

Technical Report

prepared for:

Environmental Restoration

627 Court Street
Binghamton NY, 13904
Attention: Steve Motta

Report Date: 08/13/2015

Client Project ID: OLD SARATOGA HOSPITAL

York Project (SDG) No.: 15H0242

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 08/13/2015
Client Project ID: OLD SARATOGA HOSPITAL
York Project (SDG) No.: 15H0242

Environmental Restoration

627 Court Street
Binghamton NY, 13904
Attention: Steve Motta

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 August 06, 2015 and listed below. The project was identified as your project: **OLD SARATOGA HOSPITAL**.

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>
15H0242-01	OSH-001	Liquid	08/06/2015	08/06/2015
15H0242-02	OSH-002	Liquid	08/06/2015	08/06/2015
15H0242-03	OSH-003	Liquid	08/06/2015	08/06/2015
15H0242-04	OSH-004	Liquid	08/06/2015	08/06/2015

General Notes for York Project (SDG) No.: 15H0242

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

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 08/13/2015





Sample Information

Client Sample ID: OSH-001

York Sample ID: 15H0242-01

York Project (SDG) No.

15H0242

Client Project ID

OLD SARATOGA HOSPITAL

Matrix

Liquid

Collection Date/Time

August 6, 2015 10:30 am

Date Received

08/06/2015

Flashpoint

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Flashpoint		69.7		°F	50.0	50.0	1	ASTM D93 Certifications:	08/12/2015 12:47	08/12/2015 19:06	KK

Sample Information

Client Sample ID: OSH-002

York Sample ID: 15H0242-02

York Project (SDG) No.

15H0242

Client Project ID

OLD SARATOGA HOSPITAL

Matrix

Liquid

Collection Date/Time

August 6, 2015 10:30 am

Date Received

08/06/2015

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/12/2015 17:27	08/12/2015 17:27	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/12/2015 17:27	08/12/2015 17:27	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/12/2015 17:27	08/12/2015 17:27	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/12/2015 17:27	08/12/2015 17:27	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/12/2015 17:27	08/12/2015 17:27	SS
56-23-5	Carbon tetrachloride	4.8	J	ug/L	2.5	5.0	1	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/12/2015 17:27	08/12/2015 17:27	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/12/2015 17:27	08/12/2015 17:27	SS
67-66-3	Chloroform	660		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/12/2015 17:27	08/13/2015 12:53	BS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/12/2015 17:27	08/12/2015 17:27	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/12/2015 17:27	08/12/2015 17:27	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/12/2015 17:27	08/12/2015 17:27	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	117 %	65-135
460-00-4	Surrogate: p-Bromofluorobenzene	90.9 %	81-114
2037-26-5	Surrogate: Toluene-d8	99.5 %	86-118



Sample Information

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York Sample ID: 15H0242-02

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Matrix
Liquid

Collection Date/Time
August 6, 2015 10:30 am

Date Received
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Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	110	250	1	EPA 8270D/1311 Certifications: NELAC-NY10854	08/12/2015 08:05	08/12/2015 19:13	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	95.5	250	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/12/2015 08:05	08/12/2015 19:13	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	87.5	250	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/12/2015 08:05	08/12/2015 19:13	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	80.5	250	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/12/2015 08:05	08/12/2015 19:13	SR
95-48-7	2-Methylphenol	ND		ug/L	58.0	250	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/12/2015 08:05	08/12/2015 19:13	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	56.0	500	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/12/2015 08:05	08/12/2015 19:13	SR
1319-77-3	Cresols, total	ND		ug/L	58.0	750	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854	08/12/2015 08:05	08/12/2015 19:13	SR
118-74-1	Hexachlorobenzene	ND		ug/L	63.5	250	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/12/2015 08:05	08/12/2015 19:13	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	140	250	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/12/2015 08:05	08/12/2015 19:13	SR
67-72-1	Hexachloroethane	ND		ug/L	152	250	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/12/2015 08:05	08/12/2015 19:13	SR
98-95-3	Nitrobenzene	ND		ug/L	84.5	250	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/12/2015 08:05	08/12/2015 19:13	SR
87-86-5	Pentachlorophenol	ND		ug/L	72.5	250	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/12/2015 08:05	08/12/2015 19:13	SR
110-86-1	Pyridine	ND		ug/L	196	250	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/12/2015 08:05	08/12/2015 19:13	SR
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	0.838 %			10-65						
4165-62-2	Surrogate: Phenol-d5	%	S-08		10-49						
4165-60-0	Surrogate: Nitrobenzene-d5	39.5 %			10-96						
321-60-8	Surrogate: 2-Fluorobiphenyl	32.3 %			10-93						
118-79-6	Surrogate: 2,4,6-Tribromophenol	0.386 %	S-08		10-128						
1718-51-0	Surrogate: Terphenyl-d14	54.4 %			10-100						

Pesticides, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	Chlordane, total	ND		ug/L	20.0	20.0	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/12/2015 11:18	08/12/2015 17:20	AMC



Sample Information

Client Sample ID: OSH-002

York Sample ID: 15H0242-02

York Project (SDG) No.
15H0242

Client Project ID
OLD SARATOGA HOSPITAL

Matrix
Liquid

Collection Date/Time
August 6, 2015 10:30 am

Date Received
08/06/2015

Pesticides, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		ug/L	2.00	2.00	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/12/2015 11:18	08/12/2015 17:20	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	2.00	2.00	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/12/2015 11:18	08/12/2015 17:20	AMC
76-44-8	Heptachlor	ND		ug/L	2.00	2.00	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/12/2015 11:18	08/12/2015 17:20	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	2.00	2.00	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/12/2015 11:18	08/12/2015 17:20	AMC
72-43-5	Methoxychlor	ND		ug/L	2.00	2.00	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/12/2015 11:18	08/12/2015 17:20	AMC
8001-35-2	Toxaphene	ND		ug/L	50.0	50.0	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/12/2015 11:18	08/12/2015 17:20	AMC
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	49.7 %	30-120								
2051-24-3	Surrogate: Decachlorobiphenyl	67.6 %	30-120								

Herbicides, TCLP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	250	250	1	EPA 8151A m/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/13/2015 07:08	08/13/2015 14:50	AMC
94-75-7	2,4-D	ND		ug/L	250	250	1	EPA 8151A m/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/13/2015 07:08	08/13/2015 14:50	AMC
Surrogate Recoveries		Result	Acceptance Range								
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	120 %	30-150								

Metals, TCLP RCRA

Log-in Notes:

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	1.91	B	mg/L	0.400	0.400	100	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/13/2015 07:23	08/13/2015 15:43	ALD
7440-39-3	Barium	7.43	B	mg/L	1.00	1.00	100	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/13/2015 07:23	08/13/2015 15:43	ALD
7440-43-9	Cadmium	0.914		mg/L	0.300	0.300	100	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/13/2015 07:23	08/13/2015 15:43	ALD
7440-47-3	Chromium	1.05		mg/L	0.500	0.500	100	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/13/2015 07:23	08/13/2015 15:43	ALD
7439-92-1	Lead	1.63	B	mg/L	0.300	0.300	100	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/13/2015 07:23	08/13/2015 15:43	ALD



Sample Information

Client Sample ID: OSH-002

York Sample ID: 15H0242-02

York Project (SDG) No.
15H0242

Client Project ID
OLD SARATOGA HOSPITAL

Matrix
Liquid

Collection Date/Time
August 6, 2015 10:30 am

Date Received
08/06/2015

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7782-49-2	Selenium	2.27		mg/L	1.00	1.00	100	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/13/2015 07:23	08/13/2015 15:43	ALD
7440-22-4	Silver	2.78	B	mg/L	0.500	0.500	100	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/13/2015 07:23	08/13/2015 15:43	ALD

Mercury TCLP by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00003900	0.000200	1	EPA 7473/1311 Certifications: NELAC-NY10854,NJDEP,CTDOH	08/13/2015 16:39	08/13/2015 18:08	ALD

Flashpoint

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Flashpoint	> 200		°F	50.0	50.0	1	ASTM D93 Certifications:	08/12/2015 12:47	08/12/2015 19:06	KK

Corrosivity

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* pH	12.9	HT-pH	pH units		0.500	1	SM 4500 H+B Certifications:	08/12/2015 11:05	08/12/2015 18:10	CLS

Reactivity-Cyanide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Cyanide	ND		mg/kg	0.250	0.250	1	EPA SW-846 Ch.7.3.3 Certifications: CTDOH,PADEP	08/13/2015 14:37	08/13/2015 17:00	AD

Reactivity-Sulfide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Sulfide	ND		mg/kg	15.0	15.0	1	EPA SW-846 Ch.7.3.4 Certifications: CTDOH,PADEP	08/13/2015 13:41	08/13/2015 17:01	AD

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

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

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

Client Sample ID: OSH-002

York Sample ID: 15H0242-02

York Project (SDG) No.
15H0242

Client Project ID
OLD SARATOGA HOSPITAL

Matrix
Liquid

Collection Date/Time
August 6, 2015 10:30 am

Date Received
08/06/2015

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* TCLP Extraction		Completed		N/A	1.00	1.00	1	EPA 1311 Certifications:	08/11/2015 17:05	08/12/2015 15:38	CLS

TCLP Extraction for SVOCS/PEST/HERB

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
TCLP Extraction		Completed		N/A	1.00	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/12/2015 11:18	08/12/2015 15:42	CLS

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* TCLP Extraction		Completed		%	1.00	1.00	1	EPA 1311 Certifications:	08/12/2015 11:22	08/12/2015 15:41	CLS

Sample Information

Client Sample ID: OSH-003

York Sample ID: 15H0242-03

York Project (SDG) No.
15H0242

Client Project ID
OLD SARATOGA HOSPITAL

Matrix
Liquid

Collection Date/Time
August 6, 2015 10:30 am

Date Received
08/06/2015

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes: Rep-04

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
75-35-4	1,1-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/12/2015 17:00	08/13/2015 07:16	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/12/2015 17:00	08/13/2015 07:16	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/12/2015 17:00	08/13/2015 07:16	BK
78-93-3	2-Butanone	79		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/12/2015 17:00	08/13/2015 07:16	BK
71-43-2	Benzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/12/2015 17:00	08/13/2015 07:16	BK
56-23-5	Carbon tetrachloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/12/2015 17:00	08/13/2015 07:16	BK
108-90-7	Chlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/12/2015 17:00	08/13/2015 07:16	BK



Sample Information

Client Sample ID: OSH-003

York Sample ID: 15H0242-03

York Project (SDG) No.
15H0242

Client Project ID
OLD SARATOGA HOSPITAL

Matrix
Liquid

Collection Date/Time
August 6, 2015 10:30 am

Date Received
08/06/2015

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes: Rep-04

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-66-3	Chloroform	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/12/2015 17:00	08/13/2015 07:16	BK
127-18-4	Tetrachloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/12/2015 17:00	08/13/2015 07:16	BK
79-01-6	Trichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/12/2015 17:00	08/13/2015 07:16	BK
75-01-4	Vinyl Chloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/12/2015 17:00	08/13/2015 07:16	BK
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	120 %			65-135						
460-00-4	Surrogate: p-Bromofluorobenzene	101 %			81-114						
2037-26-5	Surrogate: Toluene-d8	114 %			86-118						

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	110	250	1	EPA 8270D/1311 Certifications: NELAC-NY10854	08/12/2015 08:05	08/12/2015 19:45	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	95.5	250	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/12/2015 08:05	08/12/2015 19:45	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	87.5	250	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/12/2015 08:05	08/12/2015 19:45	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	80.5	250	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/12/2015 08:05	08/12/2015 19:45	SR
95-48-7	2-Methylphenol	ND		ug/L	58.0	250	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/12/2015 08:05	08/12/2015 19:45	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	56.0	500	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/12/2015 08:05	08/12/2015 19:45	SR
1319-77-3	Cresols, total	ND		ug/L	58.0	750	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854	08/12/2015 08:05	08/12/2015 19:45	SR
118-74-1	Hexachlorobenzene	ND		ug/L	63.5	250	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/12/2015 08:05	08/12/2015 19:45	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	140	250	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/12/2015 08:05	08/12/2015 19:45	SR
67-72-1	Hexachloroethane	ND		ug/L	152	250	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/12/2015 08:05	08/12/2015 19:45	SR
98-95-3	Nitrobenzene	ND		ug/L	84.5	250	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/12/2015 08:05	08/12/2015 19:45	SR
87-86-5	Pentachlorophenol	ND		ug/L	72.5	250	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/12/2015 08:05	08/12/2015 19:45	SR
110-86-1	Pyridine	ND		ug/L	196	250	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/12/2015 08:05	08/12/2015 19:45	SR



Sample Information

Client Sample ID: OSH-003

York Sample ID: 15H0242-03

York Project (SDG) No.
15H0242

Client Project ID
OLD SARATOGA HOSPITAL

Matrix
Liquid

Collection Date/Time
August 6, 2015 10:30 am

Date Received
08/06/2015

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	23.8 %			10-65						
4165-62-2	Surrogate: Phenol-d5	27.2 %			10-49						
4165-60-0	Surrogate: Nitrobenzene-d5	102 %	S-08		10-96						
321-60-8	Surrogate: 2-Fluorobiphenyl	75.5 %			10-93						
118-79-6	Surrogate: 2,4,6-Tribromophenol	58.3 %			10-128						
1718-51-0	Surrogate: Terphenyl-d14	83.4 %			10-100						

Pesticides, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	Chlordane, total	ND		ug/L	20.0	20.0	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/12/2015 08:03	08/12/2015 19:19	AMC
72-20-8	Endrin	ND		ug/L	2.00	2.00	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/12/2015 08:03	08/12/2015 19:19	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	2.00	2.00	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/12/2015 08:03	08/12/2015 19:19	AMC
76-44-8	Heptachlor	ND		ug/L	2.00	2.00	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/12/2015 08:03	08/12/2015 19:19	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	2.00	2.00	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/12/2015 08:03	08/12/2015 19:19	AMC
72-43-5	Methoxychlor	ND		ug/L	2.00	2.00	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/12/2015 08:03	08/12/2015 19:19	AMC
8001-35-2	Toxaphene	ND		ug/L	50.0	50.0	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/12/2015 08:03	08/12/2015 19:19	AMC
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	61.7 %			30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	64.5 %			30-120						

Herbicides, TCLP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	250	250	1	EPA 8151A m/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/13/2015 07:08	08/13/2015 15:01	AMC
94-75-7	2,4-D	ND		ug/L	250	250	1	EPA 8151A m/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/13/2015 07:08	08/13/2015 15:01	AMC
Surrogate Recoveries		Result			Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	123 %			30-150						



Sample Information

Client Sample ID: OSH-003

York Sample ID: 15H0242-03

York Project (SDG) No.
15H0242

Client Project ID
OLD SARATOGA HOSPITAL

Matrix
Liquid

Collection Date/Time
August 6, 2015 10:30 am

Date Received
08/06/2015

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	6.80	B	mg/L	0.400	0.400	100	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/13/2015 07:23	08/13/2015 16:01	ALD
7440-39-3	Barium	4.82	B	mg/L	1.00	1.00	100	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/13/2015 07:23	08/13/2015 16:01	ALD
7440-43-9	Cadmium	ND		mg/L	0.300	0.300	100	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/13/2015 07:23	08/13/2015 16:01	ALD
7440-47-3	Chromium	0.706		mg/L	0.500	0.500	100	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/13/2015 07:23	08/13/2015 16:01	ALD
7439-92-1	Lead	1.18	B	mg/L	0.300	0.300	100	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/13/2015 07:23	08/13/2015 16:01	ALD
7782-49-2	Selenium	3.80		mg/L	1.00	1.00	100	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/13/2015 07:23	08/13/2015 16:01	ALD
7440-22-4	Silver	1.03	B	mg/L	0.500	0.500	100	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/13/2015 07:23	08/13/2015 16:01	ALD

Mercury TCLP by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00003900	0.000200	1	EPA 7473/1311 Certifications: NELAC-NY10854,NJDEP,CTDOH	08/13/2015 16:39	08/13/2015 18:08	ALD

Flashpoint

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Flashpoint		92.7		°F	50.0	50.0	1	ASTM D93 Certifications:	08/12/2015 12:47	08/12/2015 19:06	KK

Corrosivity

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* pH		2.15	HT-pH	pH units		0.500	1	SM 4500 H+B Certifications:	08/12/2015 11:05	08/12/2015 18:10	CLS

Reactivity-Cyanide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Reactivity - Cyanide		ND		mg/kg	0.250	0.250	1	EPA SW-846 Ch.7.3.3 Certifications: CTDOH,PADEP	08/13/2015 14:37	08/13/2015 17:00	AD



Sample Information

Client Sample ID: OSH-003

York Sample ID: 15H0242-03

York Project (SDG) No.
15H0242

Client Project ID
OLD SARATOGA HOSPITAL

Matrix
Liquid

Collection Date/Time
August 6, 2015 10:30 am

Date Received
08/06/2015

Reactivity-Sulfide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Reactivity - Sulfide		ND		mg/kg	15.0	15.0	1	EPA SW-846 Ch.7.3.4 Certifications: CTDOH,PADEP	08/13/2015 13:41	08/13/2015 17:01	AD

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
TCLP Extraction		Completed		N/A	1.00	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/11/2015 15:15	08/12/2015 15:31	CLS

TCLP Extraction for SVOCs/PEST/HERB

Log-in Notes:

Sample Notes: EXT-Temp

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
TCLP Extraction		Completed		N/A	1.00	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/11/2015 15:21	08/12/2015 15:35	CLS

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes: EXT-Temp

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
TCLP Extraction		Completed		%	1.00	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/11/2015 16:49	08/12/2015 15:37	CLS

Sample Information

Client Sample ID: OSH-004

York Sample ID: 15H0242-04

York Project (SDG) No.
15H0242

Client Project ID
OLD SARATOGA HOSPITAL

Matrix
Liquid

Collection Date/Time
August 6, 2015 10:30 am

Date Received
08/06/2015

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes: Rep-04

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
75-35-4	1,1-Dichloroethylene	ND		ug/L	62	120	25	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/12/2015 17:00	08/13/2015 09:21	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	62	120	25	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/12/2015 17:00	08/13/2015 09:21	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	62	120	25	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/12/2015 17:00	08/13/2015 09:21	BK
78-93-3	2-Butanone	ND		ug/L	62	120	25	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/12/2015 17:00	08/13/2015 09:21	BK



Sample Information

Client Sample ID: OSH-004

York Sample ID: 15H0242-04

York Project (SDG) No.
15H0242

Client Project ID
OLD SARATOGA HOSPITAL

Matrix
Liquid

Collection Date/Time
August 6, 2015 10:30 am

Date Received
08/06/2015

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes: Rep-04

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/L	62	120	25	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/12/2015 17:00	08/13/2015 09:21	BK
56-23-5	Carbon tetrachloride	ND		ug/L	62	120	25	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/12/2015 17:00	08/13/2015 09:21	BK
108-90-7	Chlorobenzene	ND		ug/L	62	120	25	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/12/2015 17:00	08/13/2015 09:21	BK
67-66-3	Chloroform	ND		ug/L	62	120	25	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/12/2015 17:00	08/13/2015 09:21	BK
127-18-4	Tetrachloroethylene	ND		ug/L	62	120	25	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/12/2015 17:00	08/13/2015 09:21	BK
79-01-6	Trichloroethylene	ND		ug/L	62	120	25	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/12/2015 17:00	08/13/2015 09:21	BK
75-01-4	Vinyl Chloride	ND		ug/L	62	120	25	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/12/2015 17:00	08/13/2015 09:21	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	115 %	65-135								
460-00-4	Surrogate: p-Bromofluorobenzene	95.0 %	81-114								
2037-26-5	Surrogate: Toluene-d8	110 %	86-118								

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	110	250	1	EPA 8270D/1311 Certifications: NELAC-NY10854	08/12/2015 08:05	08/12/2015 20:17	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	95.5	250	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/12/2015 08:05	08/12/2015 20:17	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	87.5	250	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/12/2015 08:05	08/12/2015 20:17	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	80.5	250	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/12/2015 08:05	08/12/2015 20:17	SR
95-48-7	2-Methylphenol	ND		ug/L	58.0	250	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/12/2015 08:05	08/12/2015 20:17	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	56.0	500	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/12/2015 08:05	08/12/2015 20:17	SR
1319-77-3	Cresols, total	ND		ug/L	58.0	750	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854	08/12/2015 08:05	08/12/2015 20:17	SR
118-74-1	Hexachlorobenzene	ND		ug/L	63.5	250	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/12/2015 08:05	08/12/2015 20:17	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	140	250	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/12/2015 08:05	08/12/2015 20:17	SR
67-72-1	Hexachloroethane	ND		ug/L	152	250	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/12/2015 08:05	08/12/2015 20:17	SR



Sample Information

Client Sample ID: OSH-004

York Sample ID: 15H0242-04

York Project (SDG) No.
15H0242

Client Project ID
OLD SARATOGA HOSPITAL

Matrix
Liquid

Collection Date/Time
August 6, 2015 10:30 am

Date Received
08/06/2015

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		ug/L	84.5	250	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/12/2015 08:05	08/12/2015 20:17	SR
87-86-5	Pentachlorophenol	ND		ug/L	72.5	250	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/12/2015 08:05	08/12/2015 20:17	SR
110-86-1	Pyridine	ND		ug/L	196	250	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/12/2015 08:05	08/12/2015 20:17	SR
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	2.91 %	S-08		10-65						
4165-62-2	Surrogate: Phenol-d5	8.26 %	S-08		10-49						
4165-60-0	Surrogate: Nitrobenzene-d5	129 %	S-08		10-96						
321-60-8	Surrogate: 2-Fluorobiphenyl	70.2 %			10-93						
118-79-6	Surrogate: 2,4,6-Tribromophenol	60.1 %			10-128						
1718-51-0	Surrogate: Terphenyl-d14	81.0 %			10-100						

Pesticides, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	Chlordane, total	ND		ug/L	20.0	20.0	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/12/2015 08:03	08/12/2015 19:34	AMC
72-20-8	Endrin	ND		ug/L	2.00	2.00	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/12/2015 08:03	08/12/2015 19:34	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	2.00	2.00	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/12/2015 08:03	08/12/2015 19:34	AMC
76-44-8	Heptachlor	ND		ug/L	2.00	2.00	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/12/2015 08:03	08/12/2015 19:34	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	2.00	2.00	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/12/2015 08:03	08/12/2015 19:34	AMC
72-43-5	Methoxychlor	ND		ug/L	2.00	2.00	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/12/2015 08:03	08/12/2015 19:34	AMC
8001-35-2	Toxaphene	ND		ug/L	50.0	50.0	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/12/2015 08:03	08/12/2015 19:34	AMC
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	66.2 %			30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	60.4 %			30-120						

Herbicides, TCLP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

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

Client Sample ID: OSH-004

York Sample ID: 15H0242-04

York Project (SDG) No.
15H0242

Client Project ID
OLD SARATOGA HOSPITAL

Matrix
Liquid

Collection Date/Time
August 6, 2015 10:30 am

Date Received
08/06/2015

Herbicides, TCLP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	250	250	1	EPA 8151A m/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/13/2015 07:08	08/13/2015 15:13	AMC
94-75-7	2,4-D	ND		ug/L	250	250	1	EPA 8151A m/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/13/2015 07:08	08/13/2015 15:13	AMC
19719-28-9	Surrogate Recoveries <i>Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)</i>	Result 133 %			Acceptance Range 30-150						

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	1.28	B	mg/L	0.400	0.400	100	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/13/2015 07:23	08/13/2015 16:19	ALD
7440-39-3	Barium	11.0	B	mg/L	1.00	1.00	100	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/13/2015 07:23	08/13/2015 16:19	ALD
7440-43-9	Cadmium	ND		mg/L	0.300	0.300	100	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/13/2015 07:23	08/13/2015 16:19	ALD
7440-47-3	Chromium	ND		mg/L	0.500	0.500	100	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/13/2015 07:23	08/13/2015 16:19	ALD
7439-92-1	Lead	0.473	B	mg/L	0.300	0.300	100	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/13/2015 07:23	08/13/2015 16:19	ALD
7782-49-2	Selenium	ND		mg/L	1.00	1.00	100	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/13/2015 07:23	08/13/2015 16:19	ALD
7440-22-4	Silver	1.23	B	mg/L	0.500	0.500	100	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/13/2015 07:23	08/13/2015 16:19	ALD

Mercury TCLP by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00003900	0.000200	1	EPA 7473/1311 Certifications: NELAC-NY10854,NJDEP,CTDOH	08/13/2015 16:39	08/13/2015 18:08	ALD

Flashpoint

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Flashpoint	86.7		°F	50.0	50.0	1	ASTM D93 Certifications:	08/12/2015 12:47	08/12/2015 19:06	KK



Sample Information

Client Sample ID: OSH-004

York Sample ID: 15H0242-04

York Project (SDG) No.
15H0242

Client Project ID
OLD SARATOGA HOSPITAL

Matrix
Liquid

Collection Date/Time
August 6, 2015 10:30 am

Date Received
08/06/2015

Chloride

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16887-00-6	Chloride	52200		mg/L	69.0	500	1000	EPA 300.0 Certifications: CTDOH,NELAC-NY10854,NJDEP	08/13/2015 13:32	08/13/2015 13:32	AD

Corrosivity

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* pH	1.79	HT-pH	pH units		0.500	1	SM 4500 H+B Certifications:	08/12/2015 11:05	08/12/2015 18:10	CLS

Reactivity-Cyanide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Cyanide	ND		mg/kg	0.250	0.250	1	EPA SW-846 Ch.7.3.3 Certifications: CTDOH,PADEP	08/13/2015 14:37	08/13/2015 17:00	AD

Reactivity-Sulfide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Sulfide	80.0		mg/kg	15.0	15.0	1	EPA SW-846 Ch.7.3.4 Certifications: CTDOH,PADEP	08/13/2015 13:41	08/13/2015 17:01	AD

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/11/2015 15:15	08/12/2015 15:31	CLS

TCLP Extraction for SVOCS/PEST/HERB

Log-in Notes:

Sample Notes: EXT-Temp

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/11/2015 15:21	08/12/2015 15:35	CLS

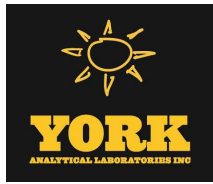
TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes: EXT-Temp

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		%	1.00	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/11/2015 16:49	08/12/2015 15:37	CLS



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
15H0242-02	OSH-002	40mL 01_Clear Vial Cool to 4° C
15H0242-03	OSH-003	1000mL Amber Glass Cool to 4° C
15H0242-04	OSH-004	1000mL Amber Glass Cool to 4° C



Notes and Definitions

S-08	The recovery of this surrogate was outside of QC limits.
Rep-04	The sample was diluted due to the presence of high levels of non-target analytes resulting in elevated reporting limits.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
M-RPD	Sample conc. <5 X reporting limit.
M-MISpk	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The SRM was within acceptance limits, therefore data are acceptable.
M-DB	Analyte in Method Blank >MDL. Sample conc. >10 X blank conc.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
HT-pH	HOLDING TIME EXCEEDED. Samples for pH must be measured in the field or within 15 minutes of sample collection.
F-01	> 200
EXT-Temp	Extraction temperature slightly exceeded acceptance range.
EXT-COMP	Completed
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.



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

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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