND	HT-01	ug/L	120	30000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:26	SR
87-68-3	Hexachlorobutadiene	ND	HT-01	ug/L	3000	30000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:26	SR
77-47-4	Hexachlorocyclopentadiene	ND	HT-01	ug/L	15000	30000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:26	SR
67-72-1	Hexachloroethane	ND	HT-01	ug/L	3000	30000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:26	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND	HT-01	ug/L	300	30000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:26	SR
78-59-1	Isophorone	ND	HT-01	ug/L	15000	30000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:26	SR
91-20-3	Naphthalene	ND	HT-01	ug/L	300	30000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:26	SR
98-95-3	Nitrobenzene	ND	HT-01	ug/L	1500	30000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:26	SR
62-75-9	N-Nitrosodimethylamine	ND	HT-01	ug/L	3000	30000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:26	SR
621-64-7	N-nitroso-di-n-propylamine	ND	HT-01	ug/L	15000	30000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:26	SR
86-30-6	N-Nitrosodiphenylamine	ND	HT-01	ug/L	15000	30000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:26	SR
87-86-5	Pentachlorophenol	ND	HT-01	ug/L	1500	30000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:26	SR
85-01-8	Phenanthrene	ND	HT-01	ug/L	300	30000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:26	SR
108-95-2	Phenol	ND	HT-01	ug/L	15000	30000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:26	SR
129-00-0	Pyrene	ND	HT-01	ug/L	300	30000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:26	SR
110-86-1	Pyridine	ND	HT-01	ug/L	15000	30000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:26	SR
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	16.0 %	HT-01	12-64							
4165-62-2	Surrogate: Phenol-d5	%	HT-01	10-82							
4165-60-0	Surrogate: Nitrobenzene-d5	125 %	HT-01	12-96							



Sample Information

Client Sample ID: NLT1

York Sample ID: 16K0579-01

York Project (SDG) No.

16K0579

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 9:10 am

Date Received

11/14/2016

Semi-Volatiles, 8270 Target List

Log-in Notes:

VOA-CONT

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
321-60-8	Surrogate: 2-Fluorobiphenyl	71.7 %	HT-01		16-84						
118-79-6	Surrogate: 2,4,6-Tribromophenol	%	HT-01		15-104						
1718-51-0	Surrogate: Terphenyl-d14	65.6 %	HT-01		15-106						

Metals, RCRA

Log-in Notes:

VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	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 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/23/2016 11:05	11/24/2016 01:58	KV
7440-39-3	Barium	ND		mg/L	0.100	0.100	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/23/2016 11:05	11/24/2016 01:58	KV
7440-43-9	Cadmium	ND		mg/L	0.030	0.030	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/23/2016 11:05	11/24/2016 01:58	KV
7440-47-3	Chromium	67.6		mg/L	0.050	0.050	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/23/2016 11:05	11/24/2016 01:58	KV
7439-92-1	Lead	0.139		mg/L	0.030	0.030	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/23/2016 11:05	11/24/2016 01:58	KV
7782-49-2	Selenium	ND		mg/L	0.100	0.100	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/23/2016 11:05	11/24/2016 01:58	KV
7440-22-4	Silver	0.654		mg/L	0.050	0.050	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/23/2016 11:05	11/24/2016 01:58	KV

Mercury by 7470/7471

Log-in Notes:

VOA-CONT

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	0.0040	0.0040	20	EPA 7470 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/29/2016 15:16	11/29/2016 15:16	AA

Flashpoint

Log-in Notes:

VOA-CONT

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Flashpoint		143	HT-01	°F	50.0	50.0	1	ASTM D93 Certifications:	11/21/2016 11:34	11/21/2016 17:39	TJM

pH

Log-in Notes:

VOA-CONT

Sample Notes:

Sample Prepared by Method: Analysis Preparation

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

Client Sample ID: NLT1

York Sample ID: 16K0579-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16K0579

CL2-45 (Carville Leather Site, Johnstown NY)

Waste Water

November 10, 2016 9:10 am

11/14/2016

pH

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		8.30	HT-pH	pH units		0.500	1	SM 4500 H+B Certifications: CTDOH	11/29/2016 12:12	11/29/2016 14:05	DM1

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/L	0.125	0.125	1	EPA SW-846 Ch.7.3.3 Certifications:	11/22/2016 10:46	11/23/2016 06:14	DM1

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/L	75.0	75.0	1	EPA SW-846 Ch.7.3.4 Certifications:	11/22/2016 10:55	11/22/2016 19:57	DM1

Sample Information

Client Sample ID: NLT2

York Sample ID: 16K0579-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16K0579

CL2-45 (Carville Leather Site, Johnstown NY)

Waste Water

November 10, 2016 9:20 am

11/14/2016

Volatile Organics, 8260 List

Log-in Notes: VOA-CONT

Sample Notes: HT-01

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	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 07:26	11/30/2016 20:28	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 07:26	11/30/2016 20:28	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 07:26	11/30/2016 20:28	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 07:26	11/30/2016 20:28	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 07:26	11/30/2016 20:28	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 07:26	11/30/2016 20:28	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 07:26	11/30/2016 20:28	SS



Sample Information

Client Sample ID: NLT2

York Sample ID: 16K0579-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16K0579

CL2-45 (Carville Leather Site, Johnstown NY)

Waste Water

November 10, 2016 9:20 am

11/14/2016

Volatile Organics, 8260 List

Log-in Notes:

VOA-CONT

Sample Notes: HT-01

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
563-58-6	1,1-Dichloropropylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	11/30/2016 07:26	11/30/2016 20:28	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	11/30/2016 07:26	11/30/2016 20:28	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	11/30/2016 07:26	11/30/2016 20:28	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	11/30/2016 07:26	11/30/2016 20:28	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 07:26	11/30/2016 20:28	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 07:26	11/30/2016 20:28	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 07:26	11/30/2016 20:28	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 07:26	11/30/2016 20:28	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 07:26	11/30/2016 20:28	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 07:26	11/30/2016 20:28	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 07:26	11/30/2016 20:28	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 07:26	11/30/2016 20:28	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	11/30/2016 07:26	11/30/2016 20:28	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 07:26	11/30/2016 20:28	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	11/30/2016 07:26	11/30/2016 20:28	SS
78-93-3	2-Butanone	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 07:26	11/30/2016 20:28	SS
95-49-8	2-Chlorotoluene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 07:26	11/30/2016 20:28	SS
106-43-4	4-Chlorotoluene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 07:26	11/30/2016 20:28	SS
67-64-1	Acetone	ND		ug/L	50000	100000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 07:26	11/30/2016 20:28	SS
71-43-2	Benzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 07:26	11/30/2016 20:28	SS
108-86-1	Bromobenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	11/30/2016 07:26	11/30/2016 20:28	SS
74-97-5	Bromochloromethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	11/30/2016 07:26	11/30/2016 20:28	SS
75-27-4	Bromodichloromethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 07:26	11/30/2016 20:28	SS



Sample Information

Client Sample ID: NLT2

York Sample ID: 16K0579-02

York Project (SDG) No.

16K0579

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 9:20 am

Date Received

11/14/2016

Volatile Organics, 8260 List

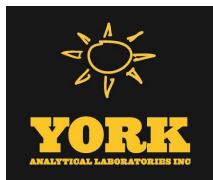
Log-in Notes:

VOA-CONT

Sample Notes: HT-01

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
75-25-2	Bromoform	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 20:28	SS
74-83-9	Bromomethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 20:28	SS
56-23-5	Carbon tetrachloride	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 20:28	SS
108-90-7	Chlorobenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 20:28	SS
75-00-3	Chloroethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 20:28	SS
67-66-3	Chloroform	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 20:28	SS
74-87-3	Chloromethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 20:28	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 20:28	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 20:28	SS
124-48-1	Dibromochloromethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 20:28	SS
74-95-3	Dibromomethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 NELAC-NY10854,NJDEP,PADEP	11/30/2016 20:28	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 NELAC-NY10854,NJDEP,PADEP	11/30/2016 20:28	SS
100-41-4	Ethyl Benzene	130000		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 20:28	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 NELAC-NY10854,NJDEP,PADEP	11/30/2016 20:28	SS
98-82-8	Isopropylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 20:28	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 20:28	SS
75-09-2	Methylene chloride	ND		ug/L	25000	100000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 20:28	SS
91-20-3	Naphthalene	ND		ug/L	25000	100000	10000	EPA 8260C Certifications:	11/30/2016 07:26 NELAC-NY10854,NJDEP,PADEP	11/30/2016 20:28	SS
104-51-8	n-Butylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 20:28	SS
103-65-1	n-Propylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 20:28	SS
95-47-6	o-Xylene	170000		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 20:28	SS
179601-23-1	p- & m- Xylenes	520000		ug/L	50000	100000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 20:28	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 20:28	SS



Sample Information

Client Sample ID: NLT2

York Sample ID: 16K0579-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16K0579

CL2-45 (Carville Leather Site, Johnstown NY)

Waste Water

November 10, 2016 9:20 am

11/14/2016

Volatile Organics, 8260 List

Log-in Notes:

VOA-CONT

Sample Notes: HT-01

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 20:28	SS
100-42-5	Styrene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 20:28	SS
98-06-6	tert-Butylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 20:28	SS
127-18-4	Tetrachloroethylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 20:28	SS
108-88-3	Toluene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 20:28	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 20:28	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 20:28	SS
79-01-6	Trichloroethylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 20:28	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 20:28	SS
108-05-4	Vinyl acetate	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 NELAC-NY10854,NJDEP	11/30/2016 20:28	SS
75-01-4	Vinyl Chloride	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 20:28	SS
1330-20-7	Xylenes, Total	690000		ug/L	75000	150000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP	11/30/2016 20:28	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	96.2 %	69-130								
2037-26-5	Surrogate: Toluene-d8	96.5 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	96.3 %	79-122								

Semi-Volatiles, 8270 Target List

Log-in Notes:

VOA-CONT

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
120-82-1	1,2,4-Trichlorobenzene	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 13:48	SR
95-50-1	1,2-Dichlorobenzene	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications:	11/21/2016 11:53 NELAC-NY10854,PADEP	11/22/2016 13:48	SR
541-73-1	1,3-Dichlorobenzene	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications:	11/21/2016 11:53 NELAC-NY10854,PADEP	11/22/2016 13:48	SR
106-46-7	1,4-Dichlorobenzene	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications:	11/21/2016 11:53 NELAC-NY10854,PADEP	11/22/2016 13:48	SR
95-95-4	2,4,5-Trichlorophenol	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 13:48	SR
88-06-2	2,4,6-Trichlorophenol	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 13:48	SR



Sample Information

Client Sample ID: NLT2

York Sample ID: 16K0579-02

York Project (SDG) No.

16K0579

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 9:20 am

Date Received

11/14/2016

Semi-Volatiles, 8270 Target List

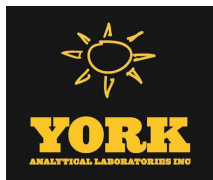
Log-in Notes:

VOA-CONT

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
120-83-2	2,4-Dichlorophenol	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 13:48	SR
105-67-9	2,4-Dimethylphenol	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 13:48	SR
51-28-5	2,4-Dinitrophenol	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 13:48	SR
121-14-2	2,4-Dinitrotoluene	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 13:48	SR
606-20-2	2,6-Dinitrotoluene	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 13:48	SR
91-58-7	2-Chloronaphthalene	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 13:48	SR
95-57-8	2-Chlorophenol	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 13:48	SR
91-57-6	2-Methylnaphthalene	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 13:48	SR
95-48-7	2-Methylphenol	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 13:48	SR
88-74-4	2-Nitroaniline	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 13:48	SR
88-75-5	2-Nitrophenol	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 13:48	SR
65794-96-9	3- & 4-Methylphenols	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 13:48	SR
91-94-1	3,3'-Dichlorobenzidine	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 13:48	SR
99-09-2	3-Nitroaniline	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 13:48	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 13:48	SR
101-55-3	4-Bromophenyl phenyl ether	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 13:48	SR
59-50-7	4-Chloro-3-methylphenol	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 13:48	SR
106-47-8	4-Chloroaniline	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 13:48	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 13:48	SR
100-01-6	4-Nitroaniline	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 13:48	SR
100-02-7	4-Nitrophenol	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 13:48	SR
83-32-9	Acenaphthene	ND	HT-01	ug/L	10.0	1000	5	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 13:48	SR
208-96-8	Acenaphthylene	ND	HT-01	ug/L	10.0	1000	5	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 13:48	SR



Sample Information

Client Sample ID: NLT2

York Sample ID: 16K0579-02

York Project (SDG) No.

16K0579

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 9:20 am

Date Received

11/14/2016

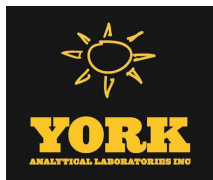
Semi-Volatiles, 8270 Target List

Log-in Notes: VOA-CONT

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
62-53-3	Aniline	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 13:48	SR
120-12-7	Anthracene	ND	HT-01	ug/L	10.0	1000	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 13:48	SR
56-55-3	Benzo(a)anthracene	ND	HT-01	ug/L	10.0	1000	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 13:48	SR
50-32-8	Benzo(a)pyrene	ND	HT-01	ug/L	10.0	1000	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 13:48	SR
205-99-2	Benzo(b)fluoranthene	ND	HT-01	ug/L	10.0	1000	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 13:48	SR
191-24-2	Benzo(g,h,i)perylene	ND	HT-01	ug/L	10.0	1000	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 13:48	SR
207-08-9	Benzo(k)fluoranthene	ND	HT-01	ug/L	10.0	1000	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 13:48	SR
100-51-6	Benzyl alcohol	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 13:48	SR
85-68-7	Benzyl butyl phthalate	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 13:48	SR
111-91-1	Bis(2-chloroethoxy)methane	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 13:48	SR
111-44-4	Bis(2-chloroethyl)ether	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 13:48	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 13:48	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND	HT-01	ug/L	100	1000	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 13:48	SR
218-01-9	Chrysene	ND	HT-01	ug/L	10.0	1000	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 13:48	SR
53-70-3	Dibenzo(a,h)anthracene	ND	HT-01	ug/L	10.0	1000	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 13:48	SR
132-64-9	Dibenzofuran	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 13:48	SR
84-66-2	Diethyl phthalate	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 13:48	SR
131-11-3	Dimethyl phthalate	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 13:48	SR
84-74-2	Di-n-butyl phthalate	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 13:48	SR
117-84-0	Di-n-octyl phthalate	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 13:48	SR
206-44-0	Fluoranthene	ND	HT-01	ug/L	10.0	1000	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 13:48	SR
86-73-7	Fluorene	ND	HT-01	ug/L	10.0	1000	5	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 13:48	SR
118-74-1	Hexachlorobenzene	ND	HT-01	ug/L	4.00	1000	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 13:48	SR



Sample Information

Client Sample ID: NLT2

York Sample ID: 16K0579-02

York Project (SDG) No.

16K0579

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 9:20 am

Date Received

11/14/2016

Semi-Volatiles, 8270 Target List

Log-in Notes:

VOA-CONT

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
87-68-3	Hexachlorobutadiene	ND	HT-01	ug/L	100	1000	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 13:48	SR
77-47-4	Hexachlorocyclopentadiene	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 13:48	SR
67-72-1	Hexachloroethane	ND	HT-01	ug/L	100	1000	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 13:48	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND	HT-01	ug/L	10.0	1000	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 13:48	SR
78-59-1	Isophorone	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 13:48	SR
91-20-3	Naphthalene	ND	HT-01	ug/L	10.0	1000	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 13:48	SR
98-95-3	Nitrobenzene	ND	HT-01	ug/L	50.0	1000	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 13:48	SR
62-75-9	N-Nitrosodimethylamine	ND	HT-01	ug/L	100	1000	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 13:48	SR
621-64-7	N-nitroso-di-n-propylamine	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 13:48	SR
86-30-6	N-Nitrosodiphenylamine	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 13:48	SR
87-86-5	Pentachlorophenol	ND	HT-01	ug/L	50.0	1000	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 13:48	SR
85-01-8	Phenanthrene	ND	HT-01	ug/L	10.0	1000	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 13:48	SR
108-95-2	Phenol	1760	HT-01	ug/L	500	1000	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 13:48	SR
129-00-0	Pyrene	ND	HT-01	ug/L	10.0	1000	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 13:48	SR
110-86-1	Pyridine	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 13:48	SR
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	0.0666 %	HT-01	12-64							
4165-62-2	Surrogate: Phenol-d5	14.8 %	HT-01	10-82							
4165-60-0	Surrogate: Nitrobenzene-d5	2.19 %	HT-01	12-96							
321-60-8	Surrogate: 2-Fluorobiphenyl	2.69 %	HT-01	16-84							
118-79-6	Surrogate: 2,4,6-Tribromophenol	%	HT-01	15-104							
1718-51-0	Surrogate: Terphenyl-d14	4.57 %	HT-01	15-106							

Metals, RCRA

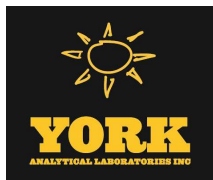
Log-in Notes:

VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.200	0.200	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/23/2016 11:05	11/24/2016 02:36	KV



Sample Information

Client Sample ID: NLT2

York Sample ID: 16K0579-02

York Project (SDG) No.

16K0579

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 9:20 am

Date Received

11/14/2016

Metals, RCRA

Log-in Notes: VOA-CONT

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
7440-39-3	Barium	ND		mg/L	0.500	0.500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/23/2016 11:05	11/24/2016 02:36	KV
7440-43-9	Cadmium	ND		mg/L	0.150	0.150	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/23/2016 11:05	11/24/2016 02:36	KV
7440-47-3	Chromium	8.07		mg/L	0.250	0.250	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/23/2016 11:05	11/24/2016 02:36	KV
7439-92-1	Lead	ND		mg/L	0.150	0.150	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/23/2016 11:05	11/24/2016 02:36	KV
7782-49-2	Selenium	ND		mg/L	0.500	0.500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/23/2016 11:05	11/24/2016 02:36	KV
7440-22-4	Silver	ND		mg/L	0.250	0.250	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/23/2016 11:05	11/24/2016 02:36	KV

Mercury by 7470/7471

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	ND		mg/L	0.0040	0.0040	20	EPA 7470 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/29/2016 15:16	11/29/2016 15:16	AA

Flashpoint

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
	* Flashpoint	> 200	HT-01	°F	50.0	50.0	1	ASTM D93 Certifications:	11/21/2016 11:34	11/21/2016 17:39	TJM

pH

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	6.91	HT-pH	pH units		0.500	1	SM 4500 H+B Certifications: CTDOH	11/29/2016 12:12	11/29/2016 14:05	DM1

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/L	0.125	0.125	1	EPA SW-846 Ch.7.3.3 Certifications:	11/22/2016 10:46	11/23/2016 06:14	DM1

Reactivity-Sulfide

Log-in Notes: VOA-CONT

Sample Notes:



Sample Information

Client Sample ID: NLT2

York Sample ID: 16K0579-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16K0579

CL2-45 (Carville Leather Site, Johnstown NY)

Waste Water

November 10, 2016 9:20 am

11/14/2016

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
	* Reactivity - Sulfide	ND		mg/L	75.0	75.0	1	EPA SW-846 Ch.7.3.4 Certifications:	11/22/2016 10:55	11/22/2016 19:57	DM1

Sample Information

Client Sample ID: NLT3

York Sample ID: 16K0579-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16K0579

CL2-45 (Carville Leather Site, Johnstown NY)

Waste Water

November 10, 2016 9:30 am

11/14/2016

Volatile Organics, 8260 List

Log-in Notes:

VOA-CONT

Sample Notes: HT-01

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	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 07:26	11/30/2016 21:08	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 07:26	11/30/2016 21:08	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 07:26	11/30/2016 21:08	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 07:26	11/30/2016 21:08	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 07:26	11/30/2016 21:08	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 07:26	11/30/2016 21:08	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 07:26	11/30/2016 21:08	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	11/30/2016 07:26	11/30/2016 21:08	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	11/30/2016 07:26	11/30/2016 21:08	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	11/30/2016 07:26	11/30/2016 21:08	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	11/30/2016 07:26	11/30/2016 21:08	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 07:26	11/30/2016 21:08	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 07:26	11/30/2016 21:08	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 07:26	11/30/2016 21:08	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 07:26	11/30/2016 21:08	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 07:26	11/30/2016 21:08	SS



Sample Information

Client Sample ID: NLT3

York Sample ID: 16K0579-03

York Project (SDG) No.

16K0579

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 9:30 am

Date Received

11/14/2016

Volatile Organics, 8260 List

Log-in Notes:

VOA-CONT

Sample Notes: HT-01

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-87-5	1,2-Dichloropropane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:08	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:08	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:08	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:08	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:08	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:08	SS
78-93-3	2-Butanone	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:08	SS
95-49-8	2-Chlorotoluene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:08	SS
106-43-4	4-Chlorotoluene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:08	SS
67-64-1	Acetone	110000		ug/L	50000	100000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:08	SS
71-43-2	Benzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:08	SS
108-86-1	Bromobenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:08	SS
74-97-5	Bromochloromethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:08	SS
75-27-4	Bromodichloromethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:08	SS
75-25-2	Bromoform	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:08	SS
74-83-9	Bromomethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:08	SS
56-23-5	Carbon tetrachloride	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:08	SS
108-90-7	Chlorobenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:08	SS
75-00-3	Chloroethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:08	SS
67-66-3	Chloroform	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:08	SS
74-87-3	Chloromethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:08	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:08	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:08	SS



Sample Information

Client Sample ID: NLT3

York Sample ID: 16K0579-03

York Project (SDG) No.

16K0579

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 9:30 am

Date Received

11/14/2016

Volatile Organics, 8260 List

Log-in Notes:

VOA-CONT

Sample Notes: HT-01

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:08	SS
74-95-3	Dibromomethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:08	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:08	SS
100-41-4	Ethyl Benzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:08	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:08	SS
98-82-8	Isopropylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:08	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:08	SS
75-09-2	Methylene chloride	ND		ug/L	25000	100000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:08	SS
91-20-3	Naphthalene	ND		ug/L	25000	100000	10000	EPA 8260C Certifications:	11/30/2016 07:26 NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:08	SS
104-51-8	n-Butylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:08	SS
103-65-1	n-Propylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:08	SS
95-47-6	o-Xylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,PADEP	11/30/2016 21:08	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	50000	100000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,PADEP	11/30/2016 21:08	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:08	SS
135-98-8	sec-Butylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:08	SS
100-42-5	Styrene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:08	SS
98-06-6	tert-Butylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:08	SS
127-18-4	Tetrachloroethylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:08	SS
108-88-3	Toluene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:08	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:08	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:08	SS
79-01-6	Trichloroethylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:08	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:08	SS



Sample Information

Client Sample ID: NLT3

York Sample ID: 16K0579-03

York Project (SDG) No.

16K0579

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 9:30 am

Date Received

11/14/2016

Volatile Organics, 8260 List

Log-in Notes:

VOA-CONT

Sample Notes: HT-01

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-05-4	Vinyl acetate	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/30/2016 07:26	11/30/2016 21:08	SS
75-01-4	Vinyl Chloride	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 07:26	11/30/2016 21:08	SS
1330-20-7	Xylenes, Total	ND		ug/L	75000	150000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/30/2016 07:26	11/30/2016 21:08	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	97.2 %			69-130						
2037-26-5	Surrogate: Toluene-d8	96.2 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	101 %			79-122						

Semi-Volatiles, 8270 Target List

Log-in Notes:

VOA-CONT

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
120-82-1	1,2,4-Trichlorobenzene	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 14:19	SR
95-50-1	1,2-Dichlorobenzene	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications: NELAC-NY10854,PADEP	11/21/2016 11:53	11/22/2016 14:19	SR
541-73-1	1,3-Dichlorobenzene	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications: NELAC-NY10854,PADEP	11/21/2016 11:53	11/22/2016 14:19	SR
106-46-7	1,4-Dichlorobenzene	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications: NELAC-NY10854,PADEP	11/21/2016 11:53	11/22/2016 14:19	SR
95-95-4	2,4,5-Trichlorophenol	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 14:19	SR
88-06-2	2,4,6-Trichlorophenol	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 14:19	SR
120-83-2	2,4-Dichlorophenol	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 14:19	SR
105-67-9	2,4-Dimethylphenol	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 14:19	SR
51-28-5	2,4-Dinitrophenol	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 14:19	SR
121-14-2	2,4-Dinitrotoluene	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 14:19	SR
606-20-2	2,6-Dinitrotoluene	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 14:19	SR
91-58-7	2-Chloronaphthalene	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 14:19	SR
95-57-8	2-Chlorophenol	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 14:19	SR
91-57-6	2-Methylnaphthalene	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 14:19	SR
95-48-7	2-Methylphenol	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 14:19	SR



Sample Information

Client Sample ID: NLT3

York Sample ID: 16K0579-03

York Project (SDG) No.

16K0579

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 9:30 am

Date Received

11/14/2016

Semi-Volatiles, 8270 Target List

Log-in Notes:

VOA-CONT

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
88-74-4	2-Nitroaniline	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 14:19	SR
88-75-5	2-Nitrophenol	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 14:19	SR
65794-96-9	3- & 4-Methylphenols	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 14:19	SR
91-94-1	3,3'-Dichlorobenzidine	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 14:19	SR
99-09-2	3-Nitroaniline	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 14:19	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 14:19	SR
101-55-3	4-Bromophenyl phenyl ether	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 14:19	SR
59-50-7	4-Chloro-3-methylphenol	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 14:19	SR
106-47-8	4-Chloroaniline	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 14:19	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 14:19	SR
100-01-6	4-Nitroaniline	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 14:19	SR
100-02-7	4-Nitrophenol	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 14:19	SR
83-32-9	Acenaphthene	ND	HT-01	ug/L	10.0	1000	5	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 14:19	SR
208-96-8	Acenaphthylene	ND	HT-01	ug/L	10.0	1000	5	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 14:19	SR
62-53-3	Aniline	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications:	11/21/2016 11:53 NELAC-NY10854,NJDEP,PADEP	11/22/2016 14:19	SR
120-12-7	Anthracene	ND	HT-01	ug/L	10.0	1000	5	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 14:19	SR
56-55-3	Benzo(a)anthracene	ND	HT-01	ug/L	10.0	1000	5	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 14:19	SR
50-32-8	Benzo(a)pyrene	ND	HT-01	ug/L	10.0	1000	5	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 14:19	SR
205-99-2	Benzo(b)fluoranthene	ND	HT-01	ug/L	10.0	1000	5	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 14:19	SR
191-24-2	Benzo(g,h,i)perylene	ND	HT-01	ug/L	10.0	1000	5	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 14:19	SR
207-08-9	Benzo(k)fluoranthene	ND	HT-01	ug/L	10.0	1000	5	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 14:19	SR
100-51-6	Benzyl alcohol	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications:	11/21/2016 11:53 NELAC-NY10854,NJDEP,PADEP	11/22/2016 14:19	SR
85-68-7	Benzyl butyl phthalate	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 14:19	SR



Sample Information

Client Sample ID: NLT3

York Sample ID: 16K0579-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16K0579

CL2-45 (Carville Leather Site, Johnstown NY)

Waste Water

November 10, 2016 9:30 am

11/14/2016

Semi-Volatiles, 8270 Target List

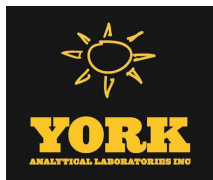
Log-in Notes:

VOA-CONT

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
111-91-1	Bis(2-chloroethoxy)methane	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 14:19	SR
111-44-4	Bis(2-chloroethyl)ether	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 14:19	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 14:19	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND	HT-01	ug/L	100	1000	5	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 14:19	SR
218-01-9	Chrysene	ND	HT-01	ug/L	10.0	1000	5	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 14:19	SR
53-70-3	Dibenzo(a,h)anthracene	ND	HT-01	ug/L	10.0	1000	5	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 14:19	SR
132-64-9	Dibenzofuran	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 14:19	SR
84-66-2	Diethyl phthalate	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 14:19	SR
131-11-3	Dimethyl phthalate	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 14:19	SR
84-74-2	Di-n-butyl phthalate	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 14:19	SR
117-84-0	Di-n-octyl phthalate	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 14:19	SR
206-44-0	Fluoranthene	ND	HT-01	ug/L	10.0	1000	5	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 14:19	SR
86-73-7	Fluorene	ND	HT-01	ug/L	10.0	1000	5	EPA 8270D Certifications:	11/21/2016 11:53 NELAC-NY10854,NJDEP,PADEP	11/22/2016 14:19	SR
118-74-1	Hexachlorobenzene	ND	HT-01	ug/L	4.00	1000	5	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 14:19	SR
87-68-3	Hexachlorobutadiene	ND	HT-01	ug/L	100	1000	5	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 14:19	SR
77-47-4	Hexachlorocyclopentadiene	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 14:19	SR
67-72-1	Hexachloroethane	ND	HT-01	ug/L	100	1000	5	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 14:19	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND	HT-01	ug/L	10.0	1000	5	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 14:19	SR
78-59-1	Isophorone	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 14:19	SR
91-20-3	Naphthalene	ND	HT-01	ug/L	10.0	1000	5	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 14:19	SR
98-95-3	Nitrobenzene	ND	HT-01	ug/L	50.0	1000	5	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 14:19	SR
62-75-9	N-Nitrosodimethylamine	ND	HT-01	ug/L	100	1000	5	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 14:19	SR
621-64-7	N-nitroso-di-n-propylamine	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 14:19	SR



Sample Information

Client Sample ID: NLT3

York Sample ID: 16K0579-03

York Project (SDG) No.

16K0579

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 9:30 am

Date Received

11/14/2016

Semi-Volatiles, 8270 Target List

Log-in Notes:

VOA-CONT

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
86-30-6	N-Nitrosodiphenylamine	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 14:19	SR
87-86-5	Pentachlorophenol	ND	HT-01	ug/L	50.0	1000	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 14:19	SR
85-01-8	Phenanthrene	ND	HT-01	ug/L	10.0	1000	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 14:19	SR
108-95-2	Phenol	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 14:19	SR
129-00-0	Pyrene	ND	HT-01	ug/L	10.0	1000	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 14:19	SR
110-86-1	Pyridine	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 14:19	SR
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	8.79 %	HT-01								
4165-62-2	Surrogate: Phenol-d5	5.65 %	HT-01								
4165-60-0	Surrogate: Nitrobenzene-d5	9.96 %	HT-01								
321-60-8	Surrogate: 2-Fluorobiphenyl	9.26 %	HT-01								
118-79-6	Surrogate: 2,4,6-Tribromophenol	7.85 %	HT-01								
1718-51-0	Surrogate: Terphenyl-d14	8.95 %	HT-01								

Metals, RCRA

Log-in Notes:

VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.200	0.200	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/23/2016 11:05	11/24/2016 02:41	KV
7440-39-3	Barium	ND		mg/L	0.500	0.500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/23/2016 11:05	11/24/2016 02:41	KV
7440-43-9	Cadmium	ND		mg/L	0.150	0.150	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/23/2016 11:05	11/24/2016 02:41	KV
7440-47-3	Chromium	7.68		mg/L	0.250	0.250	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/23/2016 11:05	11/24/2016 02:41	KV
7439-92-1	Lead	ND		mg/L	0.150	0.150	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/23/2016 11:05	11/24/2016 02:41	KV
7782-49-2	Selenium	ND		mg/L	0.500	0.500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/23/2016 11:05	11/24/2016 02:41	KV
7440-22-4	Silver	ND		mg/L	0.250	0.250	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/23/2016 11:05	11/24/2016 02:41	KV

Mercury by 7470/7471

Log-in Notes:

VOA-CONT

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
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Sample Information

Client Sample ID: NLT3

York Sample ID: 16K0579-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16K0579

CL2-45 (Carville Leather Site, Johnstown NY)

Waste Water

November 10, 2016 9:30 am

11/14/2016

Mercury by 7470/7471

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	ND		mg/L	0.0040	0.0040	20	EPA 7470 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/29/2016 15:16	11/29/2016 15:16	AA

Flashpoint

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
	* Flashpoint	152	HT-01	°F	50.0	50.0	1	ASTM D93 Certifications:	11/21/2016 11:34	11/21/2016 17:39	TJM

pH

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	6.36	HT-pH	pH units		0.500	1	SM 4500 H+B Certifications: CTDOH	11/29/2016 12:12	11/29/2016 14:05	DM1

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/L	0.125	0.125	1	EPA SW-846 Ch.7.3.3 Certifications:	11/22/2016 10:46	11/23/2016 06:14	DM1

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/L	75.0	75.0	1	EPA SW-846 Ch.7.3.4 Certifications:	11/22/2016 10:55	11/22/2016 19:57	DM1

Sample Information

Client Sample ID: NLT4

York Sample ID: 16K0579-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16K0579

CL2-45 (Carville Leather Site, Johnstown NY)

Waste Water

November 10, 2016 9:40 am

11/14/2016

Volatile Organics, 8260 List

Log-in Notes:

VOA-CONT

Sample Notes: HT-01



Sample Information

Client Sample ID: NLT4

York Sample ID: 16K0579-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16K0579

CL2-45 (Carville Leather Site, Johnstown NY)

Waste Water

November 10, 2016 9:40 am

11/14/2016

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	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:48	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:48	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:48	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:48	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:48	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:48	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:48	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:48	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:48	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:48	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:48	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:48	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:48	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:48	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:48	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:48	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:48	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:48	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:48	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:48	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:48	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:48	SS
78-93-3	2-Butanone	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:48	SS
95-49-8	2-Chlorotoluene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:48	SS



Sample Information

Client Sample ID: NLT4

York Sample ID: 16K0579-04

York Project (SDG) No.

16K0579

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 9:40 am

Date Received

11/14/2016

Volatile Organics, 8260 List

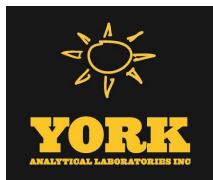
Log-in Notes:

VOA-CONT

Sample Notes: HT-01

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-43-4	4-Chlorotoluene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:48	SS
67-64-1	Acetone	ND		ug/L	50000	100000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:48	SS
71-43-2	Benzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:48	SS
108-86-1	Bromobenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:48	SS
74-97-5	Bromochloromethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:48	SS
75-27-4	Bromodichloromethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:48	SS
75-25-2	Bromoform	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:48	SS
74-83-9	Bromomethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:48	SS
56-23-5	Carbon tetrachloride	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:48	SS
108-90-7	Chlorobenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:48	SS
75-00-3	Chloroethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:48	SS
67-66-3	Chloroform	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:48	SS
74-87-3	Chloromethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:48	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:48	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:48	SS
124-48-1	Dibromochloromethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:48	SS
74-95-3	Dibromomethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:48	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:48	SS
100-41-4	Ethyl Benzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:48	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:48	SS
98-82-8	Isopropylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:48	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:48	SS
75-09-2	Methylene chloride	ND		ug/L	25000	100000	10000	EPA 8260C Certifications:	11/30/2016 07:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 21:48	SS



Sample Information

Client Sample ID: NLT4

York Sample ID: 16K0579-04

York Project (SDG) No.

16K0579

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 9:40 am

Date Received

11/14/2016

Semi-Volatiles, 8270 Target List

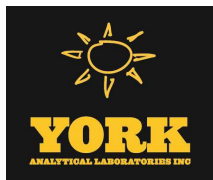
Log-in Notes:

VOA-CONT

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
120-82-1	1,2,4-Trichlorobenzene	ND	HT-01	ug/L	80000	160000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:58	SR
95-50-1	1,2-Dichlorobenzene	ND	HT-01	ug/L	80000	160000	100	EPA 8270D Certifications: NELAC-NY10854,PADEP	11/21/2016 11:53	11/22/2016 16:58	SR
541-73-1	1,3-Dichlorobenzene	ND	HT-01	ug/L	80000	160000	100	EPA 8270D Certifications: NELAC-NY10854,PADEP	11/21/2016 11:53	11/22/2016 16:58	SR
106-46-7	1,4-Dichlorobenzene	ND	HT-01	ug/L	80000	160000	100	EPA 8270D Certifications: NELAC-NY10854,PADEP	11/21/2016 11:53	11/22/2016 16:58	SR
95-95-4	2,4,5-Trichlorophenol	ND	HT-01	ug/L	80000	160000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:58	SR
88-06-2	2,4,6-Trichlorophenol	ND	HT-01	ug/L	80000	160000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:58	SR
120-83-2	2,4-Dichlorophenol	ND	HT-01	ug/L	80000	160000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:58	SR
105-67-9	2,4-Dimethylphenol	ND	HT-01	ug/L	80000	160000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:58	SR
51-28-5	2,4-Dinitrophenol	ND	HT-01	ug/L	80000	160000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:58	SR
121-14-2	2,4-Dinitrotoluene	ND	HT-01	ug/L	80000	160000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:58	SR
606-20-2	2,6-Dinitrotoluene	ND	HT-01	ug/L	80000	160000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:58	SR
91-58-7	2-Chloronaphthalene	ND	HT-01	ug/L	80000	160000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:58	SR
95-57-8	2-Chlorophenol	ND	HT-01	ug/L	80000	160000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:58	SR
91-57-6	2-Methylnaphthalene	ND	HT-01	ug/L	80000	160000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:58	SR
95-48-7	2-Methylphenol	ND	HT-01	ug/L	80000	160000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:58	SR
88-74-4	2-Nitroaniline	ND	HT-01	ug/L	80000	160000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:58	SR
88-75-5	2-Nitrophenol	ND	HT-01	ug/L	80000	160000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:58	SR
65794-96-9	3- & 4-Methylphenols	ND	HT-01	ug/L	80000	160000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:58	SR
91-94-1	3,3'-Dichlorobenzidine	ND	HT-01	ug/L	80000	160000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:58	SR
99-09-2	3-Nitroaniline	ND	HT-01	ug/L	80000	160000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:58	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND	HT-01	ug/L	80000	160000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:58	SR
101-55-3	4-Bromophenyl phenyl ether	ND	HT-01	ug/L	80000	160000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:58	SR
59-50-7	4-Chloro-3-methylphenol	ND	HT-01	ug/L	80000	160000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:58	SR



Sample Information

Client Sample ID: NLT4

York Sample ID: 16K0579-04

York Project (SDG) No.

16K0579

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 9:40 am

Date Received

11/14/2016

Semi-Volatiles, 8270 Target List

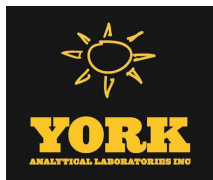
Log-in Notes:

VOA-CONT

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
106-47-8	4-Chloroaniline	ND	HT-01	ug/L	80000	160000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 16:58	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND	HT-01	ug/L	80000	160000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 16:58	SR
100-01-6	4-Nitroaniline	ND	HT-01	ug/L	80000	160000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 16:58	SR
100-02-7	4-Nitrophenol	ND	HT-01	ug/L	80000	160000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 16:58	SR
83-32-9	Acenaphthene	ND	HT-01	ug/L	1600	160000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 16:58	SR
208-96-8	Acenaphthylene	ND	HT-01	ug/L	1600	160000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 16:58	SR
62-53-3	Aniline	ND	HT-01	ug/L	80000	160000	100	EPA 8270D Certifications:	11/21/2016 11:53 NELAC-NY10854,NJDEP,PADEP	11/22/2016 16:58	SR
120-12-7	Anthracene	ND	HT-01	ug/L	1600	160000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 16:58	SR
56-55-3	Benzo(a)anthracene	ND	HT-01	ug/L	1600	160000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 16:58	SR
50-32-8	Benzo(a)pyrene	ND	HT-01	ug/L	1600	160000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 16:58	SR
205-99-2	Benzo(b)fluoranthene	ND	HT-01	ug/L	1600	160000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 16:58	SR
191-24-2	Benzo(g,h,i)perylene	ND	HT-01	ug/L	1600	160000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 16:58	SR
207-08-9	Benzo(k)fluoranthene	ND	HT-01	ug/L	1600	160000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 16:58	SR
100-51-6	Benzyl alcohol	ND	HT-01	ug/L	80000	160000	100	EPA 8270D Certifications:	11/21/2016 11:53 NELAC-NY10854,NJDEP,PADEP	11/22/2016 16:58	SR
85-68-7	Benzyl butyl phthalate	ND	HT-01	ug/L	80000	160000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 16:58	SR
111-91-1	Bis(2-chloroethoxy)methane	ND	HT-01	ug/L	80000	160000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 16:58	SR
111-44-4	Bis(2-chloroethyl)ether	ND	HT-01	ug/L	80000	160000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 16:58	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND	HT-01	ug/L	80000	160000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 16:58	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND	HT-01	ug/L	16000	160000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 16:58	SR
218-01-9	Chrysene	ND	HT-01	ug/L	1600	160000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 16:58	SR
53-70-3	Dibenzo(a,h)anthracene	ND	HT-01	ug/L	1600	160000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 16:58	SR
132-64-9	Dibenzofuran	ND	HT-01	ug/L	80000	160000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 16:58	SR
84-66-2	Diethyl phthalate	ND	HT-01	ug/L	80000	160000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 16:58	SR



Sample Information

Client Sample ID: NLT4

York Sample ID: 16K0579-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16K0579

CL2-45 (Carville Leather Site, Johnstown NY)

Waste Water

November 10, 2016 9:40 am

11/14/2016

Semi-Volatiles, 8270 Target List

Log-in Notes:

VOA-CONT

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
131-11-3	Dimethyl phthalate	ND	HT-01	ug/L	80000	160000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:58	SR
84-74-2	Di-n-butyl phthalate	ND	HT-01	ug/L	80000	160000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:58	SR
117-84-0	Di-n-octyl phthalate	ND	HT-01	ug/L	80000	160000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:58	SR
206-44-0	Fluoranthene	ND	HT-01	ug/L	1600	160000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:58	SR
86-73-7	Fluorene	ND	HT-01	ug/L	1600	160000	100	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:58	SR
118-74-1	Hexachlorobenzene	ND	HT-01	ug/L	640	160000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:58	SR
87-68-3	Hexachlorobutadiene	ND	HT-01	ug/L	16000	160000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:58	SR
77-47-4	Hexachlorocyclopentadiene	ND	HT-01	ug/L	80000	160000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:58	SR
67-72-1	Hexachloroethane	ND	HT-01	ug/L	16000	160000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:58	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND	HT-01	ug/L	1600	160000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:58	SR
78-59-1	Isophorone	ND	HT-01	ug/L	80000	160000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:58	SR
91-20-3	Naphthalene	ND	HT-01	ug/L	1600	160000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:58	SR
98-95-3	Nitrobenzene	ND	HT-01	ug/L	8000	160000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:58	SR
62-75-9	N-Nitrosodimethylamine	ND	HT-01	ug/L	16000	160000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:58	SR
621-64-7	N-nitroso-di-n-propylamine	ND	HT-01	ug/L	80000	160000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:58	SR
86-30-6	N-Nitrosodiphenylamine	ND	HT-01	ug/L	80000	160000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:58	SR
87-86-5	Pentachlorophenol	ND	HT-01	ug/L	8000	160000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:58	SR
85-01-8	Phenanthrene	ND	HT-01	ug/L	1600	160000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:58	SR
108-95-2	Phenol	ND	HT-01	ug/L	80000	160000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:58	SR
129-00-0	Pyrene	ND	HT-01	ug/L	1600	160000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:58	SR
110-86-1	Pyridine	ND	HT-01	ug/L	80000	160000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 16:58	SR
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	%	HT-01	12-64							
4165-62-2	Surrogate: Phenol-d5	2480 %	HT-01	10-82							
4165-60-0	Surrogate: Nitrobenzene-d5	%	HT-01	12-96							



Sample Information

Client Sample ID: NLT4

York Sample ID: 16K0579-04

York Project (SDG) No.

16K0579

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 9:40 am

Date Received

11/14/2016

Semi-Volatiles, 8270 Target List

Log-in Notes: VOA-CONT

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
321-60-8	Surrogate: 2-Fluorobiphenyl	%	HT-01		16-84						
118-79-6	Surrogate: 2,4,6-Tribromophenol	%	HT-01		15-104						
1718-51-0	Surrogate: Terphenyl-d14	63.6 %	HT-01		15-106						

Metals, RCRA

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.200	0.200	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/23/2016 11:05	11/24/2016 02:46	KV
7440-39-3	Barium	ND		mg/L	0.500	0.500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/23/2016 11:05	11/24/2016 02:46	KV
7440-43-9	Cadmium	ND		mg/L	0.150	0.150	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/23/2016 11:05	11/24/2016 02:46	KV
7440-47-3	Chromium	0.678		mg/L	0.250	0.250	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/23/2016 11:05	11/24/2016 02:46	KV
7439-92-1	Lead	ND		mg/L	0.150	0.150	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/23/2016 11:05	11/24/2016 02:46	KV
7782-49-2	Selenium	ND		mg/L	0.500	0.500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/23/2016 11:05	11/24/2016 02:46	KV
7440-22-4	Silver	ND		mg/L	0.250	0.250	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/23/2016 11:05	11/24/2016 02:46	KV

Mercury by 7470/7471

Log-in Notes: VOA-CONT

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	0.0040	0.0040	20	EPA 7470 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/29/2016 15:16	11/29/2016 15:16	AA

Flashpoint

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Flashpoint	> 200	HT-01	°F	50.0	50.0	1	ASTM D93 Certifications:	11/21/2016 11:34	11/21/2016 17:39	TJM

pH

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: Analysis Preparation

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

Client Sample ID: NLT4

York Sample ID: 16K0579-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16K0579

CL2-45 (Carville Leather Site, Johnstown NY)

Waste Water

November 10, 2016 9:40 am

11/14/2016

pH

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		6.31	HT-pH	pH units		0.500	1	SM 4500 H+B Certifications: CTDOH	11/29/2016 12:12	11/29/2016 14:05	DM1

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/L	0.125	0.125	1	EPA SW-846 Ch.7.3.3 Certifications:	11/22/2016 10:46	11/23/2016 06:14	DM1

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/L	75.0	75.0	1	EPA SW-846 Ch.7.3.4 Certifications:	11/22/2016 10:55	11/22/2016 19:57	DM1

Sample Information

Client Sample ID: NLD1

York Sample ID: 16K0579-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16K0579

CL2-45 (Carville Leather Site, Johnstown NY)

Waste Water

November 10, 2016 9:50 am

11/14/2016

Volatile Organics, 8260 List

Log-in Notes: VOA-CONT

Sample Notes: HT-01

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	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 03:07	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 03:07	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 03:07	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 03:07	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 03:07	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 03:07	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 03:07	SS



Sample Information

Client Sample ID: NLD1

York Sample ID: 16K0579-05

York Project (SDG) No.

16K0579

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 9:50 am

Date Received

11/14/2016

Volatile Organics, 8260 List

Log-in Notes:

VOA-CONT

Sample Notes: HT-01

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
563-58-6	1,1-Dichloropropylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:07	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:07	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:07	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:07	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:07	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:07	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:07	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:07	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:07	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:07	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:07	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:07	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:07	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:07	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:07	SS
78-93-3	2-Butanone	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:07	SS
95-49-8	2-Chlorotoluene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:07	SS
106-43-4	4-Chlorotoluene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:07	SS
67-64-1	Acetone	ND		ug/L	50000	100000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:07	SS
71-43-2	Benzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:07	SS
108-86-1	Bromobenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:07	SS
74-97-5	Bromochloromethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:07	SS
75-27-4	Bromodichloromethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:07	SS



Sample Information

Client Sample ID: NLD1

York Sample ID: 16K0579-05

York Project (SDG) No.

16K0579

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 9:50 am

Date Received

11/14/2016

Volatile Organics, 8260 List

Log-in Notes:

VOA-CONT

Sample Notes: HT-01

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
75-25-2	Bromoform	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:07	SS
74-83-9	Bromomethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:07	SS
56-23-5	Carbon tetrachloride	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:07	SS
108-90-7	Chlorobenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:07	SS
75-00-3	Chloroethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:07	SS
67-66-3	Chloroform	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:07	SS
74-87-3	Chloromethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:07	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:07	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:07	SS
124-48-1	Dibromochloromethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:07	SS
74-95-3	Dibromomethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:07	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:07	SS
100-41-4	Ethyl Benzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:07	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:07	SS
98-82-8	Isopropylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:07	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:07	SS
75-09-2	Methylene chloride	ND		ug/L	25000	100000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:07	SS
91-20-3	Naphthalene	ND		ug/L	25000	100000	10000	EPA 8260C Certifications:	11/30/2016 17:15 NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:07	SS
104-51-8	n-Butylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:07	SS
103-65-1	n-Propylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:07	SS
95-47-6	o-Xylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,PADEP	12/01/2016 03:07	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	50000	100000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,PADEP	12/01/2016 03:07	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:07	SS



Sample Information

Client Sample ID: NLD1

York Sample ID: 16K0579-05

York Project (SDG) No.

16K0579

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 9:50 am

Date Received

11/14/2016

Volatile Organics, 8260 List

Log-in Notes:

VOA-CONT

Sample Notes: HT-01

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:07	SS
100-42-5	Styrene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:07	SS
98-06-6	tert-Butylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:07	SS
127-18-4	Tetrachloroethylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:07	SS
108-88-3	Toluene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:07	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:07	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:07	SS
79-01-6	Trichloroethylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:07	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:07	SS
108-05-4	Vinyl acetate	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 NELAC-NY10854,NJDEP	12/01/2016 03:07	SS
75-01-4	Vinyl Chloride	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:07	SS
1330-20-7	Xylenes, Total	ND		ug/L	75000	150000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP	12/01/2016 03:07	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	101 %	69-130								
2037-26-5	Surrogate: Toluene-d8	98.8 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	96.7 %	79-122								

Semi-Volatiles, 8270 Target List

Log-in Notes:

VOA-CONT

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
120-82-1	1,2,4-Trichlorobenzene	ND	HT-01	ug/L	1000	2000	10	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 14:51	SR
95-50-1	1,2-Dichlorobenzene	ND	HT-01	ug/L	1000	2000	10	EPA 8270D Certifications:	11/21/2016 11:53 NELAC-NY10854,PADEP	11/22/2016 14:51	SR
541-73-1	1,3-Dichlorobenzene	ND	HT-01	ug/L	1000	2000	10	EPA 8270D Certifications:	11/21/2016 11:53 NELAC-NY10854,PADEP	11/22/2016 14:51	SR
106-46-7	1,4-Dichlorobenzene	ND	HT-01	ug/L	1000	2000	10	EPA 8270D Certifications:	11/21/2016 11:53 NELAC-NY10854,PADEP	11/22/2016 14:51	SR
95-95-4	2,4,5-Trichlorophenol	ND	HT-01	ug/L	1000	2000	10	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 14:51	SR
88-06-2	2,4,6-Trichlorophenol	ND	HT-01	ug/L	1000	2000	10	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 14:51	SR



Sample Information

Client Sample ID: NLD1

York Sample ID: 16K0579-05

York Project (SDG) No.

16K0579

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 9:50 am

Date Received

11/14/2016

Semi-Volatiles, 8270 Target List

Log-in Notes:

VOA-CONT

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
120-83-2	2,4-Dichlorophenol	ND	HT-01	ug/L	1000	2000	10	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 14:51	SR
105-67-9	2,4-Dimethylphenol	ND	HT-01	ug/L	1000	2000	10	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 14:51	SR
51-28-5	2,4-Dinitrophenol	ND	HT-01	ug/L	1000	2000	10	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 14:51	SR
121-14-2	2,4-Dinitrotoluene	ND	HT-01	ug/L	1000	2000	10	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 14:51	SR
606-20-2	2,6-Dinitrotoluene	ND	HT-01	ug/L	1000	2000	10	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 14:51	SR
91-58-7	2-Chloronaphthalene	ND	HT-01	ug/L	1000	2000	10	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 14:51	SR
95-57-8	2-Chlorophenol	ND	HT-01	ug/L	1000	2000	10	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 14:51	SR
91-57-6	2-Methylnaphthalene	ND	HT-01	ug/L	1000	2000	10	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 14:51	SR
95-48-7	2-Methylphenol	ND	HT-01	ug/L	1000	2000	10	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 14:51	SR
88-74-4	2-Nitroaniline	ND	HT-01	ug/L	1000	2000	10	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 14:51	SR
88-75-5	2-Nitrophenol	ND	HT-01	ug/L	1000	2000	10	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 14:51	SR
65794-96-9	3- & 4-Methylphenols	ND	HT-01	ug/L	1000	2000	10	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 14:51	SR
91-94-1	3,3'-Dichlorobenzidine	ND	HT-01	ug/L	1000	2000	10	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 14:51	SR
99-09-2	3-Nitroaniline	ND	HT-01	ug/L	1000	2000	10	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 14:51	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND	HT-01	ug/L	1000	2000	10	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 14:51	SR
101-55-3	4-Bromophenyl phenyl ether	ND	HT-01	ug/L	1000	2000	10	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 14:51	SR
59-50-7	4-Chloro-3-methylphenol	ND	HT-01	ug/L	1000	2000	10	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 14:51	SR
106-47-8	4-Chloroaniline	ND	HT-01	ug/L	1000	2000	10	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 14:51	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND	HT-01	ug/L	1000	2000	10	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 14:51	SR
100-01-6	4-Nitroaniline	ND	HT-01	ug/L	1000	2000	10	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 14:51	SR
100-02-7	4-Nitrophenol	ND	HT-01	ug/L	1000	2000	10	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 14:51	SR
83-32-9	Acenaphthene	ND	HT-01	ug/L	20.0	2000	10	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 14:51	SR
208-96-8	Acenaphthylene	ND	HT-01	ug/L	20.0	2000	10	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 14:51	SR



Sample Information

Client Sample ID: NLD1

York Sample ID: 16K0579-05

York Project (SDG) No.

16K0579

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 9:50 am

Date Received

11/14/2016

Semi-Volatiles, 8270 Target List

Log-in Notes:

VOA-CONT

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
62-53-3	Aniline	ND	HT-01	ug/L	1000	2000	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 14:51	SR
120-12-7	Anthracene	ND	HT-01	ug/L	20.0	2000	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 14:51	SR
56-55-3	Benzo(a)anthracene	ND	HT-01	ug/L	20.0	2000	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 14:51	SR
50-32-8	Benzo(a)pyrene	ND	HT-01	ug/L	20.0	2000	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 14:51	SR
205-99-2	Benzo(b)fluoranthene	ND	HT-01	ug/L	20.0	2000	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 14:51	SR
191-24-2	Benzo(g,h,i)perylene	ND	HT-01	ug/L	20.0	2000	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 14:51	SR
207-08-9	Benzo(k)fluoranthene	ND	HT-01	ug/L	20.0	2000	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 14:51	SR
100-51-6	Benzyl alcohol	ND	HT-01	ug/L	1000	2000	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 14:51	SR
85-68-7	Benzyl butyl phthalate	ND	HT-01	ug/L	1000	2000	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 14:51	SR
111-91-1	Bis(2-chloroethoxy)methane	ND	HT-01	ug/L	1000	2000	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 14:51	SR
111-44-4	Bis(2-chloroethyl)ether	ND	HT-01	ug/L	1000	2000	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 14:51	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND	HT-01	ug/L	1000	2000	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 14:51	SR
117-81-7	Bis(2-ethylhexyl)phthalate	444	J, HT-01	ug/L	200	2000	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 14:51	SR
218-01-9	Chrysene	ND	HT-01	ug/L	20.0	2000	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 14:51	SR
53-70-3	Dibenzo(a,h)anthracene	ND	HT-01	ug/L	20.0	2000	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 14:51	SR
132-64-9	Dibenzofuran	ND	HT-01	ug/L	1000	2000	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 14:51	SR
84-66-2	Diethyl phthalate	ND	HT-01	ug/L	1000	2000	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 14:51	SR
131-11-3	Dimethyl phthalate	ND	HT-01	ug/L	1000	2000	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 14:51	SR
84-74-2	Di-n-butyl phthalate	ND	HT-01	ug/L	1000	2000	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 14:51	SR
117-84-0	Di-n-octyl phthalate	ND	HT-01	ug/L	1000	2000	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 14:51	SR
206-44-0	Fluoranthene	ND	HT-01	ug/L	20.0	2000	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 14:51	SR
86-73-7	Fluorene	ND	HT-01	ug/L	20.0	2000	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 14:51	SR
118-74-1	Hexachlorobenzene	ND	HT-01	ug/L	8.00	2000	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 14:51	SR



Sample Information

Client Sample ID: NLD1

York Sample ID: 16K0579-05

York Project (SDG) No.

16K0579

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 9:50 am

Date Received

11/14/2016

Semi-Volatiles, 8270 Target List

Log-in Notes:

VOA-CONT

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
87-68-3	Hexachlorobutadiene	ND	HT-01	ug/L	200	2000	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 14:51	SR
77-47-4	Hexachlorocyclopentadiene	ND	HT-01	ug/L	1000	2000	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 14:51	SR
67-72-1	Hexachloroethane	ND	HT-01	ug/L	200	2000	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 14:51	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND	HT-01	ug/L	20.0	2000	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 14:51	SR
78-59-1	Isophorone	ND	HT-01	ug/L	1000	2000	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 14:51	SR
91-20-3	Naphthalene	ND	HT-01	ug/L	20.0	2000	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 14:51	SR
98-95-3	Nitrobenzene	ND	HT-01	ug/L	100	2000	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 14:51	SR
62-75-9	N-Nitrosodimethylamine	ND	HT-01	ug/L	200	2000	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 14:51	SR
621-64-7	N-nitroso-di-n-propylamine	ND	HT-01	ug/L	1000	2000	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 14:51	SR
86-30-6	N-Nitrosodiphenylamine	ND	HT-01	ug/L	1000	2000	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 14:51	SR
87-86-5	Pentachlorophenol	ND	HT-01	ug/L	100	2000	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 14:51	SR
85-01-8	Phenanthrene	ND	HT-01	ug/L	20.0	2000	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 14:51	SR
108-95-2	Phenol	ND	HT-01	ug/L	1000	2000	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 14:51	SR
129-00-0	Pyrene	ND	HT-01	ug/L	20.0	2000	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 14:51	SR
110-86-1	Pyridine	ND	HT-01	ug/L	1000	2000	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 14:51	SR
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	12.9 %	HT-01	12-64							
4165-62-2	Surrogate: Phenol-d5	16.4 %	HT-01	10-82							
4165-60-0	Surrogate: Nitrobenzene-d5	67.1 %	HT-01	12-96							
321-60-8	Surrogate: 2-Fluorobiphenyl	50.4 %	HT-01	16-84							
118-79-6	Surrogate: 2,4,6-Tribromophenol	21.0 %	HT-01	15-104							
1718-51-0	Surrogate: Terphenyl-d14	34.0 %	HT-01	15-106							

Metals, RCRA

Log-in Notes:

VOA-CONT

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	2.00	2.00	10	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/23/2016 11:05	11/24/2016 02:51	KV



Sample Information

Client Sample ID: NLD1

York Sample ID: 16K0579-05

York Project (SDG) No.

16K0579

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 9:50 am

Date Received

11/14/2016

Metals, RCRA

Log-in Notes: VOA-CONT

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
7440-39-3	Barium	ND		mg/L	5.00	5.00	10	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/23/2016 11:05	11/24/2016 02:51	KV
7440-43-9	Cadmium	ND		mg/L	1.50	1.50	10	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/23/2016 11:05	11/24/2016 02:51	KV
7440-47-3	Chromium	ND		mg/L	2.50	2.50	10	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/23/2016 11:05	11/24/2016 02:51	KV
7439-92-1	Lead	ND		mg/L	1.50	1.50	10	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/23/2016 11:05	11/24/2016 02:51	KV
7782-49-2	Selenium	ND		mg/L	5.00	5.00	10	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/23/2016 11:05	11/24/2016 02:51	KV
7440-22-4	Silver	ND		mg/L	2.50	2.50	10	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/23/2016 11:05	11/24/2016 02:51	KV

Mercury by 7470/7471

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	ND		mg/L	0.0040	0.0040	20	EPA 7470 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/29/2016 15:16	11/29/2016 15:16	AA

Flashpoint

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
	* Flashpoint	> 200	HT-01	°F	50.0	50.0	1	ASTM D93 Certifications:	11/29/2016 12:56	11/29/2016 15:57	TJM

pH

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	6.72	HT-pH	pH units		0.500	1	SM 4500 H+B Certifications: CTDOH	11/29/2016 12:12	11/29/2016 14:05	DM1

Reactivity-Cyanide

Log-in Notes: VOA-CONT

Sample Notes:

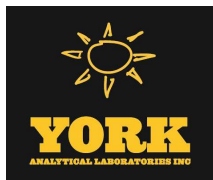
Sample Prepared by Method: Analysis Preparation

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/L	0.125	0.125	1	EPA SW-846 Ch.7.3.3 Certifications:	11/22/2016 10:46	11/23/2016 06:14	DM1

Reactivity-Sulfide

Log-in Notes: VOA-CONT

Sample Notes:



Sample Information

Client Sample ID: NLD1

York Sample ID: 16K0579-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16K0579

CL2-45 (Carville Leather Site, Johnstown NY)

Waste Water

November 10, 2016 9:50 am

11/14/2016

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
	* Reactivity - Sulfide	ND		mg/L	75.0	75.0	1	EPA SW-846 Ch.7.3.4 Certifications:	11/22/2016 10:55	11/22/2016 19:57	DM1

Sample Information

Client Sample ID: NLD2

York Sample ID: 16K0579-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16K0579

CL2-45 (Carville Leather Site, Johnstown NY)

Waste Water

November 10, 2016 10:00 am

11/14/2016

Volatile Organics, 8260 List

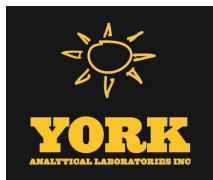
Log-in Notes:

VOA-CONT

Sample Notes: HT-01

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	250000	500000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 09:46	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	250000	500000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 09:46	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	250000	500000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 09:46	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	250000	500000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 09:46	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	250000	500000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 09:46	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	250000	500000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 09:46	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	250000	500000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 09:46	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	250000	500000	100000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 09:46	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	250000	500000	100000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 09:46	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	250000	500000	100000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 09:46	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	250000	500000	100000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 09:46	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	250000	500000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 09:46	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	250000	500000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 09:46	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	250000	500000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 09:46	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	250000	500000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 09:46	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	250000	500000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 09:46	SS



Sample Information

Client Sample ID: NLD2

York Sample ID: 16K0579-06

York Project (SDG) No.

16K0579

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 10:00 am

Date Received

11/14/2016

Volatile Organics, 8260 List

Log-in Notes:

VOA-CONT

Sample Notes: HT-01

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-87-5	1,2-Dichloropropane	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 09:46	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 09:46	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 09:46	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 NELAC-NY10854,NJDEP,PADEP	12/01/2016 09:46	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 09:46	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 NELAC-NY10854,NJDEP,PADEP	12/01/2016 09:46	SS
78-93-3	2-Butanone	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 09:46	SS
95-49-8	2-Chlorotoluene	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 09:46	SS
106-43-4	4-Chlorotoluene	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 09:46	SS
67-64-1	Acetone	ND		ug/L	500000	1000000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 09:46	SS
71-43-2	Benzene	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 09:46	SS
108-86-1	Bromobenzene	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 NELAC-NY10854,NJDEP,PADEP	12/01/2016 09:46	SS
74-97-5	Bromochloromethane	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 NELAC-NY10854,NJDEP,PADEP	12/01/2016 09:46	SS
75-27-4	Bromodichloromethane	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 09:46	SS
75-25-2	Bromoform	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 09:46	SS
74-83-9	Bromomethane	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 09:46	SS
56-23-5	Carbon tetrachloride	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 09:46	SS
108-90-7	Chlorobenzene	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 09:46	SS
75-00-3	Chloroethane	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 09:46	SS
67-66-3	Chloroform	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 09:46	SS
74-87-3	Chloromethane	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 09:46	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 09:46	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 09:46	SS



Sample Information

Client Sample ID: NLD2

York Sample ID: 16K0579-06

York Project (SDG) No.

16K0579

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 10:00 am

Date Received

11/14/2016

Volatile Organics, 8260 List

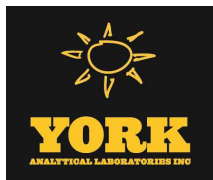
Log-in Notes:

VOA-CONT

Sample Notes: HT-01

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 09:46	SS
74-95-3	Dibromomethane	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 NELAC-NY10854,NJDEP,PADEP	12/01/2016 09:46	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 NELAC-NY10854,NJDEP,PADEP	12/01/2016 09:46	SS
100-41-4	Ethyl Benzene	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 09:46	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 NELAC-NY10854,NJDEP,PADEP	12/01/2016 09:46	SS
98-82-8	Isopropylbenzene	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 09:46	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 09:46	SS
75-09-2	Methylene chloride	ND		ug/L	250000	1000000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 09:46	SS
91-20-3	Naphthalene	ND		ug/L	250000	1000000	100000	EPA 8260C Certifications:	11/30/2016 17:15 NELAC-NY10854,NJDEP,PADEP	12/01/2016 09:46	SS
104-51-8	n-Butylbenzene	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 09:46	SS
103-65-1	n-Propylbenzene	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 09:46	SS
95-47-6	o-Xylene	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,PADEP	12/01/2016 09:46	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	500000	1000000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,PADEP	12/01/2016 09:46	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 09:46	SS
135-98-8	sec-Butylbenzene	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 09:46	SS
100-42-5	Styrene	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 09:46	SS
98-06-6	tert-Butylbenzene	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 09:46	SS
127-18-4	Tetrachloroethylene	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 09:46	SS
108-88-3	Toluene	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 09:46	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 09:46	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 09:46	SS
79-01-6	Trichloroethylene	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 09:46	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 09:46	SS



Sample Information

Client Sample ID: NLD2

York Sample ID: 16K0579-06

York Project (SDG) No.

16K0579

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 10:00 am

Date Received

11/14/2016

Volatile Organics, 8260 List

Log-in Notes:

VOA-CONT

Sample Notes: HT-01

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-05-4	Vinyl acetate	ND		ug/L	250000	500000	100000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/30/2016 17:15	12/01/2016 09:46	SS
75-01-4	Vinyl Chloride	ND		ug/L	250000	500000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 09:46	SS
1330-20-7	Xylenes, Total	ND		ug/L	750000	1500000	100000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/30/2016 17:15	12/01/2016 09:46	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	103 %			69-130						
2037-26-5	Surrogate: Toluene-d8	96.1 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	101 %			79-122						

Semi-Volatiles, 8270 Target List

Log-in Notes:

VOA-CONT

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
120-82-1	1,2,4-Trichlorobenzene	ND	HT-01	ug/L	70000	140000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 17:30	SR
95-50-1	1,2-Dichlorobenzene	ND	HT-01	ug/L	70000	140000	100	EPA 8270D Certifications: NELAC-NY10854,PADEP	11/21/2016 11:53	11/22/2016 17:30	SR
541-73-1	1,3-Dichlorobenzene	ND	HT-01	ug/L	70000	140000	100	EPA 8270D Certifications: NELAC-NY10854,PADEP	11/21/2016 11:53	11/22/2016 17:30	SR
106-46-7	1,4-Dichlorobenzene	ND	HT-01	ug/L	70000	140000	100	EPA 8270D Certifications: NELAC-NY10854,PADEP	11/21/2016 11:53	11/22/2016 17:30	SR
95-95-4	2,4,5-Trichlorophenol	ND	HT-01	ug/L	70000	140000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 17:30	SR
88-06-2	2,4,6-Trichlorophenol	ND	HT-01	ug/L	70000	140000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 17:30	SR
120-83-2	2,4-Dichlorophenol	ND	HT-01	ug/L	70000	140000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 17:30	SR
105-67-9	2,4-Dimethylphenol	ND	HT-01	ug/L	70000	140000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 17:30	SR
51-28-5	2,4-Dinitrophenol	ND	HT-01	ug/L	70000	140000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 17:30	SR
121-14-2	2,4-Dinitrotoluene	ND	HT-01	ug/L	70000	140000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 17:30	SR
606-20-2	2,6-Dinitrotoluene	ND	HT-01	ug/L	70000	140000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 17:30	SR
91-58-7	2-Chloronaphthalene	ND	HT-01	ug/L	70000	140000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 17:30	SR
95-57-8	2-Chlorophenol	ND	HT-01	ug/L	70000	140000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 17:30	SR
91-57-6	2-Methylnaphthalene	ND	HT-01	ug/L	70000	140000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 17:30	SR
95-48-7	2-Methylphenol	ND	HT-01	ug/L	70000	140000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 17:30	SR



Sample Information

Client Sample ID: NLD2

York Sample ID: 16K0579-06

York Project (SDG) No.

16K0579

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 10:00 am

Date Received

11/14/2016

Semi-Volatiles, 8270 Target List

Log-in Notes:

VOA-CONT

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
88-74-4	2-Nitroaniline	ND	HT-01	ug/L	70000	140000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 17:30	SR
88-75-5	2-Nitrophenol	ND	HT-01	ug/L	70000	140000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 17:30	SR
65794-96-9	3- & 4-Methylphenols	ND	HT-01	ug/L	70000	140000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 17:30	SR
91-94-1	3,3'-Dichlorobenzidine	ND	HT-01	ug/L	70000	140000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 17:30	SR
99-09-2	3-Nitroaniline	ND	HT-01	ug/L	70000	140000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 17:30	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND	HT-01	ug/L	70000	140000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 17:30	SR
101-55-3	4-Bromophenyl phenyl ether	ND	HT-01	ug/L	70000	140000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 17:30	SR
59-50-7	4-Chloro-3-methylphenol	ND	HT-01	ug/L	70000	140000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 17:30	SR
106-47-8	4-Chloroaniline	ND	HT-01	ug/L	70000	140000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 17:30	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND	HT-01	ug/L	70000	140000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 17:30	SR
100-01-6	4-Nitroaniline	ND	HT-01	ug/L	70000	140000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 17:30	SR
100-02-7	4-Nitrophenol	ND	HT-01	ug/L	70000	140000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 17:30	SR
83-32-9	Acenaphthene	ND	HT-01	ug/L	1400	140000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 17:30	SR
208-96-8	Acenaphthylene	ND	HT-01	ug/L	1400	140000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 17:30	SR
62-53-3	Aniline	ND	HT-01	ug/L	70000	140000	100	EPA 8270D Certifications:	11/21/2016 11:53 NELAC-NY10854,NJDEP,PADEP	11/22/2016 17:30	SR
120-12-7	Anthracene	ND	HT-01	ug/L	1400	140000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 17:30	SR
56-55-3	Benzo(a)anthracene	ND	HT-01	ug/L	1400	140000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 17:30	SR
50-32-8	Benzo(a)pyrene	ND	HT-01	ug/L	1400	140000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 17:30	SR
205-99-2	Benzo(b)fluoranthene	ND	HT-01	ug/L	1400	140000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 17:30	SR
191-24-2	Benzo(g,h,i)perylene	ND	HT-01	ug/L	1400	140000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 17:30	SR
207-08-9	Benzo(k)fluoranthene	ND	HT-01	ug/L	1400	140000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 17:30	SR
100-51-6	Benzyl alcohol	ND	HT-01	ug/L	70000	140000	100	EPA 8270D Certifications:	11/21/2016 11:53 NELAC-NY10854,NJDEP,PADEP	11/22/2016 17:30	SR
85-68-7	Benzyl butyl phthalate	ND	HT-01	ug/L	70000	140000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 17:30	SR



Sample Information

Client Sample ID: NLD2

York Sample ID: 16K0579-06

York Project (SDG) No.

16K0579

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 10:00 am

Date Received

11/14/2016

Semi-Volatiles, 8270 Target List

Log-in Notes:

VOA-CONT

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
111-91-1	Bis(2-chloroethoxy)methane	ND	HT-01	ug/L	70000	140000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 17:30	SR
111-44-4	Bis(2-chloroethyl)ether	ND	HT-01	ug/L	70000	140000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 17:30	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND	HT-01	ug/L	70000	140000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 17:30	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND	HT-01	ug/L	14000	140000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 17:30	SR
218-01-9	Chrysene	ND	HT-01	ug/L	1400	140000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 17:30	SR
53-70-3	Dibenzo(a,h)anthracene	ND	HT-01	ug/L	1400	140000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 17:30	SR
132-64-9	Dibenzofuran	ND	HT-01	ug/L	70000	140000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 17:30	SR
84-66-2	Diethyl phthalate	ND	HT-01	ug/L	70000	140000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 17:30	SR
131-11-3	Dimethyl phthalate	ND	HT-01	ug/L	70000	140000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 17:30	SR
84-74-2	Di-n-butyl phthalate	ND	HT-01	ug/L	70000	140000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 17:30	SR
117-84-0	Di-n-octyl phthalate	ND	HT-01	ug/L	70000	140000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 17:30	SR
206-44-0	Fluoranthene	ND	HT-01	ug/L	1400	140000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 17:30	SR
86-73-7	Fluorene	ND	HT-01	ug/L	1400	140000	100	EPA 8270D Certifications:	11/21/2016 11:53 NELAC-NY10854,NJDEP,PADEP	11/22/2016 17:30	SR
118-74-1	Hexachlorobenzene	ND	HT-01	ug/L	560	140000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 17:30	SR
87-68-3	Hexachlorobutadiene	ND	HT-01	ug/L	14000	140000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 17:30	SR
77-47-4	Hexachlorocyclopentadiene	ND	HT-01	ug/L	70000	140000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 17:30	SR
67-72-1	Hexachloroethane	ND	HT-01	ug/L	14000	140000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 17:30	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND	HT-01	ug/L	1400	140000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 17:30	SR
78-59-1	Isophorone	ND	HT-01	ug/L	70000	140000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 17:30	SR
91-20-3	Naphthalene	ND	HT-01	ug/L	1400	140000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 17:30	SR
98-95-3	Nitrobenzene	ND	HT-01	ug/L	7000	140000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 17:30	SR
62-75-9	N-Nitrosodimethylamine	ND	HT-01	ug/L	14000	140000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 17:30	SR
621-64-7	N-nitroso-di-n-propylamine	ND	HT-01	ug/L	70000	140000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 17:30	SR



Sample Information

Client Sample ID: NLD2

York Sample ID: 16K0579-06

York Project (SDG) No.

16K0579

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 10:00 am

Date Received

11/14/2016

Semi-Volatiles, 8270 Target List

Log-in Notes:

VOA-CONT

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
86-30-6	N-Nitrosodiphenylamine	ND	HT-01	ug/L	70000	140000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 17:30	SR
87-86-5	Pentachlorophenol	ND	HT-01	ug/L	7000	140000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 17:30	SR
85-01-8	Phenanthrene	ND	HT-01	ug/L	1400	140000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 17:30	SR
108-95-2	Phenol	ND	HT-01	ug/L	70000	140000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 17:30	SR
129-00-0	Pyrene	ND	HT-01	ug/L	1400	140000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 17:30	SR
110-86-1	Pyridine	ND	HT-01	ug/L	70000	140000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 17:30	SR
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	%	HT-01								
4165-62-2	Surrogate: Phenol-d5	2350 %	HT-01								
4165-60-0	Surrogate: Nitrobenzene-d5	%	HT-01								
321-60-8	Surrogate: 2-Fluorobiphenyl	%	HT-01								
118-79-6	Surrogate: 2,4,6-Tribromophenol	%	HT-01								
1718-51-0	Surrogate: Terphenyl-d14	55.7 %	HT-01								

Metals, RCRA

Log-in Notes:

VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.200	0.200	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/23/2016 11:05	11/24/2016 02:56	KV
7440-39-3	Barium	0.601		mg/L	0.500	0.500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/23/2016 11:05	11/24/2016 02:56	KV
7440-43-9	Cadmium	ND		mg/L	0.150	0.150	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/23/2016 11:05	11/24/2016 02:56	KV
7440-47-3	Chromium	25.8		mg/L	0.250	0.250	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/23/2016 11:05	11/24/2016 02:56	KV
7439-92-1	Lead	ND		mg/L	0.150	0.150	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/23/2016 11:05	11/24/2016 02:56	KV
7782-49-2	Selenium	ND		mg/L	0.500	0.500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/23/2016 11:05	11/24/2016 02:56	KV
7440-22-4	Silver	ND		mg/L	0.250	0.250	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/23/2016 11:05	11/24/2016 02:56	KV

Mercury by 7470/7471

Log-in Notes:

VOA-CONT

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
120 RESEARCH DRIVE	STRATFORD, CT 06615							132-02 89th AVENUE	RICHMOND HILL, NY 11418		
www.YORKLAB.com	(203) 325-1371							FAX (203) 357-0166	ClientServices@		



Sample Information

Client Sample ID: NLD2

York Sample ID: 16K0579-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16K0579

CL2-45 (Carville Leather Site, Johnstown NY)

Waste Water

November 10, 2016 10:00 am

11/14/2016

Mercury by 7470/7471

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	ND		mg/L	0.0040	0.0040	20	EPA 7470 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/29/2016 15:16	11/29/2016 15:16	AA

Flashpoint

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
	* Flashpoint	> 200	HT-01	°F	50.0	50.0	1	ASTM D93 Certifications:	11/29/2016 12:56	11/29/2016 15:57	TJM

pH

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	6.62	HT-pH	pH units		0.500	1	SM 4500 H+B Certifications: CTDOH	11/29/2016 12:12	11/29/2016 14:05	DM1

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/L	0.125	0.125	1	EPA SW-846 Ch.7.3.3 Certifications:	11/22/2016 10:46	11/23/2016 06:14	DM1

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/L	75.0	75.0	1	EPA SW-846 Ch.7.3.4 Certifications:	11/22/2016 10:55	11/22/2016 19:57	DM1

Sample Information

Client Sample ID: NLD3

York Sample ID: 16K0579-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16K0579

CL2-45 (Carville Leather Site, Johnstown NY)

Waste Water

November 10, 2016 10:10 am

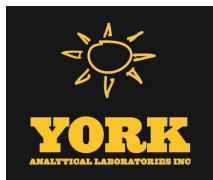
11/14/2016

Volatile Organics, 8260 List

Log-in Notes:

VOA-CONT

Sample Notes: HT-01



Sample Information

Client Sample ID: NLD3

York Sample ID: 16K0579-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16K0579

CL2-45 (Carville Leather Site, Johnstown NY)

Waste Water

November 10, 2016 10:10 am

11/14/2016

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	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 10:26	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 10:26	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 10:26	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 10:26	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 10:26	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 10:26	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 10:26	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 NELAC-NY10854,NJDEP,PADEP	12/01/2016 10:26	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 NELAC-NY10854,NJDEP,PADEP	12/01/2016 10:26	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 NELAC-NY10854,NJDEP,PADEP	12/01/2016 10:26	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 NELAC-NY10854,NJDEP,PADEP	12/01/2016 10:26	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 10:26	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 10:26	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 10:26	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 10:26	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 10:26	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 10:26	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 10:26	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 10:26	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 NELAC-NY10854,NJDEP,PADEP	12/01/2016 10:26	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 10:26	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 NELAC-NY10854,NJDEP,PADEP	12/01/2016 10:26	SS
78-93-3	2-Butanone	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 10:26	SS
95-49-8	2-Chlorotoluene	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 10:26	SS



Sample Information

Client Sample ID: NLD3

York Sample ID: 16K0579-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16K0579

CL2-45 (Carville Leather Site, Johnstown NY)

Waste Water

November 10, 2016 10:10 am

11/14/2016

Volatile Organics, 8260 List

Log-in Notes:

VOA-CONT

Sample Notes: HT-01

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-43-4	4-Chlorotoluene	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 10:26	SS
67-64-1	Acetone	ND		ug/L	500000	1000000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 10:26	SS
71-43-2	Benzene	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 10:26	SS
108-86-1	Bromobenzene	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 NELAC-NY10854,NJDEP,PADEP	12/01/2016 10:26	SS
74-97-5	Bromochloromethane	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 NELAC-NY10854,NJDEP,PADEP	12/01/2016 10:26	SS
75-27-4	Bromodichloromethane	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 10:26	SS
75-25-2	Bromoform	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 10:26	SS
74-83-9	Bromomethane	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 10:26	SS
56-23-5	Carbon tetrachloride	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 10:26	SS
108-90-7	Chlorobenzene	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 10:26	SS
75-00-3	Chloroethane	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 10:26	SS
67-66-3	Chloroform	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 10:26	SS
74-87-3	Chloromethane	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 10:26	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 10:26	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 10:26	SS
124-48-1	Dibromochloromethane	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 10:26	SS
74-95-3	Dibromomethane	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 NELAC-NY10854,NJDEP,PADEP	12/01/2016 10:26	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 NELAC-NY10854,NJDEP,PADEP	12/01/2016 10:26	SS
100-41-4	Ethyl Benzene	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 10:26	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 NELAC-NY10854,NJDEP,PADEP	12/01/2016 10:26	SS
98-82-8	Isopropylbenzene	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 10:26	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 10:26	SS
75-09-2	Methylene chloride	ND		ug/L	250000	1000000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 10:26	SS

Sample Information

Client Sample ID: NLD3

York Sample ID: 16K0579-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16K0579

CL2-45 (Carville Leather Site, Johnstown NY)

Waste Water

November 10, 2016 10:10 am

11/14/2016

Volatile Organics, 8260 List

Log-in Notes:

VOA-CONT

Sample Notes: HT-01

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/L	250000	1000000	100000	EPA 8260C Certifications:	11/30/2016 17:15 NELAC-NY10854,NJDEP,PADEP	12/01/2016 10:26	SS
104-51-8	n-Butylbenzene	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 10:26	SS
103-65-1	n-Propylbenzene	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 10:26	SS
95-47-6	o-Xylene	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,PADEP	12/01/2016 10:26	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	500000	1000000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,PADEP	12/01/2016 10:26	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 10:26	SS
135-98-8	sec-Butylbenzene	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 10:26	SS
100-42-5	Styrene	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 10:26	SS
98-06-6	tert-Butylbenzene	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 10:26	SS
127-18-4	Tetrachloroethylene	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 10:26	SS
108-88-3	Toluene	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 10:26	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 10:26	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 10:26	SS
79-01-6	Trichloroethylene	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 10:26	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 10:26	SS
108-05-4	Vinyl acetate	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 NELAC-NY10854,NJDEP	12/01/2016 10:26	SS
75-01-4	Vinyl Chloride	ND		ug/L	250000	500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 10:26	SS
1330-20-7	Xylenes, Total	ND		ug/L	750000	1500000	100000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP	12/01/2016 10:26	SS

Surrogate Recoveries

Result

Acceptance Range

17060-07-0 *Surrogate: 1,2-Dichloroethane-d4*

105 %

69-130

2037-26-5 *Surrogate: Toluene-d8*

94.4 %

81-117

460-00-4 *Surrogate: p-Bromofluorobenzene*

98.2 %

79-122

Semi-Volatiles, 8270 Target List

Log-in Notes:

VOA-CONT

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
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120 RESEARCH DRIVE

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132-02 89th AVENUE

FAX (203) 357-0166

RICHMOND HILL, NY 11418

ClientServices@



Sample Information

Client Sample ID: NLD3

York Sample ID: 16K0579-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16K0579

CL2-45 (Carville Leather Site, Johnstown NY)

Waste Water

November 10, 2016 10:10 am

11/14/2016

Semi-Volatiles, 8270 Target List

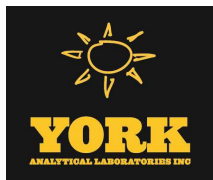
Log-in Notes:

VOA-CONT

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
120-82-1	1,2,4-Trichlorobenzene	ND	HT-01	ug/L	138000	275000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 18:02	SR
95-50-1	1,2-Dichlorobenzene	ND	HT-01	ug/L	138000	275000	100	EPA 8270D Certifications: NELAC-NY10854,PADEP	11/21/2016 11:53	11/22/2016 18:02	SR
541-73-1	1,3-Dichlorobenzene	ND	HT-01	ug/L	138000	275000	100	EPA 8270D Certifications: NELAC-NY10854,PADEP	11/21/2016 11:53	11/22/2016 18:02	SR
106-46-7	1,4-Dichlorobenzene	ND	HT-01	ug/L	138000	275000	100	EPA 8270D Certifications: NELAC-NY10854,PADEP	11/21/2016 11:53	11/22/2016 18:02	SR
95-95-4	2,4,5-Trichlorophenol	ND	HT-01	ug/L	138000	275000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 18:02	SR
88-06-2	2,4,6-Trichlorophenol	ND	HT-01	ug/L	138000	275000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 18:02	SR
120-83-2	2,4-Dichlorophenol	ND	HT-01	ug/L	138000	275000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 18:02	SR
105-67-9	2,4-Dimethylphenol	ND	HT-01	ug/L	138000	275000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 18:02	SR
51-28-5	2,4-Dinitrophenol	ND	HT-01	ug/L	138000	275000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 18:02	SR
121-14-2	2,4-Dinitrotoluene	ND	HT-01	ug/L	138000	275000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 18:02	SR
606-20-2	2,6-Dinitrotoluene	ND	HT-01	ug/L	138000	275000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 18:02	SR
91-58-7	2-Chloronaphthalene	ND	HT-01	ug/L	138000	275000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 18:02	SR
95-57-8	2-Chlorophenol	ND	HT-01	ug/L	138000	275000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 18:02	SR
91-57-6	2-Methylnaphthalene	ND	HT-01	ug/L	138000	275000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 18:02	SR
95-48-7	2-Methylphenol	ND	HT-01	ug/L	138000	275000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 18:02	SR
88-74-4	2-Nitroaniline	ND	HT-01	ug/L	138000	275000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 18:02	SR
88-75-5	2-Nitrophenol	ND	HT-01	ug/L	138000	275000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 18:02	SR
65794-96-9	3- & 4-Methylphenols	ND	HT-01	ug/L	138000	275000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 18:02	SR
91-94-1	3,3'-Dichlorobenzidine	ND	HT-01	ug/L	138000	275000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 18:02	SR
99-09-2	3-Nitroaniline	ND	HT-01	ug/L	138000	275000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 18:02	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND	HT-01	ug/L	138000	275000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 18:02	SR
101-55-3	4-Bromophenyl phenyl ether	ND	HT-01	ug/L	138000	275000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 18:02	SR
59-50-7	4-Chloro-3-methylphenol	ND	HT-01	ug/L	138000	275000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 18:02	SR



Sample Information

Client Sample ID: NLD3

York Sample ID: 16K0579-07

York Project (SDG) No.

16K0579

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 10:10 am

Date Received

11/14/2016

Semi-Volatiles, 8270 Target List

Log-in Notes:

VOA-CONT

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
106-47-8	4-Chloroaniline	ND	HT-01	ug/L	138000	275000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 18:02	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND	HT-01	ug/L	138000	275000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 18:02	SR
100-01-6	4-Nitroaniline	ND	HT-01	ug/L	138000	275000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 18:02	SR
100-02-7	4-Nitrophenol	ND	HT-01	ug/L	138000	275000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 18:02	SR
83-32-9	Acenaphthene	ND	HT-01	ug/L	2750	275000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 18:02	SR
208-96-8	Acenaphthylene	ND	HT-01	ug/L	2750	275000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 18:02	SR
62-53-3	Aniline	ND	HT-01	ug/L	138000	275000	100	EPA 8270D Certifications:	11/21/2016 11:53 NELAC-NY10854,NJDEP,PADEP	11/22/2016 18:02	SR
120-12-7	Anthracene	ND	HT-01	ug/L	2750	275000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 18:02	SR
56-55-3	Benzo(a)anthracene	ND	HT-01	ug/L	2750	275000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 18:02	SR
50-32-8	Benzo(a)pyrene	ND	HT-01	ug/L	2750	275000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 18:02	SR
205-99-2	Benzo(b)fluoranthene	ND	HT-01	ug/L	2750	275000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 18:02	SR
191-24-2	Benzo(g,h,i)perylene	ND	HT-01	ug/L	2750	275000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 18:02	SR
207-08-9	Benzo(k)fluoranthene	ND	HT-01	ug/L	2750	275000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 18:02	SR
100-51-6	Benzyl alcohol	ND	HT-01	ug/L	138000	275000	100	EPA 8270D Certifications:	11/21/2016 11:53 NELAC-NY10854,NJDEP,PADEP	11/22/2016 18:02	SR
85-68-7	Benzyl butyl phthalate	ND	HT-01	ug/L	138000	275000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 18:02	SR
111-91-1	Bis(2-chloroethoxy)methane	ND	HT-01	ug/L	138000	275000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 18:02	SR
111-44-4	Bis(2-chloroethyl)ether	ND	HT-01	ug/L	138000	275000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 18:02	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND	HT-01	ug/L	138000	275000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 18:02	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND	HT-01	ug/L	27500	275000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 18:02	SR
218-01-9	Chrysene	ND	HT-01	ug/L	2750	275000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 18:02	SR
53-70-3	Dibenzo(a,h)anthracene	ND	HT-01	ug/L	2750	275000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 18:02	SR
132-64-9	Dibenzofuran	ND	HT-01	ug/L	138000	275000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 18:02	SR
84-66-2	Diethyl phthalate	ND	HT-01	ug/L	138000	275000	100	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 18:02	SR



Sample Information

Client Sample ID: NLD3

York Sample ID: 16K0579-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16K0579

CL2-45 (Carville Leather Site, Johnstown NY)

Waste Water

November 10, 2016 10:10 am

11/14/2016

Semi-Volatiles, 8270 Target List

Log-in Notes:

VOA-CONT

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
131-11-3	Dimethyl phthalate	ND	HT-01	ug/L	138000	275000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 18:02	SR
84-74-2	Di-n-butyl phthalate	ND	HT-01	ug/L	138000	275000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 18:02	SR
117-84-0	Di-n-octyl phthalate	ND	HT-01	ug/L	138000	275000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 18:02	SR
206-44-0	Fluoranthene	ND	HT-01	ug/L	2750	275000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 18:02	SR
86-73-7	Fluorene	ND	HT-01	ug/L	2750	275000	100	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 18:02	SR
118-74-1	Hexachlorobenzene	ND	HT-01	ug/L	1100	275000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 18:02	SR
87-68-3	Hexachlorobutadiene	ND	HT-01	ug/L	27500	275000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 18:02	SR
77-47-4	Hexachlorocyclopentadiene	ND	HT-01	ug/L	138000	275000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 18:02	SR
67-72-1	Hexachloroethane	ND	HT-01	ug/L	27500	275000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 18:02	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND	HT-01	ug/L	2750	275000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 18:02	SR
78-59-1	Isophorone	ND	HT-01	ug/L	138000	275000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 18:02	SR
91-20-3	Naphthalene	ND	HT-01	ug/L	2750	275000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 18:02	SR
98-95-3	Nitrobenzene	ND	HT-01	ug/L	13800	275000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 18:02	SR
62-75-9	N-Nitrosodimethylamine	ND	HT-01	ug/L	27500	275000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 18:02	SR
621-64-7	N-nitroso-di-n-propylamine	ND	HT-01	ug/L	138000	275000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 18:02	SR
86-30-6	N-Nitrosodiphenylamine	ND	HT-01	ug/L	138000	275000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 18:02	SR
87-86-5	Pentachlorophenol	ND	HT-01	ug/L	13800	275000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 18:02	SR
85-01-8	Phenanthrene	ND	HT-01	ug/L	2750	275000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 18:02	SR
108-95-2	Phenol	ND	HT-01	ug/L	138000	275000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 18:02	SR
129-00-0	Pyrene	ND	HT-01	ug/L	2750	275000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 18:02	SR
110-86-1	Pyridine	ND	HT-01	ug/L	138000	275000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 18:02	SR
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	%	HT-01	12-64							
4165-62-2	Surrogate: Phenol-d5	3540 %	HT-01	10-82							
4165-60-0	Surrogate: Nitrobenzene-d5	614 %	HT-01	12-96							



Sample Information

Client Sample ID: NLD3

York Sample ID: 16K0579-07

York Project (SDG) No.

16K0579

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 10:10 am

Date Received

11/14/2016

Semi-Volatiles, 8270 Target List

Log-in Notes: VOA-CONT

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
321-60-8	Surrogate: 2-Fluorobiphenyl	%	HT-01		16-84						
118-79-6	Surrogate: 2,4,6-Tribromophenol	%	HT-01		15-104						
1718-51-0	Surrogate: Terphenyl-d14	109 %	HT-01		15-106						

Metals, RCRA

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	2.00	2.00	10	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/23/2016 11:05	11/24/2016 03:01	KV
7440-39-3	Barium	ND		mg/L	5.00	5.00	10	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/23/2016 11:05	11/24/2016 03:01	KV
7440-43-9	Cadmium	ND		mg/L	1.50	1.50	10	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/23/2016 11:05	11/24/2016 03:01	KV
7440-47-3	Chromium	121		mg/L	2.50	2.50	10	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/23/2016 11:05	11/24/2016 03:01	KV
7439-92-1	Lead	ND		mg/L	1.50	1.50	10	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/23/2016 11:05	11/24/2016 03:01	KV
7782-49-2	Selenium	ND		mg/L	5.00	5.00	10	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/23/2016 11:05	11/24/2016 03:01	KV
7440-22-4	Silver	ND		mg/L	2.50	2.50	10	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/23/2016 11:05	11/24/2016 03:01	KV

Mercury by 7470/7471

Log-in Notes: VOA-CONT

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	0.0040	0.0040	20	EPA 7470 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/29/2016 15:16	11/29/2016 15:16	AA

Flashpoint

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Flashpoint		143	HT-01	°F	50.0	50.0	1	ASTM D93 Certifications:	11/29/2016 12:56	11/29/2016 15:57	TJM

pH

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: Analysis Preparation

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

Client Sample ID: NLD3

York Sample ID: 16K0579-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16K0579

CL2-45 (Carville Leather Site, Johnstown NY)

Waste Water

November 10, 2016 10:10 am

11/14/2016

pH

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		5.31	HT-pH	pH units		0.500	1	SM 4500 H+B	11/29/2016 12:12	11/29/2016 14:05	DM1
Certifications: CTDOH											

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/L	0.125	0.125	1	EPA SW-846 Ch.7.3.3	11/22/2016 10:46	11/23/2016 06:14	DM1
Certifications:											

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/L	75.0	75.0	1	EPA SW-846 Ch.7.3.4	11/22/2016 10:55	11/22/2016 19:57	DM1
Certifications:											

Sample Information

Client Sample ID: NLD4

York Sample ID: 16K0579-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16K0579

CL2-45 (Carville Leather Site, Johnstown NY)

Waste Water

November 10, 2016 10:20 am

11/14/2016

Volatile Organics, 8260 List

Log-in Notes: VOA-CONT

Sample Notes: HT-01

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	25000	50000	10000	EPA 8260C	11/30/2016 17:15	12/01/2016 03:47	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
71-55-6	1,1,1-Trichloroethane	ND		ug/L	25000	50000	10000	EPA 8260C	11/30/2016 17:15	12/01/2016 03:47	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	25000	50000	10000	EPA 8260C	11/30/2016 17:15	12/01/2016 03:47	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	25000	50000	10000	EPA 8260C	11/30/2016 17:15	12/01/2016 03:47	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
79-00-5	1,1,2-Trichloroethane	ND		ug/L	25000	50000	10000	EPA 8260C	11/30/2016 17:15	12/01/2016 03:47	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
75-34-3	1,1-Dichloroethane	ND		ug/L	25000	50000	10000	EPA 8260C	11/30/2016 17:15	12/01/2016 03:47	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
75-35-4	1,1-Dichloroethylene	ND		ug/L	25000	50000	10000	EPA 8260C	11/30/2016 17:15	12/01/2016 03:47	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											



Sample Information

Client Sample ID: NLD4

York Sample ID: 16K0579-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16K0579

CL2-45 (Carville Leather Site, Johnstown NY)

Waste Water

November 10, 2016 10:20 am

11/14/2016

Volatile Organics, 8260 List

Log-in Notes:

VOA-CONT

Sample Notes: HT-01

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
563-58-6	1,1-Dichloropropylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 03:47	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 03:47	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 03:47	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 03:47	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 03:47	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 03:47	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 03:47	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 03:47	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 03:47	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 03:47	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 03:47	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 03:47	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 03:47	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 03:47	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 03:47	SS
78-93-3	2-Butanone	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 03:47	SS
95-49-8	2-Chlorotoluene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 03:47	SS
106-43-4	4-Chlorotoluene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 03:47	SS
67-64-1	Acetone	ND		ug/L	50000	100000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 03:47	SS
71-43-2	Benzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 03:47	SS
108-86-1	Bromobenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 03:47	SS
74-97-5	Bromochloromethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 03:47	SS
75-27-4	Bromodichloromethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 03:47	SS



Sample Information

Client Sample ID: NLD4

York Sample ID: 16K0579-08

York Project (SDG) No.

16K0579

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 10:20 am

Date Received

11/14/2016

Volatile Organics, 8260 List

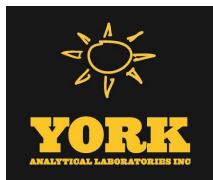
Log-in Notes:

VOA-CONT

Sample Notes: HT-01

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
75-25-2	Bromoform	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:47	SS
74-83-9	Bromomethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:47	SS
56-23-5	Carbon tetrachloride	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:47	SS
108-90-7	Chlorobenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:47	SS
75-00-3	Chloroethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:47	SS
67-66-3	Chloroform	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:47	SS
74-87-3	Chloromethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:47	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:47	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:47	SS
124-48-1	Dibromochloromethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:47	SS
74-95-3	Dibromomethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:47	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:47	SS
100-41-4	Ethyl Benzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:47	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:47	SS
98-82-8	Isopropylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:47	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:47	SS
75-09-2	Methylene chloride	ND		ug/L	25000	100000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:47	SS
91-20-3	Naphthalene	ND		ug/L	25000	100000	10000	EPA 8260C Certifications:	11/30/2016 17:15 NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:47	SS
104-51-8	n-Butylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:47	SS
103-65-1	n-Propylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:47	SS
95-47-6	o-Xylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,PADEP	12/01/2016 03:47	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	50000	100000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,PADEP	12/01/2016 03:47	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:47	SS



Sample Information

Client Sample ID: NLD4

York Sample ID: 16K0579-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16K0579

CL2-45 (Carville Leather Site, Johnstown NY)

Waste Water

November 10, 2016 10:20 am

11/14/2016

Volatile Organics, 8260 List

Log-in Notes:

VOA-CONT

Sample Notes: HT-01

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:47	SS
100-42-5	Styrene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:47	SS
98-06-6	tert-Butylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:47	SS
127-18-4	Tetrachloroethylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:47	SS
108-88-3	Toluene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:47	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:47	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:47	SS
79-01-6	Trichloroethylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:47	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:47	SS
108-05-4	Vinyl acetate	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 NELAC-NY10854,NJDEP	12/01/2016 03:47	SS
75-01-4	Vinyl Chloride	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 03:47	SS
1330-20-7	Xylenes, Total	ND		ug/L	75000	150000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP	12/01/2016 03:47	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	98.2 %	69-130								
2037-26-5	Surrogate: Toluene-d8	96.9 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	95.1 %	79-122								

Semi-Volatiles, 8270 Target List

Log-in Notes:

VOA-CONT

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
120-82-1	1,2,4-Trichlorobenzene	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 15:23	SR
95-50-1	1,2-Dichlorobenzene	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications:	11/21/2016 11:53 NELAC-NY10854,PADEP	11/22/2016 15:23	SR
541-73-1	1,3-Dichlorobenzene	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications:	11/21/2016 11:53 NELAC-NY10854,PADEP	11/22/2016 15:23	SR
106-46-7	1,4-Dichlorobenzene	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications:	11/21/2016 11:53 NELAC-NY10854,PADEP	11/22/2016 15:23	SR
95-95-4	2,4,5-Trichlorophenol	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 15:23	SR
88-06-2	2,4,6-Trichlorophenol	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 15:23	SR



Sample Information

Client Sample ID: NLD4

York Sample ID: 16K0579-08

York Project (SDG) No.

16K0579

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 10:20 am

Date Received

11/14/2016

Semi-Volatiles, 8270 Target List

Log-in Notes:

VOA-CONT

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
120-83-2	2,4-Dichlorophenol	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 15:23	SR
105-67-9	2,4-Dimethylphenol	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 15:23	SR
51-28-5	2,4-Dinitrophenol	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 15:23	SR
121-14-2	2,4-Dinitrotoluene	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 15:23	SR
606-20-2	2,6-Dinitrotoluene	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 15:23	SR
91-58-7	2-Chloronaphthalene	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 15:23	SR
95-57-8	2-Chlorophenol	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 15:23	SR
91-57-6	2-Methylnaphthalene	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 15:23	SR
95-48-7	2-Methylphenol	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 15:23	SR
88-74-4	2-Nitroaniline	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 15:23	SR
88-75-5	2-Nitrophenol	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 15:23	SR
65794-96-9	3- & 4-Methylphenols	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 15:23	SR
91-94-1	3,3'-Dichlorobenzidine	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 15:23	SR
99-09-2	3-Nitroaniline	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 15:23	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 15:23	SR
101-55-3	4-Bromophenyl phenyl ether	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 15:23	SR
59-50-7	4-Chloro-3-methylphenol	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 15:23	SR
106-47-8	4-Chloroaniline	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 15:23	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 15:23	SR
100-01-6	4-Nitroaniline	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 15:23	SR
100-02-7	4-Nitrophenol	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 15:23	SR
83-32-9	Acenaphthene	ND	HT-01	ug/L	1.00	100	2	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 15:23	SR
208-96-8	Acenaphthylene	ND	HT-01	ug/L	1.00	100	2	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 15:23	SR



Sample Information

Client Sample ID: NLD4

York Sample ID: 16K0579-08

York Project (SDG) No.

16K0579

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 10:20 am

Date Received

11/14/2016

Semi-Volatiles, 8270 Target List

Log-in Notes:

VOA-CONT

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
62-53-3	Aniline	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 15:23	SR
120-12-7	Anthracene	ND	HT-01	ug/L	1.00	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 15:23	SR
56-55-3	Benzo(a)anthracene	ND	HT-01	ug/L	1.00	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 15:23	SR
50-32-8	Benzo(a)pyrene	ND	HT-01	ug/L	1.00	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 15:23	SR
205-99-2	Benzo(b)fluoranthene	ND	HT-01	ug/L	1.00	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 15:23	SR
191-24-2	Benzo(g,h,i)perylene	ND	HT-01	ug/L	1.00	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 15:23	SR
207-08-9	Benzo(k)fluoranthene	ND	HT-01	ug/L	1.00	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 15:23	SR
100-51-6	Benzyl alcohol	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 15:23	SR
85-68-7	Benzyl butyl phthalate	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 15:23	SR
111-91-1	Bis(2-chloroethoxy)methane	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 15:23	SR
111-44-4	Bis(2-chloroethyl)ether	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 15:23	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 15:23	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND	HT-01	ug/L	10.0	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 15:23	SR
218-01-9	Chrysene	ND	HT-01	ug/L	1.00	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 15:23	SR
53-70-3	Dibenzo(a,h)anthracene	ND	HT-01	ug/L	1.00	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 15:23	SR
132-64-9	Dibenzofuran	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 15:23	SR
84-66-2	Diethyl phthalate	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 15:23	SR
131-11-3	Dimethyl phthalate	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 15:23	SR
84-74-2	Di-n-butyl phthalate	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 15:23	SR
117-84-0	Di-n-octyl phthalate	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 15:23	SR
206-44-0	Fluoranthene	ND	HT-01	ug/L	1.00	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 15:23	SR
86-73-7	Fluorene	ND	HT-01	ug/L	1.00	100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 15:23	SR
118-74-1	Hexachlorobenzene	ND	HT-01	ug/L	0.400	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 15:23	SR



Sample Information

Client Sample ID: NLD4

York Sample ID: 16K0579-08

York Project (SDG) No.

16K0579

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 10:20 am

Date Received

11/14/2016

Semi-Volatiles, 8270 Target List

Log-in Notes:

VOA-CONT

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
87-68-3	Hexachlorobutadiene	ND	HT-01	ug/L	10.0	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 15:23	SR
77-47-4	Hexachlorocyclopentadiene	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 15:23	SR
67-72-1	Hexachloroethane	ND	HT-01	ug/L	10.0	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 15:23	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND	HT-01	ug/L	1.00	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 15:23	SR
78-59-1	Isophorone	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 15:23	SR
91-20-3	Naphthalene	ND	HT-01	ug/L	1.00	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 15:23	SR
98-95-3	Nitrobenzene	ND	HT-01	ug/L	5.00	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 15:23	SR
62-75-9	N-Nitrosodimethylamine	ND	HT-01	ug/L	10.0	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 15:23	SR
621-64-7	N-nitroso-di-n-propylamine	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 15:23	SR
86-30-6	N-Nitrosodiphenylamine	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 15:23	SR
87-86-5	Pentachlorophenol	ND	HT-01	ug/L	5.00	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 15:23	SR
85-01-8	Phenanthrene	ND	HT-01	ug/L	1.00	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 15:23	SR
108-95-2	Phenol	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 15:23	SR
129-00-0	Pyrene	ND	HT-01	ug/L	1.00	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 15:23	SR
110-86-1	Pyridine	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 15:23	SR
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	36.8 %	HT-01	12-64							
4165-62-2	Surrogate: Phenol-d5	25.4 %	HT-01	10-82							
4165-60-0	Surrogate: Nitrobenzene-d5	75.2 %	HT-01	12-96							
321-60-8	Surrogate: 2-Fluorobiphenyl	71.3 %	HT-01	16-84							
118-79-6	Surrogate: 2,4,6-Tribromophenol	91.8 %	HT-01	15-104							
1718-51-0	Surrogate: Terphenyl-d14	64.7 %	HT-01	15-106							

Metals, RCRA

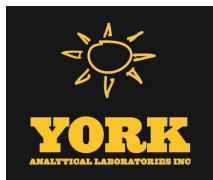
Log-in Notes:

VOA-CONT

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	0.303		mg/L	0.040	0.040	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/23/2016 11:05	11/24/2016 03:07	KV



Sample Information

Client Sample ID: NLD4

York Sample ID: 16K0579-08

York Project (SDG) No.

16K0579

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 10:20 am

Date Received

11/14/2016

Metals, RCRA

Log-in Notes:

VOA-CONT

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
7440-39-3	Barium	ND		mg/L	0.100	0.100	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/23/2016 11:05	11/24/2016 03:07	KV
7440-43-9	Cadmium	ND		mg/L	0.030	0.030	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/23/2016 11:05	11/24/2016 03:07	KV
7440-47-3	Chromium	2.51		mg/L	0.050	0.050	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/23/2016 11:05	11/24/2016 03:07	KV
7439-92-1	Lead	ND		mg/L	0.030	0.030	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/23/2016 11:05	11/24/2016 03:07	KV
7782-49-2	Selenium	ND		mg/L	0.100	0.100	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/23/2016 11:05	11/24/2016 03:07	KV
7440-22-4	Silver	ND		mg/L	0.050	0.050	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/23/2016 11:05	11/24/2016 03:07	KV

Mercury by 7470/7471

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	ND		mg/L	0.0040	0.0040	20	EPA 7470 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/29/2016 15:16	11/29/2016 15:16	AA

Flashpoint

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
	* Flashpoint	> 200	HT-01	°F	50.0	50.0	1	ASTM D93 Certifications:	11/29/2016 12:56	11/29/2016 15:57	TJM

pH

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	3.16	HT-pH	pH units		0.500	1	SM 4500 H+B Certifications: CTDOH	11/29/2016 12:12	11/29/2016 14:05	DM1

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/L	0.125	0.125	1	EPA SW-846 Ch.7.3.3 Certifications:	11/22/2016 10:46	11/23/2016 06:14	DM1

Reactivity-Sulfide

Log-in Notes:

VOA-CONT

Sample Notes:



Sample Information

Client Sample ID: NLD4

York Sample ID: 16K0579-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16K0579

CL2-45 (Carville Leather Site, Johnstown NY)

Waste Water

November 10, 2016 10:20 am

11/14/2016

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
	* Reactivity - Sulfide	ND		mg/L	75.0	75.0	1	EPA SW-846 Ch.7.3.4 Certifications:	11/22/2016 10:55	11/22/2016 19:57	DM1

Sample Information

Client Sample ID: NLD5

York Sample ID: 16K0579-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16K0579

CL2-45 (Carville Leather Site, Johnstown NY)

Waste Water

November 10, 2016 10:30 am

11/14/2016

Volatile Organics, 8260 List

Log-in Notes:

VOA-CONT

Sample Notes: HT-01

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	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 04:27	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 04:27	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 04:27	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 04:27	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 04:27	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 04:27	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 04:27	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 04:27	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 04:27	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 04:27	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 04:27	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 04:27	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 04:27	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 04:27	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 04:27	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 04:27	SS



Sample Information

Client Sample ID: NLD5

York Sample ID: 16K0579-09

York Project (SDG) No.

16K0579

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 10:30 am

Date Received

11/14/2016

Volatile Organics, 8260 List

Log-in Notes:

VOA-CONT

Sample Notes: HT-01

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-87-5	1,2-Dichloropropane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 04:27	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 04:27	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 04:27	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 NELAC-NY10854,NJDEP,PADEP	12/01/2016 04:27	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 04:27	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 NELAC-NY10854,NJDEP,PADEP	12/01/2016 04:27	SS
78-93-3	2-Butanone	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 04:27	SS
95-49-8	2-Chlorotoluene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 04:27	SS
106-43-4	4-Chlorotoluene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 04:27	SS
67-64-1	Acetone	ND		ug/L	50000	100000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 04:27	SS
71-43-2	Benzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 04:27	SS
108-86-1	Bromobenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 NELAC-NY10854,NJDEP,PADEP	12/01/2016 04:27	SS
74-97-5	Bromochloromethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 NELAC-NY10854,NJDEP,PADEP	12/01/2016 04:27	SS
75-27-4	Bromodichloromethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 04:27	SS
75-25-2	Bromoform	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 04:27	SS
74-83-9	Bromomethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 04:27	SS
56-23-5	Carbon tetrachloride	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 04:27	SS
108-90-7	Chlorobenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 04:27	SS
75-00-3	Chloroethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 04:27	SS
67-66-3	Chloroform	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 04:27	SS
74-87-3	Chloromethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 04:27	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 04:27	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 04:27	SS



Sample Information

Client Sample ID: NLD5

York Sample ID: 16K0579-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16K0579

CL2-45 (Carville Leather Site, Johnstown NY)

Waste Water

November 10, 2016 10:30 am

11/14/2016

Volatile Organics, 8260 List

Log-in Notes:

VOA-CONT

Sample Notes: HT-01

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 04:27	SS
74-95-3	Dibromomethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 NELAC-NY10854,NJDEP,PADEP	12/01/2016 04:27	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 NELAC-NY10854,NJDEP,PADEP	12/01/2016 04:27	SS
100-41-4	Ethyl Benzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 04:27	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 NELAC-NY10854,NJDEP,PADEP	12/01/2016 04:27	SS
98-82-8	Isopropylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 04:27	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 04:27	SS
75-09-2	Methylene chloride	ND		ug/L	25000	100000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 04:27	SS
91-20-3	Naphthalene	ND		ug/L	25000	100000	10000	EPA 8260C Certifications:	11/30/2016 17:15 NELAC-NY10854,NJDEP,PADEP	12/01/2016 04:27	SS
104-51-8	n-Butylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 04:27	SS
103-65-1	n-Propylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 04:27	SS
95-47-6	o-Xylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,PADEP	12/01/2016 04:27	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	50000	100000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,PADEP	12/01/2016 04:27	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 04:27	SS
135-98-8	sec-Butylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 04:27	SS
100-42-5	Styrene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 04:27	SS
98-06-6	tert-Butylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 04:27	SS
127-18-4	Tetrachloroethylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 04:27	SS
108-88-3	Toluene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 04:27	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 04:27	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 04:27	SS
79-01-6	Trichloroethylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 04:27	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications:	11/30/2016 17:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	12/01/2016 04:27	SS



Sample Information

Client Sample ID: NLD5

York Sample ID: 16K0579-09

York Project (SDG) No.

16K0579

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 10:30 am

Date Received

11/14/2016

Volatile Organics, 8260 List

Log-in Notes:

VOA-CONT

Sample Notes: HT-01

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-05-4	Vinyl acetate	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/30/2016 17:15	12/01/2016 04:27	SS
75-01-4	Vinyl Chloride	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 04:27	SS
1330-20-7	Xylenes, Total	ND		ug/L	75000	150000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/30/2016 17:15	12/01/2016 04:27	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	99.7 %			69-130						
2037-26-5	Surrogate: Toluene-d8	97.4 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	96.3 %			79-122						

Semi-Volatiles, 8270 Target List

Log-in Notes:

VOA-CONT

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
120-82-1	1,2,4-Trichlorobenzene	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 15:55	SR
95-50-1	1,2-Dichlorobenzene	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	11/21/2016 11:53	11/22/2016 15:55	SR
541-73-1	1,3-Dichlorobenzene	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	11/21/2016 11:53	11/22/2016 15:55	SR
106-46-7	1,4-Dichlorobenzene	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	11/21/2016 11:53	11/22/2016 15:55	SR
95-95-4	2,4,5-Trichlorophenol	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 15:55	SR
88-06-2	2,4,6-Trichlorophenol	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 15:55	SR
120-83-2	2,4-Dichlorophenol	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 15:55	SR
105-67-9	2,4-Dimethylphenol	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 15:55	SR
51-28-5	2,4-Dinitrophenol	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 15:55	SR
121-14-2	2,4-Dinitrotoluene	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 15:55	SR
606-20-2	2,6-Dinitrotoluene	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 15:55	SR
91-58-7	2-Chloronaphthalene	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 15:55	SR
95-57-8	2-Chlorophenol	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 15:55	SR
91-57-6	2-Methylnaphthalene	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 15:55	SR
95-48-7	2-Methylphenol	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 15:55	SR



Sample Information

Client Sample ID: NLD5

York Sample ID: 16K0579-09

York Project (SDG) No.

16K0579

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 10:30 am

Date Received

11/14/2016

Semi-Volatiles, 8270 Target List

Log-in Notes:

VOA-CONT

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
88-74-4	2-Nitroaniline	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 15:55	SR
88-75-5	2-Nitrophenol	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 15:55	SR
65794-96-9	3- & 4-Methylphenols	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 15:55	SR
91-94-1	3,3'-Dichlorobenzidine	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 15:55	SR
99-09-2	3-Nitroaniline	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 15:55	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 15:55	SR
101-55-3	4-Bromophenyl phenyl ether	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 15:55	SR
59-50-7	4-Chloro-3-methylphenol	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 15:55	SR
106-47-8	4-Chloroaniline	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 15:55	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 15:55	SR
100-01-6	4-Nitroaniline	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 15:55	SR
100-02-7	4-Nitrophenol	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 15:55	SR
83-32-9	Acenaphthene	ND	HT-01	ug/L	1.00	100	2	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 15:55	SR
208-96-8	Acenaphthylene	ND	HT-01	ug/L	1.00	100	2	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 15:55	SR
62-53-3	Aniline	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications:	11/21/2016 11:53 NELAC-NY10854,NJDEP,PADEP	11/22/2016 15:55	SR
120-12-7	Anthracene	ND	HT-01	ug/L	1.00	100	2	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 15:55	SR
56-55-3	Benzo(a)anthracene	ND	HT-01	ug/L	1.00	100	2	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 15:55	SR
50-32-8	Benzo(a)pyrene	ND	HT-01	ug/L	1.00	100	2	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 15:55	SR
205-99-2	Benzo(b)fluoranthene	ND	HT-01	ug/L	1.00	100	2	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 15:55	SR
191-24-2	Benzo(g,h,i)perylene	ND	HT-01	ug/L	1.00	100	2	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 15:55	SR
207-08-9	Benzo(k)fluoranthene	ND	HT-01	ug/L	1.00	100	2	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 15:55	SR
100-51-6	Benzyl alcohol	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications:	11/21/2016 11:53 NELAC-NY10854,NJDEP,PADEP	11/22/2016 15:55	SR
85-68-7	Benzyl butyl phthalate	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 15:55	SR



Sample Information

Client Sample ID: NLD5

York Sample ID: 16K0579-09

York Project (SDG) No.

16K0579

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 10:30 am

Date Received

11/14/2016

Semi-Volatiles, 8270 Target List

Log-in Notes:

VOA-CONT

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
111-91-1	Bis(2-chloroethoxy)methane	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 15:55	SR
111-44-4	Bis(2-chloroethyl)ether	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 15:55	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 15:55	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND	HT-01	ug/L	10.0	100	2	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 15:55	SR
218-01-9	Chrysene	ND	HT-01	ug/L	1.00	100	2	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 15:55	SR
53-70-3	Dibenzo(a,h)anthracene	ND	HT-01	ug/L	1.00	100	2	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 15:55	SR
132-64-9	Dibenzofuran	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 15:55	SR
84-66-2	Diethyl phthalate	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 15:55	SR
131-11-3	Dimethyl phthalate	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 15:55	SR
84-74-2	Di-n-butyl phthalate	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 15:55	SR
117-84-0	Di-n-octyl phthalate	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 15:55	SR
206-44-0	Fluoranthene	ND	HT-01	ug/L	1.00	100	2	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 15:55	SR
86-73-7	Fluorene	ND	HT-01	ug/L	1.00	100	2	EPA 8270D Certifications:	11/21/2016 11:53 NELAC-NY10854,NJDEP,PADEP	11/22/2016 15:55	SR
118-74-1	Hexachlorobenzene	ND	HT-01	ug/L	0.400	100	2	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 15:55	SR
87-68-3	Hexachlorobutadiene	ND	HT-01	ug/L	10.0	100	2	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 15:55	SR
77-47-4	Hexachlorocyclopentadiene	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 15:55	SR
67-72-1	Hexachloroethane	ND	HT-01	ug/L	10.0	100	2	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 15:55	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND	HT-01	ug/L	1.00	100	2	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 15:55	SR
78-59-1	Isophorone	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 15:55	SR
91-20-3	Naphthalene	ND	HT-01	ug/L	1.00	100	2	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 15:55	SR
98-95-3	Nitrobenzene	ND	HT-01	ug/L	5.00	100	2	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 15:55	SR
62-75-9	N-Nitrosodimethylamine	ND	HT-01	ug/L	10.0	100	2	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 15:55	SR
621-64-7	N-nitroso-di-n-propylamine	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications:	11/21/2016 11:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 15:55	SR



Sample Information

Client Sample ID: NLD5

York Sample ID: 16K0579-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16K0579

CL2-45 (Carville Leather Site, Johnstown NY)

Waste Water

November 10, 2016 10:30 am

11/14/2016

Semi-Volatiles, 8270 Target List

Log-in Notes:

VOA-CONT

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
86-30-6	N-Nitrosodiphenylamine	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 15:55	SR
87-86-5	Pentachlorophenol	ND	HT-01	ug/L	5.00	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 15:55	SR
85-01-8	Phenanthrene	ND	HT-01	ug/L	1.00	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 15:55	SR
108-95-2	Phenol	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 15:55	SR
129-00-0	Pyrene	ND	HT-01	ug/L	1.00	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 15:55	SR
110-86-1	Pyridine	ND	HT-01	ug/L	50.0	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 15:55	SR
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	33.6 %	HT-01								
4165-62-2	Surrogate: Phenol-d5	22.4 %	HT-01								
4165-60-0	Surrogate: Nitrobenzene-d5	78.2 %	HT-01								
321-60-8	Surrogate: 2-Fluorobiphenyl	70.6 %	HT-01								
118-79-6	Surrogate: 2,4,6-Tribromophenol	89.4 %	HT-01								
1718-51-0	Surrogate: Terphenyl-d14	64.4 %	HT-01								

Metals, RCRA

Log-in Notes:

VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	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 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/23/2016 11:05	11/24/2016 03:15	KV
7440-39-3	Barium	ND		mg/L	0.100	0.100	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/23/2016 11:05	11/24/2016 03:15	KV
7440-43-9	Cadmium	ND		mg/L	0.030	0.030	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/23/2016 11:05	11/24/2016 03:15	KV
7440-47-3	Chromium	ND		mg/L	0.050	0.050	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/23/2016 11:05	11/24/2016 03:15	KV
7439-92-1	Lead	ND		mg/L	0.030	0.030	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/23/2016 11:05	11/24/2016 03:15	KV
7782-49-2	Selenium	ND		mg/L	0.100	0.100	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/23/2016 11:05	11/24/2016 03:15	KV
7440-22-4	Silver	ND		mg/L	0.050	0.050	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/23/2016 11:05	11/24/2016 03:15	KV

Mercury by 7470/7471

Log-in Notes:

VOA-CONT

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
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Sample Information

Client Sample ID: NLD5

York Sample ID: 16K0579-09

York Project (SDG) No.

16K0579

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 10:30 am

Date Received

11/14/2016

Mercury by 7470/7471

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	ND		mg/L	0.0040	0.0040	20	EPA 7470 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/29/2016 15:16	11/29/2016 15:16	AA

Flashpoint

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
	* Flashpoint	> 200	HT-01	°F	50.0	50.0	1	ASTM D93 Certifications:	11/29/2016 12:56	11/29/2016 15:57	TJM

pH

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	6.76	HT-pH	pH units		0.500	1	SM 4500 H+B Certifications: CTDOH	11/29/2016 12:12	11/29/2016 14:05	DM1

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/L	0.125	0.125	1	EPA SW-846 Ch.7.3.3 Certifications:	11/22/2016 10:46	11/23/2016 06:14	DM1

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/L	75.0	75.0	1	EPA SW-846 Ch.7.3.4 Certifications:	11/22/2016 10:55	11/22/2016 19:57	DM1



Analytical Batch Summary

Batch ID: BK61078 **Preparation Method:** Analysis Preparation **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
16K0579-01	NLT1	11/21/16
16K0579-02	NLT2	11/21/16
16K0579-03	NLT3	11/21/16
16K0579-04	NLT4	11/21/16
BK61078-SRM1	Reference	11/21/16

Batch ID: BK61082 **Preparation Method:** EPA 3510C **Prepared By:** MKS

YORK Sample ID	Client Sample ID	Preparation Date
16K0579-01	NLT1	11/21/16
16K0579-02	NLT2	11/21/16
16K0579-03	NLT3	11/21/16
16K0579-04	NLT4	11/21/16
16K0579-05	NLD1	11/21/16
16K0579-06	NLD2	11/21/16
16K0579-07	NLD3	11/21/16
16K0579-08	NLD4	11/21/16
16K0579-09	NLD5	11/21/16
BK61082-BLK1	Blank	11/21/16
BK61082-BS1	LCS	11/21/16
BK61082-BSD1	LCS Dup	11/21/16

Batch ID: BK61135 **Preparation Method:** Analysis Preparation **Prepared By:** DM1

YORK Sample ID	Client Sample ID	Preparation Date
16K0579-01	NLT1	11/22/16
16K0579-02	NLT2	11/22/16
16K0579-03	NLT3	11/22/16
16K0579-04	NLT4	11/22/16
16K0579-05	NLD1	11/22/16
16K0579-06	NLD2	11/22/16
16K0579-07	NLD3	11/22/16
16K0579-08	NLD4	11/22/16
16K0579-09	NLD5	11/22/16
BK61135-BLK1	Blank	11/22/16

Batch ID: BK61136 **Preparation Method:** Analysis Preparation **Prepared By:** DM1

YORK Sample ID	Client Sample ID	Preparation Date
16K0579-01	NLT1	11/22/16
16K0579-02	NLT2	11/22/16
16K0579-03	NLT3	11/22/16
16K0579-04	NLT4	11/22/16
16K0579-05	NLD1	11/22/16



16K0579-06	NLD2	11/22/16
16K0579-07	NLD3	11/22/16
16K0579-08	NLD4	11/22/16
16K0579-09	NLD5	11/22/16
BK61136-BLK1	Blank	11/22/16
BK61136-DUP1	Duplicate	11/22/16

Batch ID: BK61221 **Preparation Method:** EPA 3015A **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
16K0579-01	NLT1	11/23/16
16K0579-02	NLT2	11/23/16
16K0579-03	NLT3	11/23/16
16K0579-04	NLT4	11/23/16
16K0579-05	NLD1	11/23/16
16K0579-06	NLD2	11/23/16
16K0579-07	NLD3	11/23/16
16K0579-08	NLD4	11/23/16
16K0579-09	NLD5	11/23/16
BK61221-BLK1	Blank	11/23/16
BK61221-DUP1	Duplicate	11/23/16
BK61221-MS1	Matrix Spike	11/23/16
BK61221-SRM1	Reference	11/23/16

Batch ID: BK61358 **Preparation Method:** Analysis Preparation **Prepared By:** DM1

YORK Sample ID	Client Sample ID	Preparation Date
16K0579-01	NLT1	11/29/16
16K0579-02	NLT2	11/29/16
16K0579-03	NLT3	11/29/16
16K0579-04	NLT4	11/29/16
16K0579-05	NLD1	11/29/16
16K0579-06	NLD2	11/29/16
16K0579-07	NLD3	11/29/16
16K0579-08	NLD4	11/29/16
16K0579-09	NLD5	11/29/16

Batch ID: BK61362 **Preparation Method:** Analysis Preparation **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
16K0579-05	NLD1	11/29/16
16K0579-06	NLD2	11/29/16
16K0579-07	NLD3	11/29/16
16K0579-08	NLD4	11/29/16
16K0579-09	NLD5	11/29/16
BK61362-SRM1	Reference	11/29/16

Batch ID: BK61369 **Preparation Method:** EPA SW846-7470 **Prepared By:** AA



YORK Sample ID	Client Sample ID	Preparation Date
16K0579-01	NLT1	11/29/16
16K0579-02	NLT2	11/29/16
16K0579-03	NLT3	11/29/16
16K0579-04	NLT4	11/29/16
16K0579-05	NLD1	11/29/16
16K0579-06	NLD2	11/29/16
16K0579-07	NLD3	11/29/16
16K0579-08	NLD4	11/29/16
16K0579-09	NLD5	11/29/16
BK61369-BLK1	Blank	11/29/16
BK61369-BS1	LCS	11/29/16
BK61369-BS2	LCS	11/29/16

Batch ID: BK61404 **Preparation Method:** EPA 5030B **Prepared By:** SA

YORK Sample ID	Client Sample ID	Preparation Date
16K0579-01	NLT1	11/30/16
16K0579-02	NLT2	11/30/16
16K0579-03	NLT3	11/30/16
16K0579-04	NLT4	11/30/16
BK61404-BLK1	Blank	11/30/16
BK61404-BS1	LCS	11/30/16
BK61404-BSD1	LCS Dup	11/30/16

Batch ID: BK61450 **Preparation Method:** EPA 5030B **Prepared By:** SA

YORK Sample ID	Client Sample ID	Preparation Date
16K0579-05	NLD1	11/30/16
16K0579-06	NLD2	11/30/16
16K0579-07	NLD3	11/30/16
16K0579-08	NLD4	11/30/16
16K0579-09	NLD5	11/30/16
BK61450-BLK1	Blank	11/30/16
BK61450-BS1	LCS	11/30/16
BK61450-BSD1	LCS Dup	11/30/16



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
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Batch BK61404 - EPA 5030B

Blank (BK61404-BLK1)

Prepared & Analyzed: 11/30/2016

1,1,1,2-Tetrachloroethane	ND	5.0	ug/L
1,1,1-Trichloroethane	ND	5.0	"
1,1,2,2-Tetrachloroethane	ND	5.0	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"
1,1,2-Trichloroethane	ND	5.0	"
1,1-Dichloroethane	ND	5.0	"
1,1-Dichloroethylene	ND	5.0	"
1,1-Dichloropropylene	ND	5.0	"
1,2,3-Trichlorobenzene	ND	5.0	"
1,2,3-Trichloropropane	ND	5.0	"
1,2,4-Trichlorobenzene	ND	5.0	"
1,2,4-Trimethylbenzene	ND	5.0	"
1,2-Dibromo-3-chloropropane	ND	5.0	"
1,2-Dibromoethane	ND	5.0	"
1,2-Dichlorobenzene	ND	5.0	"
1,2-Dichloroethane	ND	5.0	"
1,2-Dichloropropane	ND	5.0	"
1,3,5-Trimethylbenzene	ND	5.0	"
1,3-Dichlorobenzene	ND	5.0	"
1,3-Dichloropropane	ND	5.0	"
1,4-Dichlorobenzene	ND	5.0	"
2,2-Dichloropropane	ND	5.0	"
2-Butanone	ND	5.0	"
2-Chlorotoluene	ND	5.0	"
4-Chlorotoluene	ND	5.0	"
Acetone	ND	10	"
Benzene	ND	5.0	"
Bromobenzene	ND	5.0	"
Bromochloromethane	ND	5.0	"
Bromodichloromethane	ND	5.0	"
Bromoform	ND	5.0	"
Bromomethane	ND	5.0	"
Carbon tetrachloride	ND	5.0	"
Chlorobenzene	ND	5.0	"
Chloroethane	ND	5.0	"
Chloroform	ND	5.0	"
Chloromethane	ND	5.0	"
cis-1,2-Dichloroethylene	ND	5.0	"
cis-1,3-Dichloropropylene	ND	5.0	"
Dibromochloromethane	ND	5.0	"
Dibromomethane	ND	5.0	"
Dichlorodifluoromethane	ND	5.0	"
Ethyl Benzene	ND	5.0	"
Hexachlorobutadiene	ND	5.0	"
Isopropylbenzene	ND	5.0	"
Methyl tert-butyl ether (MTBE)	ND	5.0	"
Methylene chloride	ND	10	"
Naphthalene	ND	10	"
n-Butylbenzene	ND	5.0	"
n-Propylbenzene	ND	5.0	"



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BK61404 - EPA 5030B

Blank (BK61404-BLK1)

Prepared & Analyzed: 11/30/2016

o-Xylene	ND	5.0	ug/L
p- & m- Xylenes	ND	10	"
p-Isopropyltoluene	ND	5.0	"
sec-Butylbenzene	ND	5.0	"
Styrene	ND	5.0	"
tert-Butylbenzene	ND	5.0	"
Tetrachloroethylene	ND	5.0	"
Toluene	ND	5.0	"
trans-1,2-Dichloroethylene	ND	5.0	"
trans-1,3-Dichloropropylene	ND	5.0	"
Trichloroethylene	ND	5.0	"
Trichlorofluoromethane	ND	5.0	"
Vinyl acetate	ND	5.0	"
Vinyl Chloride	ND	5.0	"
Xylenes, Total	ND	15	"

Surrogate: 1,2-Dichloroethane-d4	10.5	"	10.0	105	69-130
Surrogate: Toluene-d8	9.72	"	10.0	97.2	81-117
Surrogate: p-Bromofluorobenzene	10.1	"	10.0	101	79-122

LCS (BK61404-BS1)

Prepared & Analyzed: 11/30/2016

1,1,1,2-Tetrachloroethane	9.74	ug/L	10.0	97.4	70-132
1,1,1-Trichloroethane	10.4	"	10.0	104	68-138
1,1,2,2-Tetrachloroethane	10.2	"	10.0	102	73-132
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.99	"	10.0	99.9	67-136
1,1,2-Trichloroethane	9.71	"	10.0	97.1	79-125
1,1-Dichloroethane	10.3	"	10.0	103	78-128
1,1-Dichloroethylene	9.40	"	10.0	94.0	68-134
1,1-Dichloropropylene	9.50	"	10.0	95.0	74-130
1,2,3-Trichlorobenzene	9.38	"	10.0	93.8	77-140
1,2,3-Trichloropropane	10.5	"	10.0	105	79-127
1,2,4-Trichlorobenzene	9.55	"	10.0	95.5	75-141
1,2,4-Trimethylbenzene	9.97	"	10.0	99.7	78-127
1,2-Dibromo-3-chloropropane	9.39	"	10.0	93.9	60-150
1,2-Dibromoethane	9.69	"	10.0	96.9	86-123
1,2-Dichlorobenzene	9.46	"	10.0	94.6	79-125
1,2-Dichloroethane	10.3	"	10.0	103	69-133
1,2-Dichloropropane	9.35	"	10.0	93.5	76-124
1,3,5-Trimethylbenzene	10.0	"	10.0	100	78-128
1,3-Dichlorobenzene	9.36	"	10.0	93.6	81-124
1,3-Dichloropropane	9.72	"	10.0	97.2	79-125
1,4-Dichlorobenzene	9.41	"	10.0	94.1	82-124
2,2-Dichloropropane	12.9	"	10.0	129	61-139
2-Butanone	11.8	"	10.0	118	44-169
2-Chlorotoluene	9.48	"	10.0	94.8	74-130
4-Chlorotoluene	9.30	"	10.0	93.0	75-127
Acetone	9.15	"	10.0	91.5	29-163
Benzene	9.73	"	10.0	97.3	72-134
Bromobenzene	9.79	"	10.0	97.9	74-129
Bromochloromethane	10.7	"	10.0	107	69-134
Bromodichloromethane	9.92	"	10.0	99.2	76-127
Bromoform	10.3	"	10.0	103	77-137



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BK61404 - EPA 5030B

LCS (BK61404-BS1)

Prepared & Analyzed: 11/30/2016

Bromomethane	10.6		ug/L	10.0		106	50-156				
Carbon tetrachloride	10.4		"	10.0		104	62-145				
Chlorobenzene	9.34		"	10.0		93.4	85-119				
Chloroethane	10.8		"	10.0		108	49-143				
Chloroform	10.4		"	10.0		104	74-131				
Chloromethane	11.3		"	10.0		113	43-134				
cis-1,2-Dichloroethylene	10.3		"	10.0		103	73-134				
cis-1,3-Dichloropropylene	9.90		"	10.0		99.0	77-128				
Dibromochloromethane	9.45		"	10.0		94.5	79-130				
Dibromomethane	9.68		"	10.0		96.8	78-128				
Dichlorodifluoromethane	11.4		"	10.0		114	38-139				
Ethyl Benzene	9.75		"	10.0		97.5	80-129				
Hexachlorobutadiene	9.51		"	10.0		95.1	72-141				
Isopropylbenzene	9.32		"	10.0		93.2	76-128				
Methyl tert-butyl ether (MTBE)	10.4		"	10.0		104	64-142				
Methylene chloride	9.19		"	10.0		91.9	56-142				
Naphthalene	9.14		"	10.0		91.4	79-144				
n-Butylbenzene	10.2		"	10.0		102	74-132				
n-Propylbenzene	9.49		"	10.0		94.9	72-135				
o-Xylene	9.34		"	10.0		93.4	81-123				
p- & m- Xylenes	19.6		"	20.0		97.8	79-130				
p-Isopropyltoluene	10.1		"	10.0		101	80-127				
sec-Butylbenzene	9.29		"	10.0		92.9	78-127				
Styrene	10.3		"	10.0		103	82-124				
tert-Butylbenzene	9.54		"	10.0		95.4	75-131				
Tetrachloroethylene	7.52		"	10.0		75.2	78-133	Low Bias			
Toluene	9.19		"	10.0		91.9	83-122				
trans-1,2-Dichloroethylene	9.34		"	10.0		93.4	59-145				
trans-1,3-Dichloropropylene	9.83		"	10.0		98.3	74-131				
Trichloroethylene	9.01		"	10.0		90.1	81-125				
Trichlorofluoromethane	11.5		"	10.0		115	61-144				
Vinyl acetate	10.1		"	10.0		101	32-165				
Vinyl Chloride	11.2		"	10.0		112	42-136				
Surrogate: 1,2-Dichloroethane-d4	10.4		"	10.0		104	69-130				
Surrogate: Toluene-d8	9.77		"	10.0		97.7	81-117				
Surrogate: p-Bromofluorobenzene	10.1		"	10.0		101	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 BK61404 - EPA 5030B											
LCS Dup (BK61404-BSD1)						Prepared & Analyzed: 11/30/2016					
1,1,1,2-Tetrachloroethane	9.89		ug/L	10.0		98.9	70-132		1.53	30	
1,1,1-Trichloroethane	10.5		"	10.0		105	68-138		0.383	30	
1,1,2,2-Tetrachloroethane	10.6		"	10.0		106	73-132		3.65	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.75		"	10.0		97.5	67-136		2.43	30	
1,1,2-Trichloroethane	9.87		"	10.0		98.7	79-125		1.63	30	
1,1-Dichloroethane	10.2		"	10.0		102	78-128		0.684	30	
1,1-Dichloroethylene	9.28		"	10.0		92.8	68-134		1.28	30	
1,1-Dichloropropylene	9.52		"	10.0		95.2	74-130		0.210	30	
1,2,3-Trichlorobenzene	9.66		"	10.0		96.6	77-140		2.94	30	
1,2,3-Trichloropropane	10.3		"	10.0		103	79-127		1.44	30	
1,2,4-Trichlorobenzene	10.0		"	10.0		100	75-141		4.80	30	
1,2,4-Trimethylbenzene	10.1		"	10.0		101	78-127		1.30	30	
1,2-Dibromo-3-chloropropane	9.29		"	10.0		92.9	60-150		1.07	30	
1,2-Dibromoethane	9.72		"	10.0		97.2	86-123		0.309	30	
1,2-Dichlorobenzene	9.54		"	10.0		95.4	79-125		0.842	30	
1,2-Dichloroethane	10.4		"	10.0		104	69-133		0.963	30	
1,2-Dichloropropane	9.54		"	10.0		95.4	76-124		2.01	30	
1,3,5-Trimethylbenzene	10.1		"	10.0		101	78-128		0.794	30	
1,3-Dichlorobenzene	9.66		"	10.0		96.6	81-124		3.15	30	
1,3-Dichloropropane	10.1		"	10.0		101	79-125		3.83	30	
1,4-Dichlorobenzene	9.72		"	10.0		97.2	82-124		3.24	30	
2,2-Dichloropropane	12.8		"	10.0		128	61-139		0.233	30	
2-Butanone	11.8		"	10.0		118	44-169		0.593	30	
2-Chlorotoluene	9.76		"	10.0		97.6	74-130		2.91	30	
4-Chlorotoluene	9.59		"	10.0		95.9	75-127		3.07	30	
Acetone	9.49		"	10.0		94.9	29-163		3.65	30	
Benzene	9.87		"	10.0		98.7	72-134		1.43	30	
Bromobenzene	9.96		"	10.0		99.6	74-129		1.72	30	
Bromochloromethane	10.7		"	10.0		107	69-134		0.375	30	
Bromodichloromethane	10.1		"	10.0		101	76-127		1.70	30	
Bromoform	10.4		"	10.0		104	77-137		0.482	30	
Bromomethane	10.9		"	10.0		109	50-156		2.51	30	
Carbon tetrachloride	10.5		"	10.0		105	62-145		0.668	30	
Chlorobenzene	9.27		"	10.0		92.7	85-119		0.752	30	
Chloroethane	10.1		"	10.0		101	49-143		6.79	30	
Chloroform	10.5		"	10.0		105	74-131		1.72	30	
Chloromethane	10.8		"	10.0		108	43-134		5.25	30	
cis-1,2-Dichloroethylene	10.5		"	10.0		105	73-134		1.83	30	
cis-1,3-Dichloropropylene	9.99		"	10.0		99.9	77-128		0.905	30	
Dibromochloromethane	9.85		"	10.0		98.5	79-130		4.15	30	
Dibromomethane	9.84		"	10.0		98.4	78-128		1.64	30	
Dichlorodifluoromethane	10.7		"	10.0		107	38-139		6.16	30	
Ethyl Benzene	9.79		"	10.0		97.9	80-129		0.409	30	
Hexachlorobutadiene	9.95		"	10.0		99.5	72-141		4.52	30	
Isopropylbenzene	9.52		"	10.0		95.2	76-128		2.12	30	
Methyl tert-butyl ether (MTBE)	10.7		"	10.0		107	64-142		2.65	30	
Methylene chloride	9.48		"	10.0		94.8	56-142		3.11	30	
Naphthalene	9.95		"	10.0		99.5	79-144		8.49	30	
n-Butylbenzene	10.4		"	10.0		104	74-132		1.65	30	
n-Propylbenzene	9.60		"	10.0		96.0	72-135		1.15	30	
o-Xylene	9.53		"	10.0		95.3	81-123		2.01	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
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Batch BK61404 - EPA 5030B

LCS Dup (BK61404-BSD1)

Prepared & Analyzed: 11/30/2016

p- & m- Xylenes	19.5		ug/L	20.0		97.6	79-130		0.154	30	
p-Isopropyltoluene	10.1		"	10.0		101	80-127		0.693	30	
sec-Butylbenzene	9.40		"	10.0		94.0	78-127		1.18	30	
Styrene	10.5		"	10.0		105	82-124		1.83	30	
tert-Butylbenzene	9.56		"	10.0		95.6	75-131		0.209	30	
Tetrachloroethylene	7.37		"	10.0		73.7	78-133	Low Bias	2.01	30	
Toluene	9.22		"	10.0		92.2	83-122		0.326	30	
trans-1,2-Dichloroethylene	9.40		"	10.0		94.0	59-145		0.640	30	
trans-1,3-Dichloropropylene	10.3		"	10.0		103	74-131		4.67	30	
Trichloroethylene	9.07		"	10.0		90.7	81-125		0.664	30	
Trichlorofluoromethane	10.9		"	10.0		109	61-144		5.36	30	
Vinyl acetate	10.5		"	10.0		105	32-165		3.21	30	
Vinyl Chloride	10.6		"	10.0		106	42-136		5.32	30	
Surrogate: 1,2-Dichloroethane-d4	10.6		"	10.0		106	69-130				
Surrogate: Toluene-d8	9.55		"	10.0		95.5	81-117				
Surrogate: p-Bromofluorobenzene	10.2		"	10.0		102	79-122				

Batch BK61450 - EPA 5030B

Blank (BK61450-BLK1)

Prepared: 11/30/2016 Analyzed: 12/01/2016

1,1,1,2-Tetrachloroethane	ND	5.0	ug/L
1,1,1-Trichloroethane	ND	5.0	"
1,1,2,2-Tetrachloroethane	ND	5.0	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"
1,1,2-Trichloroethane	ND	5.0	"
1,1-Dichloroethane	ND	5.0	"
1,1-Dichloroethylene	ND	5.0	"
1,1-Dichloropropylene	ND	5.0	"
1,2,3-Trichlorobenzene	ND	5.0	"
1,2,3-Trichloropropane	ND	5.0	"
1,2,4-Trichlorobenzene	ND	5.0	"
1,2,4-Trimethylbenzene	ND	5.0	"
1,2-Dibromo-3-chloropropane	ND	5.0	"
1,2-Dibromoethane	ND	5.0	"
1,2-Dichlorobenzene	ND	5.0	"
1,2-Dichloroethane	ND	5.0	"
1,2-Dichloropropane	ND	5.0	"
1,3,5-Trimethylbenzene	ND	5.0	"
1,3-Dichlorobenzene	ND	5.0	"
1,3-Dichloropropane	ND	5.0	"
1,4-Dichlorobenzene	ND	5.0	"
2,2-Dichloropropane	ND	5.0	"
2-Butanone	ND	5.0	"
2-Chlorotoluene	ND	5.0	"
4-Chlorotoluene	ND	5.0	"
Acetone	ND	10	"
Benzene	ND	5.0	"
Bromobenzene	ND	5.0	"
Bromochloromethane	ND	5.0	"
Bromodichloromethane	ND	5.0	"
Bromoform	ND	5.0	"



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
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Batch BK61450 - EPA 5030B

Blank (BK61450-BLK1)

Prepared: 11/30/2016 Analyzed: 12/01/2016

Bromomethane	ND	5.0	ug/L								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	ND	10	"								
Naphthalene	ND	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl acetate	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: 1,2-Dichloroethane-d4	9.76		"	10.0		97.6	69-130				
Surrogate: Toluene-d8	9.74		"	10.0		97.4	81-117				
Surrogate: p-Bromofluorobenzene	9.82		"	10.0		98.2	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 BK61450 - EPA 5030B											
LCS (BK61450-BS1)						Prepared: 11/30/2016 Analyzed: 12/01/2016					
1,1,1,2-Tetrachloroethane	9.78		ug/L	10.0		97.8	70-132				
1,1,1-Trichloroethane	9.95		"	10.0		99.5	68-138				
1,1,2,2-Tetrachloroethane	10.1		"	10.0		101	73-132				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.53		"	10.0		95.3	67-136				
1,1,2-Trichloroethane	9.98		"	10.0		99.8	79-125				
1,1-Dichloroethane	10.1		"	10.0		101	78-128				
1,1-Dichloroethylene	9.15		"	10.0		91.5	68-134				
1,1-Dichloropropylene	9.36		"	10.0		93.6	74-130				
1,2,3-Trichlorobenzene	9.38		"	10.0		93.8	77-140				
1,2,3-Trichloropropane	10.2		"	10.0		102	79-127				
1,2,4-Trichlorobenzene	9.80		"	10.0		98.0	75-141				
1,2,4-Trimethylbenzene	9.89		"	10.0		98.9	78-127				
1,2-Dibromo-3-chloropropane	9.57		"	10.0		95.7	60-150				
1,2-Dibromoethane	9.86		"	10.0		98.6	86-123				
1,2-Dichlorobenzene	9.49		"	10.0		94.9	79-125				
1,2-Dichloroethane	9.43		"	10.0		94.3	69-133				
1,2-Dichloropropane	9.60		"	10.0		96.0	76-124				
1,3,5-Trimethylbenzene	10.0		"	10.0		100	78-128				
1,3-Dichlorobenzene	9.49		"	10.0		94.9	81-124				
1,3-Dichloropropane	9.89		"	10.0		98.9	79-125				
1,4-Dichlorobenzene	9.23		"	10.0		92.3	82-124				
2,2-Dichloropropane	9.30		"	10.0		93.0	61-139				
2-Butanone	11.3		"	10.0		113	44-169				
2-Chlorotoluene	9.48		"	10.0		94.8	74-130				
4-Chlorotoluene	9.33		"	10.0		93.3	75-127				
Acetone	8.44		"	10.0		84.4	29-163				
Benzene	9.71		"	10.0		97.1	72-134				
Bromobenzene	9.76		"	10.0		97.6	74-129				
Bromochloromethane	10.5		"	10.0		105	69-134				
Bromodichloromethane	9.80		"	10.0		98.0	76-127				
Bromoform	10.4		"	10.0		104	77-137				
Bromomethane	13.0		"	10.0		130	50-156				
Carbon tetrachloride	9.99		"	10.0		99.9	62-145				
Chlorobenzene	9.36		"	10.0		93.6	85-119				
Chloroethane	10.4		"	10.0		104	49-143				
Chloroform	10.2		"	10.0		102	74-131				
Chloromethane	10.4		"	10.0		104	43-134				
cis-1,2-Dichloroethylene	9.77		"	10.0		97.7	73-134				
cis-1,3-Dichloropropylene	9.71		"	10.0		97.1	77-128				
Dibromochloromethane	9.73		"	10.0		97.3	79-130				
Dibromomethane	9.55		"	10.0		95.5	78-128				
Dichlorodifluoromethane	10.6		"	10.0		106	38-139				
Ethyl Benzene	9.69		"	10.0		96.9	80-129				
Hexachlorobutadiene	9.32		"	10.0		93.2	72-141				
Isopropylbenzene	9.43		"	10.0		94.3	76-128				
Methyl tert-butyl ether (MTBE)	10.5		"	10.0		105	64-142				
Methylene chloride	10.0		"	10.0		100	56-142				
Naphthalene	10.1		"	10.0		101	79-144				
n-Butylbenzene	9.91		"	10.0		99.1	74-132				
n-Propylbenzene	9.44		"	10.0		94.4	72-135				
o-Xylene	9.36		"	10.0		93.6	81-123				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BK61450 - EPA 5030B

LCS (BK61450-BS1)

Prepared: 11/30/2016 Analyzed: 12/01/2016

p- & m- Xylenes	19.5		ug/L	20.0		97.6	79-130				
p-Isopropyltoluene	9.91		"	10.0		99.1	80-127				
sec-Butylbenzene	9.23		"	10.0		92.3	78-127				
Styrene	10.5		"	10.0		105	82-124				
tert-Butylbenzene	9.39		"	10.0		93.9	75-131				
Tetrachloroethylene	9.63		"	10.0		96.3	78-133				
Toluene	9.32		"	10.0		93.2	83-122				
trans-1,2-Dichloroethylene	9.25		"	10.0		92.5	59-145				
trans-1,3-Dichloropropylene	9.91		"	10.0		99.1	74-131				
Trichloroethylene	9.05		"	10.0		90.5	81-125				
Trichlorofluoromethane	10.4		"	10.0		104	61-144				
Vinyl acetate	8.46		"	10.0		84.6	32-165				
Vinyl Chloride	10.7		"	10.0		107	42-136				
Surrogate: 1,2-Dichloroethane-d4	9.76		"	10.0		97.6	69-130				
Surrogate: Toluene-d8	9.65		"	10.0		96.5	81-117				
Surrogate: p-Bromofluorobenzene	9.90		"	10.0		99.0	79-122				

LCS Dup (BK61450-BSD1)

Prepared: 11/30/2016 Analyzed: 12/01/2016

1,1,1,2-Tetrachloroethane	9.73		ug/L	10.0		97.3	70-132		0.513	30	
1,1,1-Trichloroethane	10.3		"	10.0		103	68-138		3.55	30	
1,1,2,2-Tetrachloroethane	10.4		"	10.0		104	73-132		2.83	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.57		"	10.0		95.7	67-136		0.419	30	
1,1,2-Trichloroethane	9.87		"	10.0		98.7	79-125		1.11	30	
1,1-Dichloroethane	10.5		"	10.0		105	78-128		3.39	30	
1,1-Dichloroethylene	9.40		"	10.0		94.0	68-134		2.70	30	
1,1-Dichloropropylene	9.71		"	10.0		97.1	74-130		3.67	30	
1,2,3-Trichlorobenzene	9.68		"	10.0		96.8	77-140		3.15	30	
1,2,3-Trichloropropane	10.5		"	10.0		105	79-127		2.80	30	
1,2,4-Trichlorobenzene	9.86		"	10.0		98.6	75-141		0.610	30	
1,2,4-Trimethylbenzene	10.1		"	10.0		101	78-127		2.20	30	
1,2-Dibromo-3-chloropropane	10.3		"	10.0		103	60-150		6.96	30	
1,2-Dibromoethane	9.95		"	10.0		99.5	86-123		0.909	30	
1,2-Dichlorobenzene	9.79		"	10.0		97.9	79-125		3.11	30	
1,2-Dichloroethane	10.1		"	10.0		101	69-133		7.16	30	
1,2-Dichloropropane	9.59		"	10.0		95.9	76-124		0.104	30	
1,3,5-Trimethylbenzene	10.2		"	10.0		102	78-128		1.39	30	
1,3-Dichlorobenzene	9.56		"	10.0		95.6	81-124		0.735	30	
1,3-Dichloropropane	9.91		"	10.0		99.1	79-125		0.202	30	
1,4-Dichlorobenzene	9.59		"	10.0		95.9	82-124		3.83	30	
2,2-Dichloropropane	9.40		"	10.0		94.0	61-139		1.07	30	
2-Butanone	11.2		"	10.0		112	44-169		1.07	30	
2-Chlorotoluene	9.70		"	10.0		97.0	74-130		2.29	30	
4-Chlorotoluene	9.62		"	10.0		96.2	75-127		3.06	30	
Acetone	10.5		"	10.0		105	29-163		22.0	30	
Benzene	9.91		"	10.0		99.1	72-134		2.04	30	
Bromobenzene	9.89		"	10.0		98.9	74-129		1.32	30	
Bromochloromethane	10.6		"	10.0		106	69-134		1.23	30	
Bromodichloromethane	9.94		"	10.0		99.4	76-127		1.42	30	
Bromoform	10.6		"	10.0		106	77-137		1.82	30	
Bromomethane	14.3		"	10.0		143	50-156		9.51	30	
Carbon tetrachloride	10.4		"	10.0		104	62-145		4.02	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
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Batch BK61450 - EPA 5030B

LCS Dup (BK61450-BSD1)

Prepared: 11/30/2016 Analyzed: 12/01/2016

Chlorobenzene	9.33		ug/L	10.0		93.3	85-119		0.321	30	
Chloroethane	10.7		"	10.0		107	49-143		2.09	30	
Chloroform	10.6		"	10.0		106	74-131		3.76	30	
Chloromethane	10.7		"	10.0		107	43-134		3.23	30	
cis-1,2-Dichloroethylene	10.1		"	10.0		101	73-134		3.12	30	
cis-1,3-Dichloropropylene	9.57		"	10.0		95.7	77-128		1.45	30	
Dibromochloromethane	9.60		"	10.0		96.0	79-130		1.35	30	
Dibromomethane	9.56		"	10.0		95.6	78-128		0.105	30	
Dichlorodifluoromethane	10.4		"	10.0		104	38-139		1.34	30	
Ethyl Benzene	9.85		"	10.0		98.5	80-129		1.64	30	
Hexachlorobutadiene	9.69		"	10.0		96.9	72-141		3.89	30	
Isopropylbenzene	9.54		"	10.0		95.4	76-128		1.16	30	
Methyl tert-butyl ether (MTBE)	10.7		"	10.0		107	64-142		1.23	30	
Methylene chloride	10.2		"	10.0		102	56-142		1.49	30	
Naphthalene	10.4		"	10.0		104	79-144		2.35	30	
n-Butylbenzene	10.2		"	10.0		102	74-132		2.69	30	
n-Propylbenzene	9.55		"	10.0		95.5	72-135		1.16	30	
o-Xylene	9.43		"	10.0		94.3	81-123		0.745	30	
p- & m- Xylenes	19.6		"	20.0		98.2	79-130		0.562	30	
p-Isopropyltoluene	10.2		"	10.0		102	80-127		2.39	30	
sec-Butylbenzene	9.46		"	10.0		94.6	78-127		2.46	30	
Styrene	10.7		"	10.0		107	82-124		1.60	30	
tert-Butylbenzene	9.65		"	10.0		96.5	75-131		2.73	30	
Tetrachloroethylene	9.94		"	10.0		99.4	78-133		3.17	30	
Toluene	9.37		"	10.0		93.7	83-122		0.535	30	
trans-1,2-Dichloroethylene	9.49		"	10.0		94.9	59-145		2.56	30	
trans-1,3-Dichloropropylene	9.81		"	10.0		98.1	74-131		1.01	30	
Trichloroethylene	9.22		"	10.0		92.2	81-125		1.86	30	
Trichlorofluoromethane	10.4		"	10.0		104	61-144		0.193	30	
Vinyl acetate	9.66		"	10.0		96.6	32-165		13.2	30	
Vinyl Chloride	11.0		"	10.0		110	42-136		2.75	30	
Surrogate: 1,2-Dichloroethane-d4	9.97		"	10.0		99.7	69-130				
Surrogate: Toluene-d8	9.54		"	10.0		95.4	81-117				
Surrogate: p-Bromofluorobenzene	10.0		"	10.0		100	79-122				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BK61082 - EPA 3510C

Blank (BK61082-BLK1)

Prepared: 11/21/2016 Analyzed: 11/22/2016

1,2,4-Trichlorobenzene	ND	5.00	ug/L
1,2-Dichlorobenzene	ND	5.00	"
1,3-Dichlorobenzene	ND	5.00	"
1,4-Dichlorobenzene	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	"
Aniline	ND	5.00	"
Anthracene	ND	0.0500	"
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	"
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	"
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	"



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
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Batch BK61082 - EPA 3510C

Blank (BK61082-BLK1)

Prepared: 11/21/2016 Analyzed: 11/22/2016

Hexachlorobenzene	ND	0.0200	ug/L
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	"
Pyridine	ND	5.00	"

Surrogate: 2-Fluorophenol	31.0	"	75.1	41.3	12-64
Surrogate: Phenol-d5	19.4	"	75.2	25.8	10-82
Surrogate: Nitrobenzene-d5	39.0	"	50.2	77.6	12-96
Surrogate: 2-Fluorobiphenyl	35.7	"	50.2	71.1	16-84
Surrogate: 2,4,6-Tribromophenol	60.4	"	75.2	80.3	15-104
Surrogate: Terphenyl-d14	29.6	"	50.3	58.9	15-106

LCS (BK61082-BS1)

Prepared: 11/21/2016 Analyzed: 11/22/2016

1,2,4-Trichlorobenzene	39.4	5.00	ug/L	50.0	78.7	35-91
1,2-Dichlorobenzene	38.6	5.00	"	50.0	77.1	42-85
1,3-Dichlorobenzene	38.7	5.00	"	50.0	77.3	45-80
1,4-Dichlorobenzene	36.6	5.00	"	50.0	73.3	42-82
2,4,5-Trichlorophenol	44.7	5.00	"	50.0	89.4	36-112
2,4,6-Trichlorophenol	42.9	5.00	"	50.0	85.8	41-107
2,4-Dichlorophenol	44.3	5.00	"	50.0	88.7	43-92
2,4-Dimethylphenol	39.0	5.00	"	50.0	78.0	25-92
2,4-Dinitrophenol	41.0	5.00	"	50.0	82.0	10-149
2,4-Dinitrotoluene	44.6	5.00	"	50.0	89.1	41-114
2,6-Dinitrotoluene	43.4	5.00	"	50.0	86.7	49-106
2-Chloronaphthalene	40.4	5.00	"	50.0	80.8	40-96
2-Chlorophenol	36.0	5.00	"	50.0	72.1	35-84
2-Methylnaphthalene	39.5	5.00	"	50.0	78.9	33-101
2-Methylphenol	29.1	5.00	"	50.0	58.3	10-90
2-Nitroaniline	44.5	5.00	"	50.0	89.0	31-122
2-Nitrophenol	43.4	5.00	"	50.0	86.8	37-97
3- & 4-Methylphenols	25.6	5.00	"	50.0	51.2	10-101
3,3'-Dichlorobenzidine	45.8	5.00	"	50.0	91.6	25-155
3-Nitroaniline	46.1	5.00	"	50.0	92.3	29-128
4,6-Dinitro-2-methylphenol	41.1	5.00	"	50.0	82.2	10-135
4-Bromophenyl phenyl ether	40.5	5.00	"	50.0	81.0	38-116
4-Chloro-3-methylphenol	41.3	5.00	"	50.0	82.7	28-101
4-Chloroaniline	35.7	5.00	"	50.0	71.5	10-154
4-Chlorophenyl phenyl ether	39.5	5.00	"	50.0	79.0	34-112
4-Nitroaniline	63.4	5.00	"	50.0	127	15-143
4-Nitrophenol	9.70	5.00	"	50.0	19.4	10-112



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
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Batch BK61082 - EPA 3510C

LCS (BK61082-BS1)

Prepared: 11/21/2016 Analyzed: 11/22/2016

Acenaphthene	41.8	0.0500	ug/L	50.0		83.6	24-114				
Acenaphthylene	38.8	0.0500	"	50.0		77.5	26-112				
Aniline	25.7	5.00	"	50.0		51.4	10-107				
Anthracene	37.1	0.0500	"	50.0		74.1	35-114				
Benzo(a)anthracene	33.2	0.0500	"	50.0		66.4	38-127				
Benzo(a)pyrene	33.7	0.0500	"	50.0		67.5	30-146				
Benzo(b)fluoranthene	37.2	0.0500	"	50.0		74.3	36-145				
Benzo(g,h,i)perylene	41.9	0.0500	"	50.0		83.7	10-163				
Benzo(k)fluoranthene	31.5	0.0500	"	50.0		63.0	16-149				
Benzyl alcohol	27.8	5.00	"	50.0		55.7	18-75				
Benzyl butyl phthalate	38.4	5.00	"	50.0		76.8	28-129				
Bis(2-chloroethoxy)methane	41.2	5.00	"	50.0		82.3	27-112				
Bis(2-chloroethyl)ether	35.6	5.00	"	50.0		71.1	24-114				
Bis(2-chloroisopropyl)ether	45.0	5.00	"	50.0		90.0	21-124				
Bis(2-ethylhexyl)phthalate	35.2	0.500	"	50.0		70.5	10-171				
Chrysene	31.6	0.0500	"	50.0		63.2	33-120				
Dibenzo(a,h)anthracene	40.7	0.0500	"	50.0		81.4	10-149				
Dibenzofuran	38.6	5.00	"	50.0		77.3	42-105				
Diethyl phthalate	39.3	5.00	"	50.0		78.6	38-112				
Dimethyl phthalate	39.8	5.00	"	50.0		79.6	49-106				
Di-n-butyl phthalate	35.3	5.00	"	50.0		70.7	36-110				
Di-n-octyl phthalate	36.2	5.00	"	50.0		72.4	12-149				
Fluoranthene	35.6	0.0500	"	50.0		71.3	33-126				
Fluorene	41.5	0.0500	"	50.0		82.9	28-117				
Hexachlorobenzene	41.3	0.0200	"	50.0		82.7	27-120				
Hexachlorobutadiene	36.9	0.500	"	50.0		73.9	25-106				
Hexachlorocyclopentadiene	50.5	5.00	"	50.0		101	10-99	High Bias			
Hexachloroethane	36.9	0.500	"	50.0		73.9	33-84				
Indeno(1,2,3-cd)pyrene	39.5	0.0500	"	50.0		79.0	10-150				
Isophorone	37.3	5.00	"	50.0		74.6	29-115				
Naphthalene	37.2	0.0500	"	50.0		74.5	30-99				
Nitrobenzene	37.0	0.250	"	50.0		73.9	32-113				
N-Nitrosodimethylamine	15.8	0.500	"	50.0		31.7	10-63				
N-nitroso-di-n-propylamine	40.0	5.00	"	50.0		80.0	36-118				
N-Nitrosodiphenylamine	52.0	5.00	"	50.0		104	27-145				
Pentachlorophenol	50.8	0.250	"	50.0		102	19-127				
Phenanthrene	38.3	0.0500	"	50.0		76.7	31-112				
Phenol	16.0	5.00	"	50.0		31.9	10-37				
Pyrene	35.0	0.0500	"	50.0		70.1	42-125				
Pyridine	10.5	5.00	"	50.0		21.0	10-46				
Surrogate: 2-Fluorophenol	29.0		"	75.1		38.6	12-64				
Surrogate: Phenol-d5	19.9		"	75.2		26.5	10-82				
Surrogate: Nitrobenzene-d5	39.6		"	50.2		78.9	12-96				
Surrogate: 2-Fluorobiphenyl	37.8		"	50.2		75.3	16-84				
Surrogate: 2,4,6-Tribromophenol	67.2		"	75.2		89.4	15-104				
Surrogate: Terphenyl-d14	28.8		"	50.3		57.2	15-106				



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 BK61082 - EPA 3510C											
LCS Dup (BK61082-BSD1)						Prepared: 11/21/2016 Analyzed: 11/22/2016					
1,2,4-Trichlorobenzene	40.8	5.00	ug/L	50.0		81.5	35-91		3.52	20	
1,2-Dichlorobenzene	38.6	5.00	"	50.0		77.2	42-85		0.104	20	
1,3-Dichlorobenzene	37.4	5.00	"	50.0		74.7	45-80		3.42	20	
1,4-Dichlorobenzene	35.4	5.00	"	50.0		70.9	42-82		3.33	20	
2,4,5-Trichlorophenol	44.0	5.00	"	50.0		88.0	36-112		1.62	20	
2,4,6-Trichlorophenol	42.4	5.00	"	50.0		84.7	41-107		1.31	20	
2,4-Dichlorophenol	44.1	5.00	"	50.0		88.3	43-92		0.430	20	
2,4-Dimethylphenol	38.8	5.00	"	50.0		77.5	25-92		0.643	20	
2,4-Dinitrophenol	41.2	5.00	"	50.0		82.4	10-149		0.487	20	
2,4-Dinitrotoluene	44.0	5.00	"	50.0		88.1	41-114		1.17	20	
2,6-Dinitrotoluene	44.1	5.00	"	50.0		88.1	49-106		1.62	20	
2-Chloronaphthalene	41.0	5.00	"	50.0		82.0	40-96		1.43	20	
2-Chlorophenol	34.7	5.00	"	50.0		69.3	35-84		3.90	20	
2-Methylnaphthalene	40.3	5.00	"	50.0		80.6	33-101		2.13	20	
2-Methylphenol	28.8	5.00	"	50.0		57.5	10-90		1.31	20	
2-Nitroaniline	45.4	5.00	"	50.0		90.9	31-122		2.02	20	
2-Nitrophenol	46.1	5.00	"	50.0		92.1	37-97		5.92	20	
3- & 4-Methylphenols	24.8	5.00	"	50.0		49.5	10-101		3.45	20	
3,3'-Dichlorobenzidine	46.0	5.00	"	50.0		92.1	25-155		0.501	20	
3-Nitroaniline	46.5	5.00	"	50.0		92.9	29-128		0.691	20	
4,6-Dinitro-2-methylphenol	41.0	5.00	"	50.0		81.9	10-135		0.414	20	
4-Bromophenyl phenyl ether	39.2	5.00	"	50.0		78.3	38-116		3.37	20	
4-Chloro-3-methylphenol	39.6	5.00	"	50.0		79.1	28-101		4.35	20	
4-Chloroaniline	36.0	5.00	"	50.0		72.0	10-154		0.781	20	
4-Chlorophenyl phenyl ether	39.6	5.00	"	50.0		79.2	34-112		0.253	20	
4-Nitroaniline	62.8	5.00	"	50.0		126	15-143		0.998	20	
4-Nitrophenol	8.72	5.00	"	50.0		17.4	10-112		10.6	20	
Acenaphthene	41.4	0.0500	"	50.0		82.7	24-114		1.11	20	
Acenaphthylene	38.9	0.0500	"	50.0		77.8	26-112		0.360	20	
Aniline	25.4	5.00	"	50.0		50.8	10-107		1.10	20	
Anthracene	36.4	0.0500	"	50.0		72.8	35-114		1.85	20	
Benzo(a)anthracene	33.0	0.0500	"	50.0		66.0	38-127		0.635	20	
Benzo(a)pyrene	33.5	0.0500	"	50.0		66.9	30-146		0.803	20	
Benzo(b)fluoranthene	37.4	0.0500	"	50.0		74.7	36-145		0.590	20	
Benzo(g,h,i)perylene	41.9	0.0500	"	50.0		83.8	10-163		0.0716	20	
Benzo(k)fluoranthene	31.4	0.0500	"	50.0		62.9	16-149		0.222	20	
Benzyl alcohol	29.5	5.00	"	50.0		59.0	18-75		5.83	20	
Benzyl butyl phthalate	38.6	5.00	"	50.0		77.2	28-129		0.572	20	
Bis(2-chloroethoxy)methane	41.4	5.00	"	50.0		82.7	27-112		0.461	20	
Bis(2-chloroethyl)ether	34.3	5.00	"	50.0		68.6	24-114		3.66	20	
Bis(2-chloroisopropyl)ether	43.3	5.00	"	50.0		86.6	21-124		3.83	20	
Bis(2-ethylhexyl)phthalate	35.2	0.500	"	50.0		70.3	10-171		0.199	20	
Chrysene	31.7	0.0500	"	50.0		63.5	33-120		0.347	20	
Dibenzo(a,h)anthracene	39.9	0.0500	"	50.0		79.7	10-149		2.13	20	
Dibenzofuran	37.9	5.00	"	50.0		75.8	42-105		1.99	20	
Diethyl phthalate	39.0	5.00	"	50.0		78.0	38-112		0.843	20	
Dimethyl phthalate	39.3	5.00	"	50.0		78.6	49-106		1.19	20	
Di-n-butyl phthalate	34.9	5.00	"	50.0		69.9	36-110		1.11	20	
Di-n-octyl phthalate	36.2	5.00	"	50.0		72.5	12-149		0.193	20	
Fluoranthene	35.3	0.0500	"	50.0		70.6	33-126		0.874	20	
Fluorene	41.2	0.0500	"	50.0		82.4	28-117		0.629	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
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Batch BK61082 - EPA 3510C

LCS Dup (BK61082-BSD1)

Prepared: 11/21/2016 Analyzed: 11/22/2016

Hexachlorobenzene	40.4	0.0200	ug/L	50.0		80.8	27-120		2.35	20
Hexachlorobutadiene	39.0	0.500	"	50.0		78.0	25-106		5.48	20
Hexachlorocyclopentadiene	51.6	5.00	"	50.0		103	10-99	High Bias	2.19	20
Hexachloroethane	35.1	0.500	"	50.0		70.2	33-84		5.08	20
Indeno(1,2,3-cd)pyrene	39.8	0.0500	"	50.0		79.7	10-150		0.907	20
Isophorone	38.3	5.00	"	50.0		76.6	29-115		2.67	20
Naphthalene	37.9	0.0500	"	50.0		75.9	30-99		1.84	20
Nitrobenzene	37.7	0.250	"	50.0		75.5	32-113		2.09	20
N-Nitrosodimethylamine	17.6	0.500	"	50.0		35.3	10-63		10.8	20
N-nitroso-di-n-propylamine	39.1	5.00	"	50.0		78.2	36-118		2.33	20
N-Nitrosodiphenylamine	51.1	5.00	"	50.0		102	27-145		1.59	20
Pentachlorophenol	46.9	0.250	"	50.0		93.9	19-127		7.82	20
Phenanthrene	37.7	0.0500	"	50.0		75.4	31-112		1.71	20
Phenol	15.5	5.00	"	50.0		31.0	10-37		2.92	20
Pyrene	35.3	0.0500	"	50.0		70.7	42-125		0.853	20
Pyridine	9.75	5.00	"	50.0		19.5	10-46		7.22	20
Surrogate: 2-Fluorophenol	29.1		"	75.1		38.8	12-64			
Surrogate: Phenol-d5	19.3		"	75.2		25.7	10-82			
Surrogate: Nitrobenzene-d5	39.4		"	50.2		78.4	12-96			
Surrogate: 2-Fluorobiphenyl	37.0		"	50.2		73.8	16-84			
Surrogate: 2,4,6-Tribromophenol	65.7		"	75.2		87.4	15-104			
Surrogate: Terphenyl-d14	28.4		"	50.3		56.4	15-106			



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
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Batch BK61221 - EPA 3015A

Blank (BK61221-BLK1)

Prepared: 11/23/2016 Analyzed: 11/24/2016

Arsenic	ND	0.004	mg/L
Barium	ND	0.010	"
Cadmium	ND	0.003	"
Chromium	ND	0.005	"
Lead	ND	0.003	"
Selenium	ND	0.010	"
Silver	ND	0.005	"

Duplicate (BK61221-DUP1)

*Source sample: 16K0579-01 (NLT1)

Prepared: 11/23/2016 Analyzed: 11/24/2016

Arsenic	ND	0.040	mg/L	ND	20
Barium	ND	0.100	"	ND	20
Cadmium	ND	0.030	"	ND	20
Chromium	77.4	0.050	"	67.6	13.4 20
Lead	0.188	0.030	"	0.139	30.5 20 Non-dir.
Selenium	ND	0.100	"	ND	20
Silver	0.790	0.050	"	0.654	18.8 20

Matrix Spike (BK61221-MS1)

*Source sample: 16K0579-01 (NLT1)

Prepared: 11/23/2016 Analyzed: 11/24/2016

Arsenic	17.3	0.040	mg/L	20.0	ND	86.7	75-125
Barium	17.8	0.100	"	20.0	ND	88.9	75-125
Cadmium	0.439	0.030	"	0.500	ND	87.7	75-125
Chromium	83.2	0.050	"	2.00	67.6	776	75-125 High Bias
Lead	4.31	0.030	"	5.00	0.139	83.5	75-125
Selenium	19.2	0.100	"	20.0	ND	96.1	75-125
Silver	1.16	0.050	"	0.500	0.654	102	75-125

Reference (BK61221-SRM1)

Prepared & Analyzed: 11/23/2016

Arsenic	0.265	ug/mL	0.260	102	81-118.5
Barium	0.747	"	0.789	94.7	85-115
Cadmium	0.733	"	0.780	93.9	85-115
Chromium	0.302	"	0.320	94.2	85-115
Lead	0.681	"	0.720	94.6	85-115
Selenium	0.970	"	1.00	97.0	85-115
Silver	0.619	"	0.699	88.5	84.9-115



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
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Batch BK61369 - EPA SW846-7470

Blank (BK61369-BLK1)

Prepared & Analyzed: 11/29/2016

Mercury	ND	0.0002	mg/L
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LCS (BK61369-BS1)

Prepared & Analyzed: 11/29/2016

Mercury	0.002090	0.0002	mg/L	0.00200	105	80-120
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LCS (BK61369-BS2)

Prepared & Analyzed: 11/29/2016

Mercury	0.002109	0.0002	mg/L	0.00200	105	80-120
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Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BK61078 - Analysis Preparation

Reference (BK61078-SRM1)

Prepared & Analyzed: 11/21/2016

Flashpoint	116		°F	115		101	96.5-103.5				
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Batch BK61362 - Analysis Preparation

Reference (BK61362-SRM1)

Prepared & Analyzed: 11/29/2016

Flashpoint	117		°F	115		102	96.5-103.5				
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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
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Batch BK61135 - Analysis Preparation

Blank (BK61135-BLK1)

Prepared: 11/22/2016 Analyzed: 11/23/2016

Reactivity - Cyanide ND 0.125 mg/L

Batch BK61136 - Analysis Preparation

Blank (BK61136-BLK1)

Prepared & Analyzed: 11/22/2016

Reactivity - Sulfide ND 75.0 mg/L

Duplicate (BK61136-DUP1) *Source sample: 16K0579-01 (NLT1)

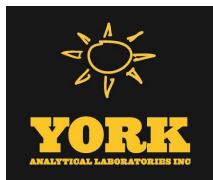
Prepared & Analyzed: 11/22/2016

Reactivity - Sulfide ND 75.0 mg/L ND 50



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
16K0579-01	NLT1	1000mL WM Clear Glass Cool to 4° C
16K0579-02	NLT2	1000mL WM Clear Glass Cool to 4° C
16K0579-03	NLT3	1000mL Amber Glass Cool to 4° C
16K0579-04	NLT4	1000mL WM Clear Glass Cool to 4° C
16K0579-05	NLD1	1000mL Amber Glass Cool to 4° C
16K0579-06	NLD2	1000mL WM Clear Glass Cool to 4° C
16K0579-07	NLD3	1000mL WM Clear Glass Cool to 4° C
16K0579-08	NLD4	1000mL WM Clear Glass Cool to 4° C
16K0579-09	NLD5	1000mL WM Clear Glass Cool to 4° C

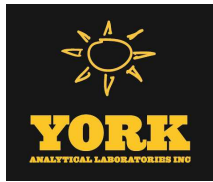


Notes and Definitions

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.
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-RPD	Sample conc. <5 X reporting limit.
M-HCSpk	Sample conc. >10 X spike conc.
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.
HT-pH	HOLDING TIME EXCEEDED. Samples for pH must be measured in the field or within 15 minutes of sample collection.
HT-01	This result was reported from an analysis conducted outside of the EPA recommended holding time.
F-01	> 200

*	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.
