

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.: 16K0790

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

120 RESEARCH DRIVE
www.YORKLAB.com

STRATFORD, CT 06615
(203) 325-1371

132-02 89th AVENUE
FAX (203) 357-0166

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

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>
16K0790-01	RW1	Waste Water	11/10/2016	11/14/2016
16K0790-02	RW2	Sludge	11/10/2016	11/14/2016
16K0790-03	RW3	Waste Water	11/10/2016	11/14/2016
16K0790-04	RW4	Waste Water	11/10/2016	11/14/2016
16K0790-05	RW5	Waste Water	11/10/2016	11/14/2016
16K0790-06	RW6	Waste Water	11/10/2016	11/14/2016
16K0790-07	RW7	Waste Water	11/10/2016	11/14/2016
16K0790-08	RW8	Waste Water	11/10/2016	11/14/2016

General Notes for York Project (SDG) No.: 16K0790

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: RW1

York Sample ID: 16K0790-01

York Project (SDG) No.

16K0790

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 7:30 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
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 05:07	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 05:07	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 05:07	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 05:07	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 05:07	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 05:07	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 05:07	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 05:07	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 05:07	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 05:07	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 05:07	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 05:07	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 05:07	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 05:07	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 05:07	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 05:07	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 05:07	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 05:07	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 05:07	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 05:07	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 05:07	SS



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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
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 05:07	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 05:07	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 05:07	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 05:07	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 05:07	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 05:07	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 05:07	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 05:07	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 05:07	SS
75-25-2	Bromoform	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 05:07	SS
74-83-9	Bromomethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 05:07	SS
56-23-5	Carbon tetrachloride	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 05:07	SS
108-90-7	Chlorobenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 05:07	SS
75-00-3	Chloroethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 05:07	SS
67-66-3	Chloroform	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 05:07	SS
74-87-3	Chloromethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 05:07	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 05:07	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 05:07	SS
124-48-1	Dibromochloromethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 05:07	SS
74-95-3	Dibromomethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 05:07	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 05:07	SS



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Client Sample ID: RW1

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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
100-41-4	Ethyl Benzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 05:07	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 05:07	SS
98-82-8	Isopropylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 05:07	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 05:07	SS
75-09-2	Methylene chloride	ND		ug/L	25000	100000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 05:07	SS
91-20-3	Naphthalene	ND		ug/L	25000	100000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 05:07	SS
104-51-8	n-Butylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 05:07	SS
103-65-1	n-Propylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 05:07	SS
95-47-6	o-Xylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,PADEP	11/30/2016 17:15	12/01/2016 05:07	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	50000	100000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,PADEP	11/30/2016 17:15	12/01/2016 05:07	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 05:07	SS
135-98-8	sec-Butylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 05:07	SS
100-42-5	Styrene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 05:07	SS
98-06-6	tert-Butylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 05:07	SS
127-18-4	Tetrachloroethylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 05:07	SS
108-88-3	Toluene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 05:07	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 05:07	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 05:07	SS
79-01-6	Trichloroethylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 05:07	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 05:07	SS
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 05:07	SS



Sample Information

Client Sample ID: RW1

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Waste Water

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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
75-01-4	Vinyl Chloride	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 05:07	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 05:07	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	98.9 %			69-130						
2037-26-5	Surrogate: Toluene-d8	96.2 %			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
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 18:34	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 18:34	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 18:34	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 18:34	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 18:34	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 18:34	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 18:34	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 18:34	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 18:34	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 18:34	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 18:34	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 18:34	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 18:34	SR
91-57-6	2-Methylnaphthalene	3060	HT-01	ug/L	500	1000	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 18:34	SR



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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
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 18:34	SR
88-74-4	2-Nitroaniline	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 18:34	SR
88-75-5	2-Nitrophenol	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 18:34	SR
65794-96-9	3- & 4-Methylphenols	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 18:34	SR
91-94-1	3,3'-Dichlorobenzidine	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 18:34	SR
99-09-2	3-Nitroaniline	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 18:34	SR
534-52-1	4,6-Dinitro-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 18:34	SR
101-55-3	4-Bromophenyl phenyl 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 18:34	SR
59-50-7	4-Chloro-3-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 18:34	SR
106-47-8	4-Chloroaniline	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 18:34	SR
7005-72-3	4-Chlorophenyl phenyl 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 18:34	SR
100-01-6	4-Nitroaniline	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 18:34	SR
100-02-7	4-Nitrophenol	ND	HT-01	ug/L	500	1000	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 18:34	SR
83-32-9	Acenaphthene	ND	HT-01	ug/L	10.0	10.0	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 18:34	SR
208-96-8	Acenaphthylene	ND	HT-01	ug/L	10.0	10.0	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 18:34	SR
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 18:34	SR
120-12-7	Anthracene	ND	HT-01	ug/L	10.0	10.0	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 18:34	SR
56-55-3	Benzo(a)anthracene	ND	HT-01	ug/L	10.0	10.0	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 18:34	SR
50-32-8	Benzo(a)pyrene	ND	HT-01	ug/L	10.0	10.0	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 18:34	SR
205-99-2	Benzo(b)fluoranthene	ND	HT-01	ug/L	10.0	10.0	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 18:34	SR
191-24-2	Benzo(g,h,i)perylene	ND	HT-01	ug/L	10.0	10.0	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 18:34	SR



Sample Information

Client Sample ID: RW1

York Sample ID: 16K0790-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16K0790

CL2-45 (Carville Leather Site, Johnstown NY)

Waste Water

November 10, 2016 7:30 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
207-08-9	Benzo(k)fluoranthene	ND	HT-01	ug/L	10.0	10.0	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 18:34	SR
100-51-6	Benzyl alcohol	9120	J, HT-01	ug/L	5000	10000	50	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/23/2016 22:46	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 18:34	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 18:34	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 18:34	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 18:34	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND	HT-01	ug/L	100	100	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 18:34	SR
218-01-9	Chrysene	ND	HT-01	ug/L	10.0	10.0	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 18:34	SR
53-70-3	Dibenzo(a,h)anthracene	ND	HT-01	ug/L	10.0	10.0	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 18:34	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 18:34	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 18:34	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 18:34	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 18:34	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 18:34	SR
206-44-0	Fluoranthene	ND	HT-01	ug/L	10.0	10.0	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 18:34	SR
86-73-7	Fluorene	ND	HT-01	ug/L	10.0	10.0	5	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 18:34	SR
118-74-1	Hexachlorobenzene	ND	HT-01	ug/L	4.00	4.00	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 18:34	SR
87-68-3	Hexachlorobutadiene	ND	HT-01	ug/L	100	100	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 18:34	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 18:34	SR
67-72-1	Hexachloroethane	ND	HT-01	ug/L	100	100	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 18:34	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND	HT-01	ug/L	10.0	10.0	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 18:34	SR



Sample Information

Client Sample ID: RW1

York Sample ID: 16K0790-01

York Project (SDG) No.

16K0790

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 7:30 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
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 18:34	SR
91-20-3	Naphthalene	574	HT-01	ug/L	10.0	10.0	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 18:34	SR
98-95-3	Nitrobenzene	ND	HT-01	ug/L	50.0	50.0	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 18:34	SR
62-75-9	N-Nitrosodimethylamine	ND	HT-01	ug/L	100	100	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 18:34	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 18:34	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 18:34	SR
87-86-5	Pentachlorophenol	ND	HT-01	ug/L	50.0	50.0	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 18:34	SR
85-01-8	Phenanthrene	890	HT-01	ug/L	10.0	10.0	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 18:34	SR
108-95-2	Phenol	1100	HT-01	ug/L	500	1000	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 18:34	SR
129-00-0	Pyrene	ND	HT-01	ug/L	10.0	10.0	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 18:34	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 18:34	SR
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	13.0 %	HT-01	12-64							
4165-62-2	Surrogate: Phenol-d5	17.9 %	HT-01	10-82							
4165-60-0	Surrogate: Nitrobenzene-d5	70.1 %	HT-01	12-96							
321-60-8	Surrogate: 2-Fluorobiphenyl	64.4 %	HT-01	16-84							
118-79-6	Surrogate: 2,4,6-Tribromophenol	73.4 %	HT-01	15-104							
1718-51-0	Surrogate: Terphenyl-d14	57.6 %	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 03:20	KV
7440-39-3	Barium	9.56		mg/L	0.500	0.500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/23/2016 11:05	11/24/2016 03:20	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 03:20	KV
7440-47-3	Chromium	1.48		mg/L	0.250	0.250	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/23/2016 11:05	11/24/2016 03:20	KV



Sample Information

Client Sample ID: RW1

York Sample ID: 16K0790-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16K0790

CL2-45 (Carville Leather Site, Johnstown NY)

Waste Water

November 10, 2016 7:30 am

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
7439-92-1	Lead	0.283		mg/L	0.150	0.150	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/23/2016 11:05	11/24/2016 03:20	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 03:20	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 03:20	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

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: RW2

York Sample ID: 16K0790-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16K0790

CL2-45 (Carville Leather Site, Johnstown NY)

Sludge

November 10, 2016 7:40 am

11/14/2016

Volatile Organics, 8260 List

Log-in Notes: VOA-CONT

Sample Notes: HT-01

Sample Prepared by Method: EPA 5035A

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

Client Sample ID: RW2

York Sample ID: 16K0790-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16K0790

CL2-45 (Carville Leather Site, Johnstown NY)

Sludge

November 10, 2016 7:40 am

11/14/2016

Volatile Organics, 8260 List

Log-in Notes:

VOA-CONT

Sample Notes: HT-01

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	120000	240000	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/30/2016 07:58	11/30/2016 18:36	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	120000	240000	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 07:58	11/30/2016 18:36	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	120000	240000	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 07:58	11/30/2016 18:36	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	120000	240000	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/30/2016 07:58	11/30/2016 18:36	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	120000	240000	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 07:58	11/30/2016 18:36	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	120000	240000	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 07:58	11/30/2016 18:36	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	120000	240000	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 07:58	11/30/2016 18:36	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	120000	240000	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/30/2016 07:58	11/30/2016 18:36	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	120000	240000	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/30/2016 07:58	11/30/2016 18:36	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	120000	240000	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/30/2016 07:58	11/30/2016 18:36	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	120000	240000	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/30/2016 07:58	11/30/2016 18:36	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	120000	240000	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/30/2016 07:58	11/30/2016 18:36	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	120000	240000	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/30/2016 07:58	11/30/2016 18:36	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	120000	240000	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/30/2016 07:58	11/30/2016 18:36	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	120000	240000	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 07:58	11/30/2016 18:36	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	120000	240000	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 07:58	11/30/2016 18:36	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	120000	240000	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/30/2016 07:58	11/30/2016 18:36	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	120000	240000	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/30/2016 07:58	11/30/2016 18:36	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	120000	240000	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 07:58	11/30/2016 18:36	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	120000	240000	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/30/2016 07:58	11/30/2016 18:36	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	120000	240000	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 07:58	11/30/2016 18:36	BK



Sample Information

Client Sample ID: RW2

York Sample ID: 16K0790-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16K0790

CL2-45 (Carville Leather Site, Johnstown NY)

Sludge

November 10, 2016 7:40 am

11/14/2016

Volatile Organics, 8260 List

Log-in Notes:

VOA-CONT

Sample Notes: HT-01

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg dry	2400000	4900000	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/30/2016 07:58	11/30/2016 18:36	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	120000	240000	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/30/2016 07:58	11/30/2016 18:36	BK
78-93-3	2-Butanone	ND		ug/kg dry	120000	240000	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/30/2016 07:58	11/30/2016 18:36	BK
95-49-8	2-Chlorotoluene	240000	J	ug/kg dry	120000	240000	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/30/2016 07:58	11/30/2016 18:36	BK
106-43-4	4-Chlorotoluene	230000	J	ug/kg dry	120000	240000	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/30/2016 07:58	11/30/2016 18:36	BK
67-64-1	Acetone	ND		ug/kg dry	240000	490000	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/30/2016 07:58	11/30/2016 18:36	BK
71-43-2	Benzene	ND		ug/kg dry	120000	240000	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 07:58	11/30/2016 18:36	BK
108-86-1	Bromobenzene	ND		ug/kg dry	120000	240000	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/30/2016 07:58	11/30/2016 18:36	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	120000	240000	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/30/2016 07:58	11/30/2016 18:36	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	120000	240000	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 07:58	11/30/2016 18:36	BK
75-25-2	Bromoform	ND		ug/kg dry	120000	240000	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 07:58	11/30/2016 18:36	BK
74-83-9	Bromomethane	ND		ug/kg dry	120000	240000	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 07:58	11/30/2016 18:36	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	120000	240000	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 07:58	11/30/2016 18:36	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	120000	240000	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 07:58	11/30/2016 18:36	BK
75-00-3	Chloroethane	ND		ug/kg dry	120000	240000	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 07:58	11/30/2016 18:36	BK
67-66-3	Chloroform	ND		ug/kg dry	120000	240000	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 07:58	11/30/2016 18:36	BK
74-87-3	Chloromethane	ND		ug/kg dry	120000	240000	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 07:58	11/30/2016 18:36	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	120000	240000	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/30/2016 07:58	11/30/2016 18:36	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	120000	240000	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 07:58	11/30/2016 18:36	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	120000	240000	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	11/30/2016 07:58	11/30/2016 18:36	BK
74-95-3	Dibromomethane	ND		ug/kg dry	120000	240000	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/30/2016 07:58	11/30/2016 18:36	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	120000	240000	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/30/2016 07:58	11/30/2016 18:36	BK



Sample Information

Client Sample ID: RW2

York Sample ID: 16K0790-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16K0790

CL2-45 (Carville Leather Site, Johnstown NY)

Sludge

November 10, 2016 7:40 am

11/14/2016

Volatile Organics, 8260 List

Log-in Notes:

VOA-CONT

Sample Notes: HT-01

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/kg dry	120000	240000	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 07:58	11/30/2016 18:36	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	120000	240000	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/30/2016 07:58	11/30/2016 18:36	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	120000	240000	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/30/2016 07:58	11/30/2016 18:36	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	120000	240000	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/30/2016 07:58	11/30/2016 18:36	BK
75-09-2	Methylene chloride	ND		ug/kg dry	240000	490000	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 07:58	11/30/2016 18:36	BK
91-20-3	Naphthalene	ND		ug/kg dry	120000	490000	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/30/2016 07:58	11/30/2016 18:36	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	120000	240000	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/30/2016 07:58	11/30/2016 18:36	BK
103-65-1	n-Propylbenzene	150000	J	ug/kg dry	120000	240000	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/30/2016 07:58	11/30/2016 18:36	BK
95-47-6	o-Xylene	ND		ug/kg dry	120000	240000	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854	11/30/2016 07:58	11/30/2016 18:36	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	240000	490000	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854	11/30/2016 07:58	11/30/2016 18:36	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	120000	240000	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/30/2016 07:58	11/30/2016 18:36	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	120000	240000	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/30/2016 07:58	11/30/2016 18:36	BK
100-42-5	Styrene	ND		ug/kg dry	120000	240000	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/30/2016 07:58	11/30/2016 18:36	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	120000	240000	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/30/2016 07:58	11/30/2016 18:36	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	120000	240000	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 07:58	11/30/2016 18:36	BK
108-88-3	Toluene	ND		ug/kg dry	120000	240000	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 07:58	11/30/2016 18:36	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	120000	240000	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	11/30/2016 07:58	11/30/2016 18:36	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	120000	240000	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 07:58	11/30/2016 18:36	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	120000	240000	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 07:58	11/30/2016 18:36	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	120000	240000	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 07:58	11/30/2016 18:36	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	120000	240000	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	11/30/2016 07:58	11/30/2016 18:36	BK



Sample Information

Client Sample ID: RW2

York Sample ID: 16K0790-02

York Project (SDG) No.

16K0790

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Sludge

Collection Date/Time

November 10, 2016 7:40 am

Date Received

11/14/2016

Volatile Organics, 8260 List

Log-in Notes:

VOA-CONT

Sample Notes: HT-01

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/kg dry	120000	240000	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 07:58	11/30/2016 18:36	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	370000	730000	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 07:58	11/30/2016 18:36	BK
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	94.8 %			77-125						
2037-26-5	Surrogate: Toluene-d8	98.3 %			85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	85.2 %			76-130						

Semi-Volatiles, 8270 Target List

Log-in Notes:

VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1220000	2440000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:20	11/30/2016 12:35	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1220000	2440000	100	EPA 8270D Certifications: NELAC-NY10854,PADEP	11/22/2016 12:20	11/30/2016 12:35	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1220000	2440000	100	EPA 8270D Certifications: NELAC-NY10854,PADEP	11/22/2016 12:20	11/30/2016 12:35	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1220000	2440000	100	EPA 8270D Certifications: NELAC-NY10854,PADEP	11/22/2016 12:20	11/30/2016 12:35	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	1220000	2440000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:20	11/30/2016 12:35	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	1220000	2440000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:20	11/30/2016 12:35	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	1220000	2440000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:20	11/30/2016 12:35	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	1220000	2440000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:20	11/30/2016 12:35	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	2440000	4870000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:20	11/30/2016 12:35	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	1220000	2440000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:20	11/30/2016 12:35	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	1220000	2440000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:20	11/30/2016 12:35	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	1220000	2440000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:20	11/30/2016 12:35	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	1220000	2440000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:20	11/30/2016 12:35	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	1220000	2440000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:20	11/30/2016 12:35	SR



Sample Information

Client Sample ID: RW2

York Sample ID: 16K0790-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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16K0790

CL2-45 (Carville Leather Site, Johnstown NY)

Sludge

November 10, 2016 7:40 am

11/14/2016

Semi-Volatiles, 8270 Target List

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/kg dry	1220000	2440000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:20	11/30/2016 12:35	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	2440000	4870000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:20	11/30/2016 12:35	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	1220000	2440000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:20	11/30/2016 12:35	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	1220000	2440000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:20	11/30/2016 12:35	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	1220000	2440000	100	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:20	11/30/2016 12:35	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	2440000	4870000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:20	11/30/2016 12:35	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	2440000	4870000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:20	11/30/2016 12:35	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	1220000	2440000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:20	11/30/2016 12:35	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	1220000	2440000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:20	11/30/2016 12:35	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	1220000	2440000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:20	11/30/2016 12:35	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	1220000	2440000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:20	11/30/2016 12:35	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	2440000	4870000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:20	11/30/2016 12:35	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	2440000	4870000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:20	11/30/2016 12:35	SR
83-32-9	Acenaphthene	ND		ug/kg dry	1220000	2440000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:20	11/30/2016 12:35	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	1220000	2440000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:20	11/30/2016 12:35	SR
62-53-3	Aniline	ND		ug/kg dry	4880000	9770000	100	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:20	11/30/2016 12:35	SR
120-12-7	Anthracene	ND		ug/kg dry	1220000	2440000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:20	11/30/2016 12:35	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	1220000	2440000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:20	11/30/2016 12:35	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	1220000	2440000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:20	11/30/2016 12:35	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	1220000	2440000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:20	11/30/2016 12:35	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	1220000	2440000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:20	11/30/2016 12:35	SR



Sample Information

Client Sample ID: RW2

York Sample ID: 16K0790-02

York Project (SDG) No.

Client Project ID

Matrix

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16K0790

CL2-45 (Carville Leather Site, Johnstown NY)

Sludge

November 10, 2016 7:40 am

11/14/2016

Semi-Volatiles, 8270 Target List

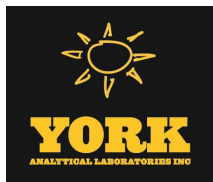
Log-in Notes:

VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	1220000	2440000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:20	11/30/2016 12:35	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	1220000	2440000	100	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:20	11/30/2016 12:35	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	1220000	2440000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:20	11/30/2016 12:35	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	1220000	2440000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:20	11/30/2016 12:35	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	1220000	2440000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:20	11/30/2016 12:35	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	1220000	2440000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:20	11/30/2016 12:35	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	1220000	2440000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:20	11/30/2016 12:35	SR
218-01-9	Chrysene	ND		ug/kg dry	1220000	2440000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:20	11/30/2016 12:35	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	1220000	2440000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:20	11/30/2016 12:35	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	1220000	2440000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:20	11/30/2016 12:35	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	1220000	2440000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:20	11/30/2016 12:35	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	1220000	2440000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:20	11/30/2016 12:35	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	1220000	2440000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:20	11/30/2016 12:35	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	1220000	2440000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:20	11/30/2016 12:35	SR
206-44-0	Fluoranthene	ND		ug/kg dry	1220000	2440000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:20	11/30/2016 12:35	SR
86-73-7	Fluorene	ND		ug/kg dry	1220000	2440000	100	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:20	11/30/2016 12:35	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	1220000	2440000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:20	11/30/2016 12:35	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1220000	2440000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:20	11/30/2016 12:35	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	1220000	2440000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:20	11/30/2016 12:35	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	1220000	2440000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:20	11/30/2016 12:35	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	1220000	2440000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:20	11/30/2016 12:35	SR



Sample Information

Client Sample ID: RW2

York Sample ID: 16K0790-02

York Project (SDG) No.

16K0790

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Sludge

Collection Date/Time

November 10, 2016 7:40 am

Date Received

11/14/2016

Semi-Volatiles, 8270 Target List

Log-in Notes:

VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-59-1	Isophorone	ND		ug/kg dry	1220000	2440000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:20	11/30/2016 12:35	SR
91-20-3	Naphthalene	ND		ug/kg dry	1220000	2440000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:20	11/30/2016 12:35	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	1220000	2440000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:20	11/30/2016 12:35	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	1220000	2440000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:20	11/30/2016 12:35	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	1220000	2440000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:20	11/30/2016 12:35	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	1220000	2440000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:20	11/30/2016 12:35	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	1220000	2440000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:20	11/30/2016 12:35	SR
85-01-8	Phenanthrene	ND		ug/kg dry	1220000	2440000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:20	11/30/2016 12:35	SR
108-95-2	Phenol	ND		ug/kg dry	1220000	2440000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:20	11/30/2016 12:35	SR
129-00-0	Pyrene	ND		ug/kg dry	1220000	2440000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:20	11/30/2016 12:35	SR
110-86-1	Pyridine	ND		ug/kg dry	4880000	9770000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:20	11/30/2016 12:35	SR
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	%	S-01		20-108						
4165-62-2	Surrogate: Phenol-d5	90.4 %	S-01		23-114						
4165-60-0	Surrogate: Nitrobenzene-d5	106 %	S-01		22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	45.8 %	S-01		21-113						
118-79-6	Surrogate: 2,4,6-Tribromophenol	79.8 %	S-01		19-110						
1718-51-0	Surrogate: Terphenyl-d14	39.8 %	S-01		24-116						

Metals, RCRA

Log-in Notes:

VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

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/kg dry	97.5	97.5	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/28/2016 11:35	11/28/2016 23:18	KV
7440-39-3	Barium	ND		mg/kg dry	97.5	97.5	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/28/2016 11:35	11/28/2016 23:18	KV
7440-43-9	Cadmium	ND		mg/kg dry	29.2	29.2	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/28/2016 11:35	11/28/2016 23:18	KV
7440-47-3	Chromium	49.6		mg/kg dry	48.7	48.7	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/28/2016 11:35	11/28/2016 23:18	KV



Sample Information

Client Sample ID: RW2

York Sample ID: 16K0790-02

York Project (SDG) No.

16K0790

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Sludge

Collection Date/Time

November 10, 2016 7:40 am

Date Received

11/14/2016

Metals, RCRA

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	ND		mg/kg dry	29.2	29.2	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/28/2016 11:35	11/28/2016 23:18	KV
7782-49-2	Selenium	ND		mg/kg dry	97.5	97.5	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/28/2016 11:35	11/28/2016 23:18	KV
7440-22-4	Silver	ND		mg/kg dry	48.7	48.7	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/28/2016 11:35	11/28/2016 23:18	KV

Mercury by 7470/7471

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	3.22	3.22	1	EPA 7471B Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	11/29/2016 15:19	11/29/2016 15:19	AA

Total Solids

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	1.03		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	11/29/2016 09:34	11/29/2016 16:04	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/kg	0.250	0.250	1	EPA SW-846 Ch.7.3.3 Certifications: CTDOH,PADEP	11/23/2016 07:57	11/23/2016 17:42	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/kg	15.0	15.0	1	EPA SW-846 Ch.7.3.4 Certifications: CTDOH,PADEP	11/23/2016 07:56	11/23/2016 18:13	DM1



Sample Information

Client Sample ID: RW3

York Sample ID: 16K0790-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16K0790

CL2-45 (Carville Leather Site, Johnstown NY)

Waste Water

November 10, 2016 7:50 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	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: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 05:47	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 05:47	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 05:47	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 05:47	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 05:47	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 05:47	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 05:47	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 05:47	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 05:47	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 05:47	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 05:47	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 05:47	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 05:47	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 05:47	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 05:47	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 05:47	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 05:47	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 05:47	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 05:47	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 05:47	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 05:47	SS



Sample Information

Client Sample ID: RW3

York Sample ID: 16K0790-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16K0790

CL2-45 (Carville Leather Site, Johnstown NY)

Waste Water

November 10, 2016 7:50 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	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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 05:47	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 05:47	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 05:47	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 05:47	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 05:47	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 05:47	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 05:47	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 05:47	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 05:47	SS
75-25-2	Bromoform	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 05:47	SS
74-83-9	Bromomethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 05:47	SS
56-23-5	Carbon tetrachloride	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 05:47	SS
108-90-7	Chlorobenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 05:47	SS
75-00-3	Chloroethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 05:47	SS
67-66-3	Chloroform	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 05:47	SS
74-87-3	Chloromethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 05:47	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 05:47	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 05:47	SS
124-48-1	Dibromochloromethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 05:47	SS
74-95-3	Dibromomethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 05:47	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 05:47	SS



Sample Information

Client Sample ID: RW3

York Sample ID: 16K0790-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16K0790

CL2-45 (Carville Leather Site, Johnstown NY)

Waste Water

November 10, 2016 7:50 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	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 05:47	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 05:47	SS
98-82-8	Isopropylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 05:47	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 05:47	SS
75-09-2	Methylene chloride	ND		ug/L	25000	100000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 05:47	SS
91-20-3	Naphthalene	ND		ug/L	25000	100000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 05:47	SS
104-51-8	n-Butylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 05:47	SS
103-65-1	n-Propylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 05:47	SS
95-47-6	o-Xylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,PADEP	11/30/2016 17:15	12/01/2016 05:47	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	50000	100000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,PADEP	11/30/2016 17:15	12/01/2016 05:47	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 05:47	SS
135-98-8	sec-Butylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 05:47	SS
100-42-5	Styrene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 05:47	SS
98-06-6	tert-Butylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 05:47	SS
127-18-4	Tetrachloroethylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 05:47	SS
108-88-3	Toluene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 05:47	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 05:47	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 05:47	SS
79-01-6	Trichloroethylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 05:47	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 05:47	SS
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 05:47	SS



Sample Information

Client Sample ID: RW3

York Sample ID: 16K0790-03

York Project (SDG) No.

16K0790

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 7:50 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
75-01-4	Vinyl Chloride	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 05:47	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 05:47	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	98.7 %			69-130						
2037-26-5	Surrogate: Toluene-d8	98.0 %			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	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 20:09	SR
95-50-1	1,2-Dichlorobenzene	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	11/21/2016 11:53	11/22/2016 20:09	SR
541-73-1	1,3-Dichlorobenzene	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	11/21/2016 11:53	11/22/2016 20:09	SR
106-46-7	1,4-Dichlorobenzene	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	11/21/2016 11:53	11/22/2016 20:09	SR
95-95-4	2,4,5-Trichlorophenol	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 20:09	SR
88-06-2	2,4,6-Trichlorophenol	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 20:09	SR
120-83-2	2,4-Dichlorophenol	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 20:09	SR
105-67-9	2,4-Dimethylphenol	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 20:09	SR
51-28-5	2,4-Dinitrophenol	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 20:09	SR
121-14-2	2,4-Dinitrotoluene	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 20:09	SR
606-20-2	2,6-Dinitrotoluene	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 20:09	SR
91-58-7	2-Chloronaphthalene	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 20:09	SR
95-57-8	2-Chlorophenol	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 20:09	SR
91-57-6	2-Methylnaphthalene	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 20:09	SR



Sample Information

Client Sample ID: RW3

York Sample ID: 16K0790-03

York Project (SDG) No.

16K0790

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 7:50 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
95-48-7	2-Methylphenol	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 20:09	SR
88-74-4	2-Nitroaniline	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 20:09	SR
88-75-5	2-Nitrophenol	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 20:09	SR
65794-96-9	3- & 4-Methylphenols	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 20:09	SR
91-94-1	3,3'-Dichlorobenzidine	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 20:09	SR
99-09-2	3-Nitroaniline	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 20:09	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 20:09	SR
101-55-3	4-Bromophenyl phenyl ether	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 20:09	SR
59-50-7	4-Chloro-3-methylphenol	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 20:09	SR
106-47-8	4-Chloroaniline	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 20:09	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 20:09	SR
100-01-6	4-Nitroaniline	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 20:09	SR
100-02-7	4-Nitrophenol	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 20:09	SR
83-32-9	Acenaphthene	ND	HT-01	ug/L	2.00	2.00	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 20:09	SR
208-96-8	Acenaphthylene	ND	HT-01	ug/L	2.00	2.00	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 20:09	SR
62-53-3	Aniline	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 20:09	SR
120-12-7	Anthracene	ND	HT-01	ug/L	2.00	2.00	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 20:09	SR
56-55-3	Benzo(a)anthracene	ND	HT-01	ug/L	2.00	2.00	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 20:09	SR
50-32-8	Benzo(a)pyrene	ND	HT-01	ug/L	2.00	2.00	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 20:09	SR
205-99-2	Benzo(b)fluoranthene	ND	HT-01	ug/L	2.00	2.00	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 20:09	SR
191-24-2	Benzo(g,h,i)perylene	ND	HT-01	ug/L	2.00	2.00	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 20:09	SR



Sample Information

Client Sample ID: RW3

York Sample ID: 16K0790-03

York Project (SDG) No.

16K0790

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 7:50 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
207-08-9	Benzo(k)fluoranthene	ND	HT-01	ug/L	2.00	2.00	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 20:09	SR
100-51-6	Benzyl alcohol	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 20:09	SR
85-68-7	Benzyl butyl phthalate	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 20:09	SR
111-91-1	Bis(2-chloroethoxy)methane	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 20:09	SR
111-44-4	Bis(2-chloroethyl)ether	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 20:09	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 20:09	SR
117-81-7	Bis(2-ethylhexyl)phthalate	44.8	HT-01	ug/L	20.0	20.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 20:09	SR
218-01-9	Chrysene	ND	HT-01	ug/L	2.00	2.00	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 20:09	SR
53-70-3	Dibenzo(a,h)anthracene	ND	HT-01	ug/L	2.00	2.00	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 20:09	SR
132-64-9	Dibenzofuran	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 20:09	SR
84-66-2	Diethyl phthalate	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 20:09	SR
131-11-3	Dimethyl phthalate	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 20:09	SR
84-74-2	Di-n-butyl phthalate	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 20:09	SR
117-84-0	Di-n-octyl phthalate	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 20:09	SR
206-44-0	Fluoranthene	ND	HT-01	ug/L	2.00	2.00	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 20:09	SR
86-73-7	Fluorene	ND	HT-01	ug/L	2.00	2.00	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 20:09	SR
118-74-1	Hexachlorobenzene	ND	HT-01	ug/L	0.800	0.800	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 20:09	SR
87-68-3	Hexachlorobutadiene	ND	HT-01	ug/L	20.0	20.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 20:09	SR
77-47-4	Hexachlorocyclopentadiene	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 20:09	SR
67-72-1	Hexachloroethane	ND	HT-01	ug/L	20.0	20.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 20:09	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND	HT-01	ug/L	2.00	2.00	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 20:09	SR



Sample Information

Client Sample ID: RW3

York Sample ID: 16K0790-03

York Project (SDG) No.

16K0790

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 7:50 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
78-59-1	Isophorone	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 20:09	SR
91-20-3	Naphthalene	ND	HT-01	ug/L	2.00	2.00	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 20:09	SR
98-95-3	Nitrobenzene	ND	HT-01	ug/L	10.0	10.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 20:09	SR
62-75-9	N-Nitrosodimethylamine	ND	HT-01	ug/L	20.0	20.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 20:09	SR
621-64-7	N-nitroso-di-n-propylamine	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 20:09	SR
86-30-6	N-Nitrosodiphenylamine	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 20:09	SR
87-86-5	Pentachlorophenol	ND	HT-01	ug/L	10.0	10.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 20:09	SR
85-01-8	Phenanthrene	ND	HT-01	ug/L	2.00	2.00	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 20:09	SR
108-95-2	Phenol	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 20:09	SR
129-00-0	Pyrene	ND	HT-01	ug/L	2.00	2.00	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 20:09	SR
110-86-1	Pyridine	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 20:09	SR
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	1.01 %	HT-01	12-64							
4165-62-2	Surrogate: Phenol-d5	7.85 %	HT-01	10-82							
4165-60-0	Surrogate: Nitrobenzene-d5	20.1 %	HT-01	12-96							
321-60-8	Surrogate: 2-Fluorobiphenyl	24.3 %	HT-01	16-84							
118-79-6	Surrogate: 2,4,6-Tribromophenol	32.0 %	HT-01	15-104							
1718-51-0	Surrogate: Terphenyl-d14	24.4 %	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 03:38	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 03:38	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 03:38	KV
7440-47-3	Chromium	0.993		mg/L	0.250	0.250	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/23/2016 11:05	11/24/2016 03:38	KV



Sample Information

Client Sample ID: RW3

York Sample ID: 16K0790-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16K0790

CL2-45 (Carville Leather Site, Johnstown NY)

Waste Water

November 10, 2016 7:50 am

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
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 03:38	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 03:38	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 03:38	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

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: RW4

York Sample ID: 16K0790-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16K0790

CL2-45 (Carville Leather Site, Johnstown NY)

Waste Water

November 10, 2016 8:00 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
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Sample Information

Client Sample ID: RW4

York Sample ID: 16K0790-04

York Project (SDG) No.

16K0790

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 8:00 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
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 06:26	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 06:26	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 06:26	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 06:26	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 06:26	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 06:26	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 06:26	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 06:26	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 06:26	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 06:26	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 06:26	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 06:26	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 06:26	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 06:26	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 06:26	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 06:26	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 06:26	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 06:26	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 06:26	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 06:26	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 06:26	SS



Sample Information

Client Sample ID: RW4

York Sample ID: 16K0790-04

York Project (SDG) No.

16K0790

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 8:00 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
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 06:26	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 06:26	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 06:26	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 06:26	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 06:26	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 06:26	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 06:26	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 06:26	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 06:26	SS
75-25-2	Bromoform	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 06:26	SS
74-83-9	Bromomethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 06:26	SS
56-23-5	Carbon tetrachloride	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 06:26	SS
108-90-7	Chlorobenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 06:26	SS
75-00-3	Chloroethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 06:26	SS
67-66-3	Chloroform	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 06:26	SS
74-87-3	Chloromethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 06:26	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 06:26	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 06:26	SS
124-48-1	Dibromochloromethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 06:26	SS
74-95-3	Dibromomethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 06:26	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 06:26	SS



Sample Information

Client Sample ID: RW4

York Sample ID: 16K0790-04

York Project (SDG) No.

16K0790

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 8:00 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
100-41-4	Ethyl Benzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 06:26	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 06:26	SS
98-82-8	Isopropylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 06:26	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 06:26	SS
75-09-2	Methylene chloride	ND		ug/L	25000	100000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 06:26	SS
91-20-3	Naphthalene	ND		ug/L	25000	100000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 06:26	SS
104-51-8	n-Butylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 06:26	SS
103-65-1	n-Propylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 06:26	SS
95-47-6	o-Xylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,PADEP	11/30/2016 17:15	12/01/2016 06:26	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	50000	100000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,PADEP	11/30/2016 17:15	12/01/2016 06:26	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 06:26	SS
135-98-8	sec-Butylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 06:26	SS
100-42-5	Styrene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 06:26	SS
98-06-6	tert-Butylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 06:26	SS
127-18-4	Tetrachloroethylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 06:26	SS
108-88-3	Toluene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 06:26	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 06:26	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 06:26	SS
79-01-6	Trichloroethylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 06:26	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 06:26	SS
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 06:26	SS



Sample Information

Client Sample ID: RW4

York Sample ID: 16K0790-04

York Project (SDG) No.

16K0790

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 8:00 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
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 06:26	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 06:26	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %						69-130			
2037-26-5	Surrogate: Toluene-d8	96.8 %						81-117			
460-00-4	Surrogate: p-Bromofluorobenzene	96.4 %						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	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:38	SR
95-50-1	1,2-Dichlorobenzene	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	11/21/2016 11:53	11/22/2016 19:38	SR
541-73-1	1,3-Dichlorobenzene	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	11/21/2016 11:53	11/22/2016 19:38	SR
106-46-7	1,4-Dichlorobenzene	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	11/21/2016 11:53	11/22/2016 19:38	SR
95-95-4	2,4,5-Trichlorophenol	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:38	SR
88-06-2	2,4,6-Trichlorophenol	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:38	SR
120-83-2	2,4-Dichlorophenol	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:38	SR
105-67-9	2,4-Dimethylphenol	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:38	SR
51-28-5	2,4-Dinitrophenol	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:38	SR
121-14-2	2,4-Dinitrotoluene	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:38	SR
606-20-2	2,6-Dinitrotoluene	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:38	SR
91-58-7	2-Chloronaphthalene	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:38	SR
95-57-8	2-Chlorophenol	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:38	SR
91-57-6	2-Methylnaphthalene	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:38	SR



Sample Information

Client Sample ID: RW4

York Sample ID: 16K0790-04

York Project (SDG) No.

16K0790

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 8:00 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
95-48-7	2-Methylphenol	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:38	SR
88-74-4	2-Nitroaniline	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:38	SR
88-75-5	2-Nitrophenol	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:38	SR
65794-96-9	3- & 4-Methylphenols	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:38	SR
91-94-1	3,3'-Dichlorobenzidine	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:38	SR
99-09-2	3-Nitroaniline	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:38	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:38	SR
101-55-3	4-Bromophenyl phenyl ether	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:38	SR
59-50-7	4-Chloro-3-methylphenol	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:38	SR
106-47-8	4-Chloroaniline	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:38	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:38	SR
100-01-6	4-Nitroaniline	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:38	SR
100-02-7	4-Nitrophenol	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:38	SR
83-32-9	Acenaphthene	ND	HT-01	ug/L	2.00	2.00	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:38	SR
208-96-8	Acenaphthylene	ND	HT-01	ug/L	2.00	2.00	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:38	SR
62-53-3	Aniline	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:38	SR
120-12-7	Anthracene	ND	HT-01	ug/L	2.00	2.00	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:38	SR
56-55-3	Benzo(a)anthracene	ND	HT-01	ug/L	2.00	2.00	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:38	SR
50-32-8	Benzo(a)pyrene	ND	HT-01	ug/L	2.00	2.00	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:38	SR
205-99-2	Benzo(b)fluoranthene	ND	HT-01	ug/L	2.00	2.00	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:38	SR
191-24-2	Benzo(g,h,i)perylene	ND	HT-01	ug/L	2.00	2.00	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:38	SR



Sample Information

Client Sample ID: RW4

York Sample ID: 16K0790-04

York Project (SDG) No.

16K0790

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 8:00 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
207-08-9	Benzo(k)fluoranthene	ND	HT-01	ug/L	2.00	2.00	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:38	SR
100-51-6	Benzyl alcohol	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:38	SR
85-68-7	Benzyl butyl phthalate	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:38	SR
111-91-1	Bis(2-chloroethoxy)methane	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:38	SR
111-44-4	Bis(2-chloroethyl)ether	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:38	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:38	SR
117-81-7	Bis(2-ethylhexyl)phthalate	237	HT-01	ug/L	20.0	20.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:38	SR
218-01-9	Chrysene	ND	HT-01	ug/L	2.00	2.00	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:38	SR
53-70-3	Dibenzo(a,h)anthracene	ND	HT-01	ug/L	2.00	2.00	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:38	SR
132-64-9	Dibenzofuran	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:38	SR
84-66-2	Diethyl phthalate	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:38	SR
131-11-3	Dimethyl phthalate	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:38	SR
84-74-2	Di-n-butyl phthalate	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:38	SR
117-84-0	Di-n-octyl phthalate	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:38	SR
206-44-0	Fluoranthene	ND	HT-01	ug/L	2.00	2.00	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:38	SR
86-73-7	Fluorene	ND	HT-01	ug/L	2.00	2.00	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:38	SR
118-74-1	Hexachlorobenzene	ND	HT-01	ug/L	0.800	0.800	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:38	SR
87-68-3	Hexachlorobutadiene	ND	HT-01	ug/L	20.0	20.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:38	SR
77-47-4	Hexachlorocyclopentadiene	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:38	SR
67-72-1	Hexachloroethane	ND	HT-01	ug/L	20.0	20.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:38	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND	HT-01	ug/L	2.00	2.00	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:38	SR



Sample Information

Client Sample ID: RW4

York Sample ID: 16K0790-04

York Project (SDG) No.

16K0790

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 8:00 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
78-59-1	Isophorone	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:38	SR
91-20-3	Naphthalene	ND	HT-01	ug/L	2.00	2.00	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:38	SR
98-95-3	Nitrobenzene	ND	HT-01	ug/L	10.0	10.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:38	SR
62-75-9	N-Nitrosodimethylamine	ND	HT-01	ug/L	20.0	20.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:38	SR
621-64-7	N-nitroso-di-n-propylamine	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:38	SR
86-30-6	N-Nitrosodiphenylamine	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:38	SR
87-86-5	Pentachlorophenol	ND	HT-01	ug/L	10.0	10.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:38	SR
85-01-8	Phenanthrene	ND	HT-01	ug/L	2.00	2.00	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:38	SR
108-95-2	Phenol	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:38	SR
129-00-0	Pyrene	ND	HT-01	ug/L	2.00	2.00	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:38	SR
110-86-1	Pyridine	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:38	SR
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	28.8 %	HT-01	12-64							
4165-62-2	Surrogate: Phenol-d5	18.6 %	HT-01	10-82							
4165-60-0	Surrogate: Nitrobenzene-d5	63.1 %	HT-01	12-96							
321-60-8	Surrogate: 2-Fluorobiphenyl	56.3 %	HT-01	16-84							
118-79-6	Surrogate: 2,4,6-Tribromophenol	80.2 %	HT-01	15-104							
1718-51-0	Surrogate: Terphenyl-d14	58.2 %	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 03:43	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 03:43	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 03:43	KV
7440-47-3	Chromium	0.260		mg/L	0.050	0.050	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/23/2016 11:05	11/24/2016 03:43	KV



Sample Information

Client Sample ID: RW4

York Sample ID: 16K0790-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16K0790

CL2-45 (Carville Leather Site, Johnstown NY)

Waste Water

November 10, 2016 8:00 am

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
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 03:43	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 03:43	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 03:43	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

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: RW5

York Sample ID: 16K0790-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16K0790

CL2-45 (Carville Leather Site, Johnstown NY)

Waste Water

November 10, 2016 8:10 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	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: RW5

York Sample ID: 16K0790-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16K0790

CL2-45 (Carville Leather Site, Johnstown NY)

Waste Water

November 10, 2016 8:10 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: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 07:06	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 07:06	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 07:06	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 07:06	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 07:06	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 07:06	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 07:06	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 07:06	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 07:06	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 07:06	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 07:06	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 07:06	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 07:06	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 07:06	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 07:06	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 07:06	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 07:06	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 07:06	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 07:06	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 07:06	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 07:06	SS



Sample Information

Client Sample ID: RW5

York Sample ID: 16K0790-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16K0790

CL2-45 (Carville Leather Site, Johnstown NY)

Waste Water

November 10, 2016 8:10 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
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 07:06	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 07:06	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 07:06	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 07:06	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 07:06	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 07:06	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 07:06	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 07:06	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 07:06	SS
75-25-2	Bromoform	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 07:06	SS
74-83-9	Bromomethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 07:06	SS
56-23-5	Carbon tetrachloride	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 07:06	SS
108-90-7	Chlorobenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 07:06	SS
75-00-3	Chloroethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 07:06	SS
67-66-3	Chloroform	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 07:06	SS
74-87-3	Chloromethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 07:06	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 07:06	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 07:06	SS
124-48-1	Dibromochloromethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 07:06	SS
74-95-3	Dibromomethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 07:06	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 07:06	SS



Sample Information

Client Sample ID: RW5

York Sample ID: 16K0790-05

York Project (SDG) No.

16K0790

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 8:10 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
100-41-4	Ethyl Benzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 07:06	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 07:06	SS
98-82-8	Isopropylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 07:06	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 07:06	SS
75-09-2	Methylene chloride	ND		ug/L	25000	100000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 07:06	SS
91-20-3	Naphthalene	ND		ug/L	25000	100000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 07:06	SS
104-51-8	n-Butylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 07:06	SS
103-65-1	n-Propylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 07:06	SS
95-47-6	o-Xylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,PADEP	11/30/2016 17:15	12/01/2016 07:06	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	50000	100000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,PADEP	11/30/2016 17:15	12/01/2016 07:06	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 07:06	SS
135-98-8	sec-Butylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 07:06	SS
100-42-5	Styrene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 07:06	SS
98-06-6	tert-Butylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 07:06	SS
127-18-4	Tetrachloroethylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 07:06	SS
108-88-3	Toluene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 07:06	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 07:06	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 07:06	SS
79-01-6	Trichloroethylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 07:06	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 07:06	SS
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 07:06	SS



Sample Information

Client Sample ID: RW5

York Sample ID: 16K0790-05

York Project (SDG) No.

16K0790

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 8:10 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
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 07:06	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 07:06	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	100 %			69-130						
2037-26-5	Surrogate: Toluene-d8	97.4 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	98.8 %			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	250	500	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:06	SR
95-50-1	1,2-Dichlorobenzene	ND	HT-01	ug/L	250	500	5	EPA 8270D Certifications: NELAC-NY10854,PADEP	11/21/2016 11:53	11/22/2016 19:06	SR
541-73-1	1,3-Dichlorobenzene	ND	HT-01	ug/L	250	500	5	EPA 8270D Certifications: NELAC-NY10854,PADEP	11/21/2016 11:53	11/22/2016 19:06	SR
106-46-7	1,4-Dichlorobenzene	ND	HT-01	ug/L	250	500	5	EPA 8270D Certifications: NELAC-NY10854,PADEP	11/21/2016 11:53	11/22/2016 19:06	SR
95-95-4	2,4,5-Trichlorophenol	ND	HT-01	ug/L	250	500	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:06	SR
88-06-2	2,4,6-Trichlorophenol	ND	HT-01	ug/L	250	500	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:06	SR
120-83-2	2,4-Dichlorophenol	ND	HT-01	ug/L	250	500	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:06	SR
105-67-9	2,4-Dimethylphenol	ND	HT-01	ug/L	250	500	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:06	SR
51-28-5	2,4-Dinitrophenol	ND	HT-01	ug/L	250	500	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:06	SR
121-14-2	2,4-Dinitrotoluene	ND	HT-01	ug/L	250	500	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:06	SR
606-20-2	2,6-Dinitrotoluene	ND	HT-01	ug/L	250	500	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:06	SR
91-58-7	2-Chloronaphthalene	ND	HT-01	ug/L	250	500	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:06	SR
95-57-8	2-Chlorophenol	ND	HT-01	ug/L	250	500	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:06	SR
91-57-6	2-Methylnaphthalene	ND	HT-01	ug/L	250	500	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:06	SR



Sample Information

Client Sample ID: RW5

York Sample ID: 16K0790-05

York Project (SDG) No.

16K0790

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 8:10 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
95-48-7	2-Methylphenol	ND	HT-01	ug/L	250	500	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:06	SR
88-74-4	2-Nitroaniline	ND	HT-01	ug/L	250	500	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:06	SR
88-75-5	2-Nitrophenol	ND	HT-01	ug/L	250	500	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:06	SR
65794-96-9	3- & 4-Methylphenols	ND	HT-01	ug/L	250	500	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:06	SR
91-94-1	3,3'-Dichlorobenzidine	ND	HT-01	ug/L	250	500	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:06	SR
99-09-2	3-Nitroaniline	ND	HT-01	ug/L	250	500	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:06	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND	HT-01	ug/L	250	500	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:06	SR
101-55-3	4-Bromophenyl phenyl ether	ND	HT-01	ug/L	250	500	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:06	SR
59-50-7	4-Chloro-3-methylphenol	ND	HT-01	ug/L	250	500	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:06	SR
106-47-8	4-Chloroaniline	ND	HT-01	ug/L	250	500	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:06	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND	HT-01	ug/L	250	500	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:06	SR
100-01-6	4-Nitroaniline	ND	HT-01	ug/L	250	500	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:06	SR
100-02-7	4-Nitrophenol	ND	HT-01	ug/L	250	500	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:06	SR
83-32-9	Acenaphthene	ND	HT-01	ug/L	5.00	5.00	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:06	SR
208-96-8	Acenaphthylene	ND	HT-01	ug/L	5.00	5.00	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:06	SR
62-53-3	Aniline	ND	HT-01	ug/L	250	500	5	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:06	SR
120-12-7	Anthracene	ND	HT-01	ug/L	5.00	5.00	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:06	SR
56-55-3	Benzo(a)anthracene	ND	HT-01	ug/L	5.00	5.00	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:06	SR
50-32-8	Benzo(a)pyrene	ND	HT-01	ug/L	5.00	5.00	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:06	SR
205-99-2	Benzo(b)fluoranthene	ND	HT-01	ug/L	5.00	5.00	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:06	SR
191-24-2	Benzo(g,h,i)perylene	ND	HT-01	ug/L	5.00	5.00	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:06	SR



Sample Information

Client Sample ID: RW5

York Sample ID: 16K0790-05

York Project (SDG) No.

16K0790

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 8:10 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
207-08-9	Benzo(k)fluoranthene	ND	HT-01	ug/L	5.00	5.00	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:06	SR
100-51-6	Benzyl alcohol	319000	HT-01	ug/L	25000	50000	500	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/23/2016 23:17	SR
85-68-7	Benzyl butyl phthalate	ND	HT-01	ug/L	250	500	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:06	SR
111-91-1	Bis(2-chloroethoxy)methane	ND	HT-01	ug/L	250	500	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:06	SR
111-44-4	Bis(2-chloroethyl)ether	ND	HT-01	ug/L	250	500	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:06	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND	HT-01	ug/L	250	500	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:06	SR
117-81-7	Bis(2-ethylhexyl)phthalate	90.0	HT-01	ug/L	50.0	50.0	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:06	SR
218-01-9	Chrysene	ND	HT-01	ug/L	5.00	5.00	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:06	SR
53-70-3	Dibenzo(a,h)anthracene	ND	HT-01	ug/L	5.00	5.00	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:06	SR
132-64-9	Dibenzofuran	ND	HT-01	ug/L	250	500	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:06	SR
84-66-2	Diethyl phthalate	ND	HT-01	ug/L	250	500	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:06	SR
131-11-3	Dimethyl phthalate	ND	HT-01	ug/L	250	500	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:06	SR
84-74-2	Di-n-butyl phthalate	ND	HT-01	ug/L	250	500	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:06	SR
117-84-0	Di-n-octyl phthalate	ND	HT-01	ug/L	250	500	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:06	SR
206-44-0	Fluoranthene	ND	HT-01	ug/L	5.00	5.00	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:06	SR
86-73-7	Fluorene	ND	HT-01	ug/L	5.00	5.00	5	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:06	SR
118-74-1	Hexachlorobenzene	ND	HT-01	ug/L	2.00	2.00	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:06	SR
87-68-3	Hexachlorobutadiene	ND	HT-01	ug/L	50.0	50.0	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:06	SR
77-47-4	Hexachlorocyclopentadiene	ND	HT-01	ug/L	250	500	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:06	SR
67-72-1	Hexachloroethane	ND	HT-01	ug/L	50.0	50.0	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:06	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND	HT-01	ug/L	5.00	5.00	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:06	SR
78-59-1	Isophorone	ND	HT-01	ug/L	250	500	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:06	SR



Sample Information

Client Sample ID: RW5

York Sample ID: 16K0790-05

York Project (SDG) No.

16K0790

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 8:10 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
91-20-3	Naphthalene	ND	HT-01	ug/L	5.00	5.00	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:06	SR
98-95-3	Nitrobenzene	ND	HT-01	ug/L	25.0	25.0	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:06	SR
62-75-9	N-Nitrosodimethylamine	ND	HT-01	ug/L	50.0	50.0	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:06	SR
621-64-7	N-nitroso-di-n-propylamine	ND	HT-01	ug/L	250	500	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:06	SR
86-30-6	N-Nitrosodiphenylamine	ND	HT-01	ug/L	250	500	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:06	SR
87-86-5	Pentachlorophenol	ND	HT-01	ug/L	25.0	25.0	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:06	SR
85-01-8	Phenanthrene	ND	HT-01	ug/L	5.00	5.00	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:06	SR
108-95-2	Phenol	ND	HT-01	ug/L	250	500	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:06	SR
129-00-0	Pyrene	ND	HT-01	ug/L	5.00	5.00	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:06	SR
110-86-1	Pyridine	ND	HT-01	ug/L	250	500	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/21/2016 11:53	11/22/2016 19:06	SR
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	36.2 %	HT-01	12-64							
4165-62-2	Surrogate: Phenol-d5	24.4 %	HT-01	10-82							
4165-60-0	Surrogate: Nitrobenzene-d5	74.7 %	HT-01	12-96							
321-60-8	Surrogate: 2-Fluorobiphenyl	74.7 %	HT-01	16-84							
118-79-6	Surrogate: 2,4,6-Tribromophenol	85.6 %	HT-01	15-104							
1718-51-0	Surrogate: Terphenyl-d14	70.6 %	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 03:48	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 03:48	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 03:48	KV
7440-47-3	Chromium	0.770		mg/L	0.050	0.050	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/23/2016 11:05	11/24/2016 03:48	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 03:48	KV



Sample Information

Client Sample ID: RW5

York Sample ID: 16K0790-05

York Project (SDG) No.
16K0790

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

Matrix
Waste Water

Collection Date/Time
November 10, 2016 8:10 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
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 03:48	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 03:48	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

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: RW6

York Sample ID: 16K0790-06

York Project (SDG) No.
16K0790

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

Matrix
Waste Water

Collection Date/Time
November 10, 2016 8:20 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	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 07:46	SS



Sample Information

Client Sample ID: RW6

York Sample ID: 16K0790-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16K0790

CL2-45 (Carville Leather Site, Johnstown NY)

Waste Water

November 10, 2016 8:20 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
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 07:46	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 07:46	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 07:46	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 07:46	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 07:46	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 07:46	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 07:46	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 07:46	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 07:46	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 07:46	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 07:46	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 07:46	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 07:46	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 07:46	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 07:46	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 07:46	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 07:46	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 07:46	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 07:46	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 07:46	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 07:46	SS



Sample Information

Client Sample ID: RW6

York Sample ID: 16K0790-06

York Project (SDG) No.

16K0790

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 8:20 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
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 07:46	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 07:46	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 07:46	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 07:46	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 07:46	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 07:46	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 07:46	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 07:46	SS
75-25-2	Bromoform	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 07:46	SS
74-83-9	Bromomethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 07:46	SS
56-23-5	Carbon tetrachloride	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 07:46	SS
108-90-7	Chlorobenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 07:46	SS
75-00-3	Chloroethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 07:46	SS
67-66-3	Chloroform	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 07:46	SS
74-87-3	Chloromethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 07:46	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 07:46	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 07:46	SS
124-48-1	Dibromochloromethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 07:46	SS
74-95-3	Dibromomethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 07:46	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 07:46	SS
100-41-4	Ethyl Benzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 07:46	SS



Sample Information

Client Sample ID: RW6

York Sample ID: 16K0790-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16K0790

CL2-45 (Carville Leather Site, Johnstown NY)

Waste Water

November 10, 2016 8:20 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
87-68-3	Hexachlorobutadiene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 07:46	SS
98-82-8	Isopropylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 07:46	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 07:46	SS
75-09-2	Methylene chloride	ND		ug/L	25000	100000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 07:46	SS
91-20-3	Naphthalene	ND		ug/L	25000	100000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 07:46	SS
104-51-8	n-Butylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 07:46	SS
103-65-1	n-Propylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 07:46	SS
95-47-6	o-Xylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,PADEP	11/30/2016 17:15	12/01/2016 07:46	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	50000	100000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,PADEP	11/30/2016 17:15	12/01/2016 07:46	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 07:46	SS
135-98-8	sec-Butylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 07:46	SS
100-42-5	Styrene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 07:46	SS
98-06-6	tert-Butylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 07:46	SS
127-18-4	Tetrachloroethylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 07:46	SS
108-88-3	Toluene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 07:46	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 07:46	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 07:46	SS
79-01-6	Trichloroethylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 07:46	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 07:46	SS
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 07:46	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 07:46	SS



Sample Information

Client Sample ID: RW6

York Sample ID: 16K0790-06

York Project (SDG) No.

16K0790

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 8:20 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
1330-20-7	Xylenes, Total	ND		ug/L	75000	150000	10000	EPA 8260C	11/30/2016 17:15	12/01/2016 07:46	SS
Surrogate Recoveries		Result			Acceptance Range		Certifications: CTDOH,NELAC-NY10854,NJDEP				
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	101 %			69-130						
2037-26-5	Surrogate: Toluene-d8	95.9 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	97.9 %			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	100	200	2	EPA 8270D	11/22/2016 12:02	11/23/2016 14:02	SR
		Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP									
95-50-1	1,2-Dichlorobenzene	ND	HT-01	ug/L	100	200	2	EPA 8270D	11/22/2016 12:02	11/23/2016 14:02	SR
		Certifications: NELAC-NY10854,PADEP									
541-73-1	1,3-Dichlorobenzene	ND	HT-01	ug/L	100	200	2	EPA 8270D	11/22/2016 12:02	11/23/2016 14:02	SR
		Certifications: NELAC-NY10854,PADEP									
106-46-7	1,4-Dichlorobenzene	ND	HT-01	ug/L	100	200	2	EPA 8270D	11/22/2016 12:02	11/23/2016 14:02	SR
		Certifications: NELAC-NY10854,PADEP									
95-95-4	2,4,5-Trichlorophenol	ND	HT-01	ug/L	100	200	2	EPA 8270D	11/22/2016 12:02	11/23/2016 14:02	SR
		Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP									
88-06-2	2,4,6-Trichlorophenol	ND	HT-01	ug/L	100	200	2	EPA 8270D	11/22/2016 12:02	11/23/2016 14:02	SR
		Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP									
120-83-2	2,4-Dichlorophenol	ND	HT-01	ug/L	100	200	2	EPA 8270D	11/22/2016 12:02	11/23/2016 14:02	SR
		Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP									
105-67-9	2,4-Dimethylphenol	ND	HT-01	ug/L	100	200	2	EPA 8270D	11/22/2016 12:02	11/23/2016 14:02	SR
		Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP									
51-28-5	2,4-Dinitrophenol	ND	HT-01	ug/L	100	200	2	EPA 8270D	11/22/2016 12:02	11/23/2016 14:02	SR
		Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP									
121-14-2	2,4-Dinitrotoluene	ND	HT-01	ug/L	100	200	2	EPA 8270D	11/22/2016 12:02	11/23/2016 14:02	SR
		Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP									
606-20-2	2,6-Dinitrotoluene	ND	HT-01	ug/L	100	200	2	EPA 8270D	11/22/2016 12:02	11/23/2016 14:02	SR
		Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP									
91-58-7	2-Chloronaphthalene	ND	HT-01	ug/L	100	200	2	EPA 8270D	11/22/2016 12:02	11/23/2016 14:02	SR
		Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP									
95-57-8	2-Chlorophenol	ND	HT-01	ug/L	100	200	2	EPA 8270D	11/22/2016 12:02	11/23/2016 14:02	SR
		Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP									
91-57-6	2-Methylnaphthalene	127	J, HT-01	ug/L	100	200	2	EPA 8270D	11/22/2016 12:02	11/23/2016 14:02	SR
		Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP									
95-48-7	2-Methylphenol	ND	HT-01	ug/L	100	200	2	EPA 8270D	11/22/2016 12:02	11/23/2016 14:02	SR
		Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP									



Sample Information

Client Sample ID: RW6

York Sample ID: 16K0790-06

York Project (SDG) No.

16K0790

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 8:20 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
88-74-4	2-Nitroaniline	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:02	SR
88-75-5	2-Nitrophenol	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:02	SR
65794-96-9	3- & 4-Methylphenols	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:02	SR
91-94-1	3,3'-Dichlorobenzidine	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:02	SR
99-09-2	3-Nitroaniline	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:02	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:02	SR
101-55-3	4-Bromophenyl phenyl ether	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:02	SR
59-50-7	4-Chloro-3-methylphenol	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:02	SR
106-47-8	4-Chloroaniline	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:02	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:02	SR
100-01-6	4-Nitroaniline	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:02	SR
100-02-7	4-Nitrophenol	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:02	SR
83-32-9	Acenaphthene	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:02	SR
208-96-8	Acenaphthylene	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:02	SR
62-53-3	Aniline	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:02	SR
120-12-7	Anthracene	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:02	SR
56-55-3	Benzo(a)anthracene	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:02	SR
50-32-8	Benzo(a)pyrene	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:02	SR
205-99-2	Benzo(b)fluoranthene	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:02	SR
191-24-2	Benzo(g,h,i)perylene	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:02	SR
207-08-9	Benzo(k)fluoranthene	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:02	SR



Sample Information

Client Sample ID: RW6

York Sample ID: 16K0790-06

York Project (SDG) No.

16K0790

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 8:20 am

Date Received

11/14/2016

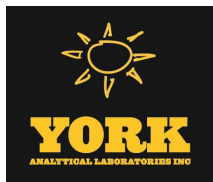
Semi-Volatiles, 8270 Target List

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
100-51-6	Benzyl alcohol	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:02	SR
85-68-7	Benzyl butyl phthalate	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:02	SR
111-91-1	Bis(2-chloroethoxy)methane	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:02	SR
111-44-4	Bis(2-chloroethyl)ether	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:02	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:02	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:02	SR
218-01-9	Chrysene	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:02	SR
53-70-3	Dibenzo(a,h)anthracene	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:02	SR
132-64-9	Dibenzofuran	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:02	SR
84-66-2	Diethyl phthalate	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:02	SR
131-11-3	Dimethyl phthalate	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:02	SR
84-74-2	Di-n-butyl phthalate	136	J, HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:02	SR
117-84-0	Di-n-octyl phthalate	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:02	SR
206-44-0	Fluoranthene	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:02	SR
86-73-7	Fluorene	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:02	SR
118-74-1	Hexachlorobenzene	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:02	SR
87-68-3	Hexachlorobutadiene	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:02	SR
77-47-4	Hexachlorocyclopentadiene	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:02	SR
67-72-1	Hexachloroethane	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:02	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:02	SR
78-59-1	Isophorone	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:02	SR



Sample Information

Client Sample ID: RW6

York Sample ID: 16K0790-06

York Project (SDG) No.

16K0790

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 8:20 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
91-20-3	Naphthalene	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:02	SR
98-95-3	Nitrobenzene	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:02	SR
62-75-9	N-Nitrosodimethylamine	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:02	SR
621-64-7	N-nitroso-di-n-propylamine	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:02	SR
86-30-6	N-Nitrosodiphenylamine	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:02	SR
87-86-5	Pentachlorophenol	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:02	SR
85-01-8	Phenanthrene	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:02	SR
108-95-2	Phenol	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:02	SR
129-00-0	Pyrene	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:02	SR
110-86-1	Pyridine	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:02	SR
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	16.3 %	HT-01	12-64							
4165-62-2	Surrogate: Phenol-d5	11.0 %	HT-01	10-82							
4165-60-0	Surrogate: Nitrobenzene-d5	49.4 %	HT-01	12-96							
321-60-8	Surrogate: 2-Fluorobiphenyl	42.0 %	HT-01	16-84							
118-79-6	Surrogate: 2,4,6-Tribromophenol	47.2 %	HT-01	15-104							
1718-51-0	Surrogate: Terphenyl-d14	68.9 %	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	0.050		mg/L	0.040	0.040	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/23/2016 11:05	11/24/2016 03:53	KV
7440-39-3	Barium	0.252		mg/L	0.100	0.100	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/23/2016 11:05	11/24/2016 03:53	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 03:53	KV
7440-47-3	Chromium	0.312		mg/L	0.050	0.050	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/23/2016 11:05	11/24/2016 03:53	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 03:53	KV



Sample Information

Client Sample ID: RW6

York Sample ID: 16K0790-06

York Project (SDG) No.
16K0790

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

Matrix
Waste Water

Collection Date/Time
November 10, 2016 8:20 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
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 03:53	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 03:53	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

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: RW7

York Sample ID: 16K0790-07

York Project (SDG) No.
16K0790

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

Matrix
Waste Water

Collection Date/Time
November 10, 2016 8:30 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	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 08:26	SS



Sample Information

Client Sample ID: RW7

York Sample ID: 16K0790-07

York Project (SDG) No.

16K0790

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 8:30 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
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 08:26	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 08:26	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 08:26	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 08:26	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 08:26	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 08:26	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 08:26	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 08:26	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 08:26	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 08:26	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 08:26	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 08:26	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 08:26	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 08:26	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 08:26	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 08:26	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 08:26	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 08:26	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 08:26	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 08:26	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 08:26	SS



Sample Information

Client Sample ID: RW7

York Sample ID: 16K0790-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16K0790

CL2-45 (Carville Leather Site, Johnstown NY)

Waste Water

November 10, 2016 8:30 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
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 08:26	SS
95-49-8	2-Chlorotoluene	190000		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 08:26	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 08:26	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 08:26	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 08:26	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 08:26	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 08:26	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 08:26	SS
75-25-2	Bromoform	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 08:26	SS
74-83-9	Bromomethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 08:26	SS
56-23-5	Carbon tetrachloride	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 08:26	SS
108-90-7	Chlorobenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 08:26	SS
75-00-3	Chloroethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 08:26	SS
67-66-3	Chloroform	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 08:26	SS
74-87-3	Chloromethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 08:26	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 08:26	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 08:26	SS
124-48-1	Dibromochloromethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 08:26	SS
74-95-3	Dibromomethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 08:26	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 08:26	SS
100-41-4	Ethyl Benzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 08:26	SS



Sample Information

Client Sample ID: RW7

York Sample ID: 16K0790-07

York Project (SDG) No.

16K0790

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 8:30 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
87-68-3	Hexachlorobutadiene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 08:26	SS
98-82-8	Isopropylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 08:26	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 08:26	SS
75-09-2	Methylene chloride	ND		ug/L	25000	100000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 08:26	SS
91-20-3	Naphthalene	ND		ug/L	25000	100000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 08:26	SS
104-51-8	n-Butylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 08:26	SS
103-65-1	n-Propylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 08:26	SS
95-47-6	o-Xylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,PADEP	11/30/2016 17:15	12/01/2016 08:26	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	50000	100000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,PADEP	11/30/2016 17:15	12/01/2016 08:26	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 08:26	SS
135-98-8	sec-Butylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 08:26	SS
100-42-5	Styrene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 08:26	SS
98-06-6	tert-Butylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 08:26	SS
127-18-4	Tetrachloroethylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 08:26	SS
108-88-3	Toluene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 08:26	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 08:26	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 08:26	SS
79-01-6	Trichloroethylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 08:26	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 08:26	SS
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 08:26	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 08:26	SS



Sample Information

Client Sample ID: RW7

York Sample ID: 16K0790-07

York Project (SDG) No.

16K0790

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 8:30 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
1330-20-7	Xylenes, Total	ND		ug/L	75000	150000	10000	EPA 8260C	11/30/2016 17:15	12/01/2016 08:26	SS
Certifications: CTDOH,NELAC-NY10854,NJDEP											
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	101 %	69-130								
2037-26-5	Surrogate: Toluene-d8	96.7 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	99.3 %	79-122								

Semi-Volatiles, 8270 Target List

Log-in Notes: VOA-CONT **Sample Notes:** HT-01

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		ug/L	55000	110000	100	EPA 8270D	11/22/2016 12:02	11/23/2016 14:32	SR
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
95-50-1	1,2-Dichlorobenzene	ND		ug/L	55000	110000	100	EPA 8270D	11/22/2016 12:02	11/23/2016 14:32	SR
Certifications: NELAC-NY10854,PADEP											
541-73-1	1,3-Dichlorobenzene	ND		ug/L	55000	110000	100	EPA 8270D	11/22/2016 12:02	11/23/2016 14:32	SR
Certifications: NELAC-NY10854,PADEP											
106-46-7	1,4-Dichlorobenzene	ND		ug/L	55000	110000	100	EPA 8270D	11/22/2016 12:02	11/23/2016 14:32	SR
Certifications: NELAC-NY10854,PADEP											
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	55000	110000	100	EPA 8270D	11/22/2016 12:02	11/23/2016 14:32	SR
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	55000	110000	100	EPA 8270D	11/22/2016 12:02	11/23/2016 14:32	SR
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
120-83-2	2,4-Dichlorophenol	ND		ug/L	55000	110000	100	EPA 8270D	11/22/2016 12:02	11/23/2016 14:32	SR
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
105-67-9	2,4-Dimethylphenol	ND		ug/L	55000	110000	100	EPA 8270D	11/22/2016 12:02	11/23/2016 14:32	SR
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
51-28-5	2,4-Dinitrophenol	ND		ug/L	55000	110000	100	EPA 8270D	11/22/2016 12:02	11/23/2016 14:32	SR
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
121-14-2	2,4-Dinitrotoluene	ND		ug/L	55000	110000	100	EPA 8270D	11/22/2016 12:02	11/23/2016 14:32	SR
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
606-20-2	2,6-Dinitrotoluene	ND		ug/L	55000	110000	100	EPA 8270D	11/22/2016 12:02	11/23/2016 14:32	SR
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
91-58-7	2-Chloronaphthalene	ND		ug/L	55000	110000	100	EPA 8270D	11/22/2016 12:02	11/23/2016 14:32	SR
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
95-57-8	2-Chlorophenol	ND		ug/L	55000	110000	100	EPA 8270D	11/22/2016 12:02	11/23/2016 14:32	SR
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
91-57-6	2-Methylnaphthalene	ND		ug/L	55000	110000	100	EPA 8270D	11/22/2016 12:02	11/23/2016 14:32	SR
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
95-48-7	2-Methylphenol	ND		ug/L	55000	110000	100	EPA 8270D	11/22/2016 12:02	11/23/2016 14:32	SR
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											



Sample Information

Client Sample ID: RW7

York Sample ID: 16K0790-07

York Project (SDG) No.

16K0790

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 8:30 am

Date Received

11/14/2016

Semi-Volatiles, 8270 Target List

Log-in Notes:

VOA-CONT

Sample Notes: HT-01

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		ug/L	55000	110000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:32	SR
88-75-5	2-Nitrophenol	ND		ug/L	55000	110000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:32	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	55000	110000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:32	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	55000	110000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:32	SR
99-09-2	3-Nitroaniline	ND		ug/L	55000	110000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:32	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	55000	110000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:32	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	55000	110000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:32	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	55000	110000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:32	SR
106-47-8	4-Chloroaniline	ND		ug/L	55000	110000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:32	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	55000	110000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:32	SR
100-01-6	4-Nitroaniline	ND		ug/L	55000	110000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:32	SR
100-02-7	4-Nitrophenol	ND		ug/L	55000	110000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:32	SR
83-32-9	Acenaphthene	ND		ug/L	55000	110000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:32	SR
208-96-8	Acenaphthylene	ND		ug/L	55000	110000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:32	SR
62-53-3	Aniline	ND		ug/L	55000	110000	100	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:32	SR
120-12-7	Anthracene	ND		ug/L	55000	110000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:32	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	55000	110000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:32	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	55000	110000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:32	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	55000	110000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:32	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	55000	110000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:32	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	55000	110000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:32	SR



Sample Information

Client Sample ID: RW7

York Sample ID: 16K0790-07

York Project (SDG) No.

16K0790

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 8:30 am

Date Received

11/14/2016

Semi-Volatiles, 8270 Target List

Log-in Notes:

VOA-CONT

Sample Notes: HT-01

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
100-51-6	Benzyl alcohol	ND		ug/L	55000	110000	100	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:32	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	55000	110000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:32	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	55000	110000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:32	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	55000	110000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:32	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	55000	110000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:32	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	55000	110000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:32	SR
218-01-9	Chrysene	ND		ug/L	55000	110000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:32	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	55000	110000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:32	SR
132-64-9	Dibenzofuran	ND		ug/L	55000	110000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:32	SR
84-66-2	Diethyl phthalate	ND		ug/L	55000	110000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:32	SR
131-11-3	Dimethyl phthalate	ND		ug/L	55000	110000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:32	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	55000	110000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:32	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	55000	110000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:32	SR
206-44-0	Fluoranthene	ND		ug/L	55000	110000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:32	SR
86-73-7	Fluorene	ND		ug/L	55000	110000	100	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:32	SR
118-74-1	Hexachlorobenzene	ND		ug/L	55000	110000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:32	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	55000	110000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:32	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	55000	110000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:32	SR
67-72-1	Hexachloroethane	ND		ug/L	55000	110000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:32	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	55000	110000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:32	SR
78-59-1	Isophorone	ND		ug/L	55000	110000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:32	SR



Sample Information

Client Sample ID: RW7

York Sample ID: 16K0790-07

York Project (SDG) No.

16K0790

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 8:30 am

Date Received

11/14/2016

Semi-Volatiles, 8270 Target List

Log-in Notes:

VOA-CONT

Sample Notes: HT-01

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/L	55000	110000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:32	SR
98-95-3	Nitrobenzene	ND		ug/L	55000	110000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:32	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	55000	110000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:32	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	55000	110000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:32	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	55000	110000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:32	SR
87-86-5	Pentachlorophenol	ND		ug/L	55000	110000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:32	SR
85-01-8	Phenanthrene	ND		ug/L	55000	110000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:32	SR
108-95-2	Phenol	ND		ug/L	55000	110000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:32	SR
129-00-0	Pyrene	ND		ug/L	55000	110000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:32	SR
110-86-1	Pyridine	ND		ug/L	55000	110000	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 14:32	SR
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: 2-Fluorophenol	%	S-01			12-64					
4165-62-2	Surrogate: Phenol-d5	4140 %	S-01			10-82					
4165-60-0	Surrogate: Nitrobenzene-d5	438 %	S-01			12-96					
321-60-8	Surrogate: 2-Fluorobiphenyl	394 %	S-01			16-84					
118-79-6	Surrogate: 2,4,6-Tribromophenol	%	S-01			15-104					
1718-51-0	Surrogate: Terphenyl-d14	394 %	S-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	0.051		mg/L	0.040	0.040	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/23/2016 11:05	11/24/2016 03:58	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 03:58	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 03:58	KV
7440-47-3	Chromium	0.311		mg/L	0.050	0.050	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/23/2016 11:05	11/24/2016 03:58	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 03:58	KV



Sample Information

Client Sample ID: RW7

York Sample ID: 16K0790-07

York Project (SDG) No.
16K0790

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

Matrix
Waste Water

Collection Date/Time
November 10, 2016 8:30 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
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 03:58	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 03:58	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	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

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: RW8

York Sample ID: 16K0790-08

York Project (SDG) No.
16K0790

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

Matrix
Waste Water

Collection Date/Time
November 10, 2016 8:40 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	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 09:06	SS



Sample Information

Client Sample ID: RW8

York Sample ID: 16K0790-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16K0790

CL2-45 (Carville Leather Site, Johnstown NY)

Waste Water

November 10, 2016 8:40 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
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 09:06	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 09:06	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 09:06	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 09:06	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 09:06	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 09:06	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 09:06	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 09:06	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 09:06	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 09:06	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 09:06	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 09:06	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 09:06	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 09:06	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 09:06	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 09:06	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 09:06	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 09:06	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 09:06	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 09:06	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 09:06	SS



Sample Information

Client Sample ID: RW8

York Sample ID: 16K0790-08

York Project (SDG) No.

16K0790

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 8:40 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
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 09:06	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 09:06	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 09:06	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 09:06	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 09:06	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 09:06	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 09:06	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 09:06	SS
75-25-2	Bromoform	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 09:06	SS
74-83-9	Bromomethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 09:06	SS
56-23-5	Carbon tetrachloride	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 09:06	SS
108-90-7	Chlorobenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 09:06	SS
75-00-3	Chloroethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 09:06	SS
67-66-3	Chloroform	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 09:06	SS
74-87-3	Chloromethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 09:06	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 09:06	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 09:06	SS
124-48-1	Dibromochloromethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 09:06	SS
74-95-3	Dibromomethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 09:06	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 09:06	SS
100-41-4	Ethyl Benzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 09:06	SS



Sample Information

Client Sample ID: RW8

York Sample ID: 16K0790-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16K0790

CL2-45 (Carville Leather Site, Johnstown NY)

Waste Water

November 10, 2016 8:40 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
87-68-3	Hexachlorobutadiene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 09:06	SS
98-82-8	Isopropylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 09:06	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 09:06	SS
75-09-2	Methylene chloride	ND		ug/L	25000	100000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 09:06	SS
91-20-3	Naphthalene	ND		ug/L	25000	100000	10000	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 09:06	SS
104-51-8	n-Butylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 09:06	SS
103-65-1	n-Propylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 09:06	SS
95-47-6	o-Xylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,PADEP	11/30/2016 17:15	12/01/2016 09:06	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	50000	100000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,PADEP	11/30/2016 17:15	12/01/2016 09:06	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 09:06	SS
135-98-8	sec-Butylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 09:06	SS
100-42-5	Styrene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 09:06	SS
98-06-6	tert-Butylbenzene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 09:06	SS
127-18-4	Tetrachloroethylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 09:06	SS
108-88-3	Toluene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 09:06	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 09:06	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 09:06	SS
79-01-6	Trichloroethylene	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 09:06	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	25000	50000	10000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/30/2016 17:15	12/01/2016 09:06	SS
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 09:06	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 09:06	SS



Sample Information

Client Sample ID: RW8

York Sample ID: 16K0790-08

York Project (SDG) No.

16K0790

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 8:40 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
1330-20-7	Xylenes, Total	ND		ug/L	75000	150000	10000	EPA 8260C	11/30/2016 17:15	12/01/2016 09:06	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	99.7 %			79-122						

Certifications: CTDOH,NELAC-NY10854,NJDEP

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	100	200	2	EPA 8270D	11/22/2016 12:02	11/23/2016 13:32	SR
		Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP									
95-50-1	1,2-Dichlorobenzene	ND	HT-01	ug/L	100	200	2	EPA 8270D	11/22/2016 12:02	11/23/2016 13:32	SR
		Certifications: NELAC-NY10854,PADEP									
541-73-1	1,3-Dichlorobenzene	ND	HT-01	ug/L	100	200	2	EPA 8270D	11/22/2016 12:02	11/23/2016 13:32	SR
		Certifications: NELAC-NY10854,PADEP									
106-46-7	1,4-Dichlorobenzene	ND	HT-01	ug/L	100	200	2	EPA 8270D	11/22/2016 12:02	11/23/2016 13:32	SR
		Certifications: NELAC-NY10854,PADEP									
95-95-4	2,4,5-Trichlorophenol	ND	HT-01	ug/L	100	200	2	EPA 8270D	11/22/2016 12:02	11/23/2016 13:32	SR
		Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP									
88-06-2	2,4,6-Trichlorophenol	ND	HT-01	ug/L	100	200	2	EPA 8270D	11/22/2016 12:02	11/23/2016 13:32	SR
		Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP									
120-83-2	2,4-Dichlorophenol	ND	HT-01	ug/L	100	200	2	EPA 8270D	11/22/2016 12:02	11/23/2016 13:32	SR
		Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP									
105-67-9	2,4-Dimethylphenol	ND	HT-01	ug/L	100	200	2	EPA 8270D	11/22/2016 12:02	11/23/2016 13:32	SR
		Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP									
51-28-5	2,4-Dinitrophenol	ND	HT-01	ug/L	100	200	2	EPA 8270D	11/22/2016 12:02	11/23/2016 13:32	SR
		Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP									
121-14-2	2,4-Dinitrotoluene	ND	HT-01	ug/L	100	200	2	EPA 8270D	11/22/2016 12:02	11/23/2016 13:32	SR
		Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP									
606-20-2	2,6-Dinitrotoluene	ND	HT-01	ug/L	100	200	2	EPA 8270D	11/22/2016 12:02	11/23/2016 13:32	SR
		Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP									
91-58-7	2-Chloronaphthalene	ND	HT-01	ug/L	100	200	2	EPA 8270D	11/22/2016 12:02	11/23/2016 13:32	SR
		Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP									
95-57-8	2-Chlorophenol	ND	HT-01	ug/L	100	200	2	EPA 8270D	11/22/2016 12:02	11/23/2016 13:32	SR
		Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP									
91-57-6	2-Methylnaphthalene	ND	HT-01	ug/L	100	200	2	EPA 8270D	11/22/2016 12:02	11/23/2016 13:32	SR
		Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP									
95-48-7	2-Methylphenol	ND	HT-01	ug/L	100	200	2	EPA 8270D	11/22/2016 12:02	11/23/2016 13:32	SR
		Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP									



Sample Information

Client Sample ID: RW8

York Sample ID: 16K0790-08

York Project (SDG) No.

16K0790

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 8:40 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
88-74-4	2-Nitroaniline	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 13:32	SR
88-75-5	2-Nitrophenol	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 13:32	SR
65794-96-9	3- & 4-Methylphenols	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 13:32	SR
91-94-1	3,3'-Dichlorobenzidine	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 13:32	SR
99-09-2	3-Nitroaniline	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 13:32	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 13:32	SR
101-55-3	4-Bromophenyl phenyl ether	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 13:32	SR
59-50-7	4-Chloro-3-methylphenol	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 13:32	SR
106-47-8	4-Chloroaniline	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 13:32	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 13:32	SR
100-01-6	4-Nitroaniline	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 13:32	SR
100-02-7	4-Nitrophenol	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 13:32	SR
83-32-9	Acenaphthene	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 13:32	SR
208-96-8	Acenaphthylene	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 13:32	SR
62-53-3	Aniline	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 13:32	SR
120-12-7	Anthracene	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 13:32	SR
56-55-3	Benzo(a)anthracene	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 13:32	SR
50-32-8	Benzo(a)pyrene	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 13:32	SR
205-99-2	Benzo(b)fluoranthene	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 13:32	SR
191-24-2	Benzo(g,h,i)perylene	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 13:32	SR
207-08-9	Benzo(k)fluoranthene	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 13:32	SR



Sample Information

Client Sample ID: RW8

York Sample ID: 16K0790-08

York Project (SDG) No.

16K0790

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 8:40 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
100-51-6	Benzyl alcohol	536000	HT-01	ug/L	50000	100000	1000	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 22:15	SR
85-68-7	Benzyl butyl phthalate	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 13:32	SR
111-91-1	Bis(2-chloroethoxy)methane	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 13:32	SR
111-44-4	Bis(2-chloroethyl)ether	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 13:32	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 13:32	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 13:32	SR
218-01-9	Chrysene	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 13:32	SR
53-70-3	Dibenzo(a,h)anthracene	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 13:32	SR
132-64-9	Dibenzofuran	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 13:32	SR
84-66-2	Diethyl phthalate	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 13:32	SR
131-11-3	Dimethyl phthalate	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 13:32	SR
84-74-2	Di-n-butyl phthalate	113	J, HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 13:32	SR
117-84-0	Di-n-octyl phthalate	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 13:32	SR
206-44-0	Fluoranthene	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 13:32	SR
86-73-7	Fluorene	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 13:32	SR
118-74-1	Hexachlorobenzene	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 13:32	SR
87-68-3	Hexachlorobutadiene	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 13:32	SR
77-47-4	Hexachlorocyclopentadiene	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 13:32	SR
67-72-1	Hexachloroethane	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 13:32	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 13:32	SR
78-59-1	Isophorone	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 13:32	SR
91-20-3	Naphthalene	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 13:32	SR



Sample Information

Client Sample ID: RW8

York Sample ID: 16K0790-08

York Project (SDG) No.

16K0790

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 8:40 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
98-95-3	Nitrobenzene	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 13:32	SR
62-75-9	N-Nitrosodimethylamine	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 13:32	SR
621-64-7	N-nitroso-di-n-propylamine	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 13:32	SR
86-30-6	N-Nitrosodiphenylamine	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 13:32	SR
87-86-5	Pentachlorophenol	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 13:32	SR
85-01-8	Phenanthrene	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 13:32	SR
108-95-2	Phenol	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 13:32	SR
129-00-0	Pyrene	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 13:32	SR
110-86-1	Pyridine	ND	HT-01	ug/L	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/22/2016 12:02	11/23/2016 13:32	SR
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: 2-Fluorophenol	28.7 %	HT-01			12-64					
4165-62-2	Surrogate: Phenol-d5	1.12 %	HT-01			10-82					
4165-60-0	Surrogate: Nitrobenzene-d5	62.4 %	HT-01			12-96					
321-60-8	Surrogate: 2-Fluorobiphenyl	46.4 %	HT-01			16-84					
118-79-6	Surrogate: 2,4,6-Tribromophenol	72.0 %	HT-01			15-104					
1718-51-0	Surrogate: Terphenyl-d14	55.0 %	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	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	0.045		mg/L	0.040	0.040	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/23/2016 11:05	11/24/2016 04:03	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 04:03	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 04:03	KV
7440-47-3	Chromium	0.276		mg/L	0.050	0.050	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/23/2016 11:05	11/24/2016 04:03	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 04:03	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 04:03	KV



Sample Information

Client Sample ID: RW8

York Sample ID: 16K0790-08

York Project (SDG) No.

16K0790

Client Project ID

CL2-45 (Carville Leather Site, Johnstown NY)

Matrix

Waste Water

Collection Date/Time

November 10, 2016 8:40 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
7440-22-4	Silver	ND		mg/L	0.050	0.050	1	EPA 6010C	11/23/2016 11:05	11/24/2016 04:03	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											

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

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:											



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
16K0790-01	RW1	1000mL WM Clear Glass Cool to 4° C
16K0790-02	RW2	1000mL WM Clear Glass Cool to 4° C
16K0790-03	RW3	1000mL WM Clear Glass Cool to 4° C
16K0790-04	RW4	1000mL WM Clear Glass Cool to 4° C
16K0790-05	RW5	1000mL WM Clear Glass Cool to 4° C
16K0790-06	RW6	1000mL WM Clear Glass Cool to 4° C
16K0790-07	RW7	1000mL WM Clear Glass Cool to 4° C
16K0790-08	RW8	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.
S-08	The recovery of this surrogate was outside of QC limits.
S-01	The surrogate recovery for this sample may not be available due to sample dilution required from high analyte concentration and/or matrix interferences.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
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-01	This result was reported from an analysis conducted outside of the EPA recommended holding time.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.
<hr/>	
*	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.



**Environmental
Restoration, L.L.C.**

Restoration, L.L.C.
1666 Fabick Drive
Fenton, MO 63026
(636) 227-7477
Fax (636) 227-8447

Alternate billing information:
Environmental Restoration

1666 Fabick Drive
Fenton, MO 63026

Attn: Dave Mangiaracino
Report to: Dave Mangiaracino
Email to: d.mangiaracino@erllc.com

Carville Leather Tannery	City/State	Johnstown, NY
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Collected:

Phone:	636-795-8374	Client Project #:	CL245
Fax:	636-680-2494		

Collected by: <i>Question H.</i>	Site/Facility ID#: CL2-45
----------------------------------	----------------------------------

Collected by (signature):	5 DAY	(Lab MUST Be Notified)
---------------------------	-------	------------------------

	Same Day	Next Day	Two Day
Packed on Ice	N	Y	

Sample ID	Conn/Grah	Matrix*
-----------	-----------	---------

WV	Grab	RW1
YV004	Composite	

RW2			
RW2			

RW 3

[illegible][illegible][illegible]

	RW8	→	→
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[illegible][illegible]

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[illegible]

*Matrix SS - Soil/Soli GW - Groundwater

Remarks:

Relinquished by: (Signature) 	Date: / /	Time: / /

27/11/74

Relinquished by: (Signature) _____ Date: _____ Time: _____ Re: _____

11-14-10	Sh2
----------	-----

Acquired by: (Signature) _____
Date: _____
Time: _____

03.1