July 15, 2013

Ms. Sondra Martinkat
Environmental Engineer 2
New York State Department of Environmental Conservation (NYSDEC)
Division of Environmental Remediation, Region 2 Office
47-40 21st Street
Long Island City, New York 11101

Re: Semi-Annual Groundwater Monitoring
June 2013 (13th Event, 9th Semi-Annual Event)
Mott Haven Campus
730 Concourse Village West
Bronx, New York 11375
SCA LLW# 033485/SCA Job #41747
BCP No. C203030

Dear Ms. Martinkat:

On behalf of the New York City School Construction Authority (NYCSCA), STV Incorporated (STV) has prepared this semi-annual report regarding the post-remediation groundwater sampling at the Mott Haven Campus (i.e., the "Site). Groundwater monitoring results are being reported in accordance with the November 2008 Mott Haven Site Management Plan (SMP), approved by the New York State Department of Environmental Conservation (NYSDEC, the Department) on November 25, 2008. The groundwater monitoring data will be submitted via email to the NYSDEC in Electronic Data Deliverable (EDD) format for input into the Department's database.

On June 15, 2013, water levels were measured in the seven existing on-site monitoring wells. The depth to water measurements and corresponding groundwater elevations are summarized in Table 1. Groundwater contours based on measured groundwater elevation data are shown in Figure 2. The contours depicted on Figure 2 indicate that the direction of horizontal groundwater flow is generally toward the southeast, consistent with data obtained during the remedial investigation and previous groundwater monitoring events.

On June 15, 2013, groundwater samples were collected from the seven existing on-site monitoring wells MW-3R, MW-5R, MW-11R, MW-23, MW-24, MW-25, and MW-26R as shown on Figure 1. Sampling was performed in accordance with the Sampling Event Protocol presented in Section 3.3.4 of the SMP. Field sampling logs for the groundwater sampling are presented in *Appendix A*.

Groundwater samples were submitted to York Analytical Laboratories, Inc. (York) of Stratford, Connecticut, a New York State Environmental Laboratory Accreditation Program (ELAP) certified laboratory for analysis for Target Compound List (TCL) volatile organic compounds (VOCs) plus methyl tert-butyl ether (MTBE) per the United States Environmental Protection Agency (USEPA) Method 8260. Table 2 summarizes the groundwater analytical data. The laboratory report for the groundwater sample analysis is provided in *Appendix B,* and *Appendix C* contains the laboratory certification forms.

Methylene chloride was detected in all of the samples analyzed, including the trip blank. Methylene chloride was detected in the groundwater samples at concentrations ranging from 25 to 31 micrograms per liter (µg/L). A similar concentration of methylene chloride (24 µg/L) was detected in the trip blank

(which are sealed vials of analyte-free water prepared by the laboratory and shipped, unopened, to and from the field, with the groundwater sample vials). Previous sampling events have not indicated detections of methylene chloride in groundwater samples or the accompanying trip blanks. The detection of methylene chloride in the trip blank during this sampling event could indicate the introduction of this VOC during shipping (although there was no presence of this constituent) or, more likely, from laboratory sources of contamination. The detection of methylene chloride is not associated with groundwater contamination at the site.

The field duplicate sample was collected from MW-5R. The primary sample exhibited tetrachloroethene (PCE) at an estimated concentration of 2.2 µg/L and acetone at an estimated concentration of 7.7 µg/L, both of which are below their respective NYSDEC Class GA groundwater quality standards of 5.0 µg/L and 50 µg/L. The duplicate sample exhibited a very similar detection of PCE at an estimated concentration of 2.3 µg/L. Acetone was not detected in the duplicate sample. With the exception of methylene chloride (which as described above was present in all samples) there were no other VOC detections in MW-5R or the duplicate. These results indicate good precision in the laboratory analyses. All other laboratory QC criteria (e.g., surrogate and spike recoveries) were acceptable.

The laboratory analytical results reported only one VOC detected in one groundwater sample at a concentration greater than the NYSDEC Class GA Values. PCE was detected in monitoring well MW-24 at a concentration of 7.3 µg/L, which slightly exceeded the NYSDEC Class GA groundwater standard (principal organic contaminant standard) of 5.0 µg/L. In previous sampling events, PCE concentrations in groundwater samples collected from MW-24 have ranged between non-detect and 51 µg/L. In addition to PCE, naphthalene, and MTBE were detected in the groundwater sample collected from monitoring well MW-24 both at estimated concentrations of 1.2 µg/L. Monitoring well MW-24 is located on the upgradient side of the Site, and the VOCs detected in the groundwater sample collected from MW-24 are likely from an upgradient source.

Four (4) VOCs were detected in the groundwater sample collected from monitoring well MW-23. Vinyl chloride, PCE, cis 1,2-dichloroethene, and acetone were detected at estimated concentrations of 1.4 µg/L, 2.3 µg/L, 1.4 µg/L, and 6.6 µg/L, below their respective Class GA Values of 5.0 µg/L, 5.0 µg/L, 2.0 µg/L, and 50 µg/L.

Two (2) VOCs were detected in the groundwater sample collected from monitoring well MW-26R. Naphthalene and PCE were detected at estimated concentrations of 8.3 µg/L and 4.0 µg/L, below their respective Class GA Values of 10.0 µg/L, and 5.0 µg/L.

One (1) VOC was detected in the groundwater sample collected from monitoring well MW-25. PCE was detected at estimated concentrations of 2.2 µg/L, below the Class GA Value of 5.0 µg/L.

Samples analyzed from the three downgradient monitoring wells, MW-3R. MW-5R, and MW-11R, reported estimated concentrations of PCE ranging between 1.4 µg/L and 3.6 µg/L, all below the Class GA Value of 5.0 µg/L. Cis-1,2-dichloroethene was also detected at an estimated concentration of 1.3 µg/L in MW-3R, which is below the Class GA Value of 5.0 µg/L. As described above, acetone was detected at an estimated concentration of 7.7 µg/L in MW-5R, which is below the Class GA Value of 50 µg/L.

No other VOCs were detected in groundwater at concentrations exceeding the laboratory method detection limits or the reporting limits.

The remedial objective for groundwater in the NYSDEC approved Remedial Action Work Plan (RAWP) is to maintain existing groundwater quality at the downgradient property line. VOCs in downgradient monitoring wells MW-3R, MW-5R and MW-11R were non-detect or below Class GA groundwater quality standards. Accordingly, the remedial objectives for groundwater continue to be met per the RAWP.

Please do not hesitate to contact me at (914) 400-5205 if you have any questions or require additional information regarding this project.

Sincerely,

STV Incorporated

Michael R. Sherwood, CPG
Senior Consultant

cc: C. Bethoney, New York State Department of Health (NYSDOH)
L. Guterman, NYCSCA

Attachments:

Table 1 – Groundwater Monitoring Well Elevation Data
Table 2 – Summary of Target Compound List VOCs Detected in Groundwater

Figure 1 – Monitoring Well Sample Location Plan
Figure 2 – Groundwater Surface Elevation Contour Plan

Appendix A – Field Sampling Logs
Appendix B – Laboratory Analytical Data Summary Package
Appendix C – Laboratory Certification Forms

TABLES

Table 1
New York City School Construction Authority
Former Metro-North/Mott Haven Campus Site
Bronx, New York
Groundwater Monitoring Well Elevation Data
13th Sampling Event - Post Remediation

Monitoring Well Number	Date	MW Elevation: (BBPD)	DTW: (ft bgs)	DTP: (ft bgs)	DTB: (ft bgs)	Groundwater Elevation: (BBPD)
MW-3R	6/15/2013	17.11	2.58	---	14.9	14.53
MW-5R	6/15/2013	19.63	3.68	---	14.9	15.95
MW-11R	6/15/2013	19.17	6.18	---	17.9	12.99
MW-23	6/15/2013	23.03	7.87	---	16.7	15.16
MW-24	6/15/2013	24.32	7.02	---	15.2	17.30
MW-25	6/15/2013	22.99	5.93	---	9.7	17.06
MW-26R	6/15/2013	22.60	5.53	---	17.4	17.07

Notes:
MW Elevation: Top of PVC elevation in Bronx Borough President's datum (BBPD)
DTW: Depth to Water
DTP: Depth to Product
DTB: Depth to Bottom
BBPD: Bronx Borough President's Datum

Table 2
New York City School Construction Authority
Metro North/Mott Haven Site
Bronx, New York
Summary of Target Compound List VOCs Detected in Groundwater
13th Sampling Event - Post Remediation

SAMPLE ID	SAMPLING DATE	cis-1,2-dichloroethene	Naphthalene	Benzene	m,p-xylene	1,2,4-trimethylbenzene	1,2,4-trichlorobenzene	Cyclohexane	Methylcyclohexane	Tetrachloroethene	Trichloroethene	Methyl tert-butyl Ether	Vinyl Chloride	Acetone	Toluene	Chloroform
NYS Class GA Standard[1]		5.0	10.0 GV	1.0	5.0	5.0	5.0	^	^	5.0	5.0	10.0	2.0	50	5.0	7.0
MW-3A	12/6/2007	5.0 U	10.0 U	5.0 U	5.0 U	5.0 U	5.0 U	NA	NA	5.0 U	5.0 U	5.0 U	5.0 U	25 U	5.0 U	5.0 U
	3/24/2008	5.0 U	NA	5.0 U	5.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	25 U	5.0 U	5.0 U
	6/5/2008	5.0 U	NA	5.0 U	5.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	25 U	5.0 U	5.0 U
	9/10/2008	5.0 U	NA	5.0 U	10.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	25 U	5.0 U	5.0 U
	3/4/2009	5.0 U	NA	5.0 U	10.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	25 U	5.0 U	5.0 U
	9/30/2009	5.0 U	NA	5.0 U	10.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	25 U	5.0 U	5.0 U
	3/10/2010	**5.9**	NA	1.0 U	2.0 U	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.2	1.6	**3.4**	5.0 U	1.0 U	1.0 U
MW-3R+	9/25/2010	2.3	NA	1.0 U	2.0 U	NA	1.0 U	1.0 U	1.0 U	0.53 J	1.0 U	1.0 U	0.94 J	5.0 U	1.0 U	1.0 U
	3/12/2011	1.0 J	NA	1.0 U	2.0 U	NA	1.1	1.0 U	1.0 U	2.3	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U
	9/17/2011	1.6 J	NA	5.0 U	10.0 U	NA	5.0 U	5.0 U	5.0 U	3.2 J	5.0 U	5.0 U	5.0 U	25 U	5.0 U	5.0 U
	3/10/2012	2.1 J	NA	2.5 U	5.0 U	NA	2.5 U	2.5 U	2.5 U	2.0 J	0.7 J	2.5 U	1.2 J	13 U	0.6 J	2.5 U
	3/28/2013	1.1 J	10.0 U	5.0 U	15.0 U	5.0 U	10.0 U	NA	NA	5.0 U	5.0 U	5.0 U	5.0 U	10.0 U	5.0 U	5.0 U
	6/15/2013	1.3 J	10.0 U	5.0 U	10.0 U	5.0 U	10.0 U	NA	NA	3.6 J	5.0 U	5.0 U	5.0 U	10.0 U	5.0 U	5.0 U
MW-5A	12/6/2007	5.0 U	10.0 U	5.0 U	5.0 U	5.0 U	5.0 U	NA	NA	5.0 U	5.0 U	5.0 U	5.0 U	25 U	5.0 U	5.0 U
	3/24/2008	5.0 U	NA	5.0 U	5.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	25 U	5.0 U	5.0 U
	6/5/2008	5.0 U	NA	5.0 U	5.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	25 U	5.0 U	5.0 U
	9/10/2008	5.0 U	NA	**3.3 J***	10.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	25 U	5.0 U	5.0 U
	3/4/2009	5.0 U	NA	5.0 U	10.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	25 U	5.0 U	5.0 U
	9/30/2009	5.0 U	NA	5.0 U	10.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	25 U	5.0 U	5.0 U
	3/10/2010	1.0 U	NA	1.0 U	2.0 U	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U
MW-5R+	9/25/2010	1.0 U	NA	1.0 U	2.0 U	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U
	3/12/2011	1.0 U	NA	1.0 U	2.0 U	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U
	9/17/2011	5.0 U	NA	5.0 U	10.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	25 U	5.0 U	5.0 U
	3/10/2012	2.5 U	NA	2.5 U	5.0 U	NA	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	13 U	0.8 J	2.5 U
	3/28/2013	5.0 U	10.0 U	5.0 U	15.0 U	5.0 U	10.0 U	NA	NA	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U
	6/15/2013	5.0 U	10.0 U	5.0 U	10.0 U	5.0 U	10.0 U	NA	NA	2.2 J	5.0 U	5.0 U	5.0 U	7.7 J	5.0 U	5.0 U
MW-11A	12/6/2007	5.0 U	10.0 U	5.0 U	5.0 U	5.0 U	5.0 U	NA	NA	5.0 U	5.0 U	5.0 U	5.0 U	25 U	5.0 U	5.0 U
	3/24/2008	5.0 U	NA	5.0 U	5.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	25 U	5.0 U	5.0 U
	6/5/2008	5.0 U	NA	5.0 U	5.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	25 U	5.0 U	5.0 U
	9/10/2008	5.0 U	NA	5.0 U	10.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	25 U	5.0 U	5.0 U
	3/4/2009	5.0 U	NA	5.0 U	10.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	25 U	5.0 U	5.0 U
	9/30/2009	5.0 U	NA	5.0 U	10.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	25 U	5.0 U	5.0 U
	3/10/2010	1.0 U	NA	1.0 U	2.0 U	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U
MW-11R+	9/25/2010	1.0 U	NA	1.0 U	2.0 U	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U
	3/12/2011	1.0 U	NA	1.0 U	2.0 U	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U
	9/17/2011	5.0 U	NA	5.0 U	10.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	25 U	5.0 U	5.0 U
	3/10/2012	2.5 U	NA	2.5 U	5.0 U	NA	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	13 U	0.5 J	2.5 U
	3/28/2013	5.0 U	10.0 U	5.0 U	15.0 U	5.0 U	10.0 U	NA	NA	5.0 U	5.0 U	5.0 U	5.0 U	10.0 U	5.0 U	5.0 U
	6/15/2013	5.0 U	10.0 U	5.0 U	10.0 U	5.0 U	10.0 U	NA	NA	1.4 J	5.0 U	5.0 U	5.0 U	10.0 U	5.0 U	5.0 U
MW-23	12/6/2007	4.3 J	10.0 U	5.0 U	5.0 U	5.0 U	5.0 U	NA	NA	5.0 U	5.0 U	5.0 U	5.0 U	25 U	5.0 U	5.0 U
	3/24/2008	**5.6**	NA	5.0 U	5.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	25 U	5.0 U	5.0 U
	6/5/2008	**6.5**	NA	5.0 U	5.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	25 U	5.0 U	5.0 U
	9/10/2008	**7.1**	NA	5.0 U	10.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	25 U	5.0 U	5.0 U
	3/4/2009	**12**	NA	5.0 U	10.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	25 U	5.0 U	5.0 U
	9/30/2009	**13**	NA	5.0 U	10.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**9.4**	25 U	5.0 U	5.0 U
	3/10/2010	2.6	NA	1.0 U	2.0 U	NA	1.0 U	1.0 U	1.0 U	**6.2**	1.0	1.0 U	1.0	5.0 U	1.0 U	1.0 U
	9/25/2010	**8.0**	NA	1.0 U	2.0 U	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**16**	5.0 U	1.0 U	1.0 U
	3/12/2011	2.8	NA	1.0 U	2.0 U	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**4.4**	5.0 U	1.0 U	1.0 U
	9/17/2011	3.1 J	NA	5.0 U	10.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**7.8**	25 U	5.0 U	5.0 U
	3/10/2012	1.6 J	NA	2.5 U	5.0 U	NA	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	**2.3** J	12.5 U	2.5 U	2.5 U
	3/28/2013	5.0 U	10.0 U	5.0 U	15.0 U	5.0 U	10.0 U	NA	NA	5.0 U	5.0 U	5.0 U	5.0 U	10.0 U	5.0 U	5.0 U
	6/15/2013	1.4 J	10.0 U	5.0 U	10.0 U	5.0 U	10.0 U	NA	NA	2.3 J	5.0 U	5.0 U	1.4 J	6.6 J	5.0 U	5.0 U

Table 2
New York City School Construction Authority
Metro North/Mott Haven Site
Bronx, New York
Summary of Target Compound List VOCs Detected in Groundwater
13th Sampling Event - Post Remediation

SAMPLE ID	SAMPLING DATE	cis-1,2-dichloroethene	Naphthalene	Benzene	m,p-xylene	1,2,4-trimethylbenzene	1,2,4-trichlorobenzene	Cyclohexane	Methylcyclohexane	Tetrachloroethene	Trichloroethene	Methyl tert-butyl Ether	Vinyl Chloride	Acetone	Toluene	Chloroform
NYS Class GA Standard[1]		5.0	10.0 [GV]	1.0	5.0	5.0	5.0	^	^	5.0	5.0	10.0	2.0	50	5.0	7.0
MW-24**	12/6/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	5.0 U	NS	NS	NS	NS	NS
	3/24/2008	5.0 U	NA	5.0 U	5.0 U	NA	5.0 U	5.0 U	5.0 U	**44**	5.0 U	5.0 U	5.0 U	25 U	5.0 U	5.0 U
	6/5/2008	5.0 U	NA	5.0 U	5.0 U	NA	5.0 U	5.0 U	5.0 U	**51**	5.0 U	5.0 U	5.0 U	25 U	5.0 U	5.0 U
	9/10/2008	5.0 U	NA	5.0 U	10.0 U	NA	5.0 U	5.0 U	5.0 U	**36**	5.0 U	5.0 U	5.0 U	25 U	5.0 U	5.0 U
	3/4/2009	5.0 U	NA	5.0 U	10.0 U	NA	5.0 U	5.0 U	5.0 U	**33**	5.0 U	4.4 J	5.0 U	25 U	5.0 U	5.0 U
	9/30/2009	5.0 U	NA	5.0 U	10.0 U	NA	5.0 U	5.0 U	5.0 U	**50**	5.0 U	2.2 J	5.0 U	25 U	5.0 U	5.0 U
	3/10/2010	1.0 U	NA	1.0 U	2.0 U	NA	1.0 U	1.0 U	1.0 U	**43**	1.4	0.68 J	1.0 U	5.0 U	1.0 U	1.0 U
	9/25/2010	1.0 U	NA	1.0 U	2.0 U	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U
	3/12/2011	1.0 U	NA	1.0 U	2.0 U	NA	1.0 U	1.0 U	1.0 U	**26**	4.7	1.0 U	1.0 U	5.0 U	1.0 U	1.7
	9/17/2011	5.0 U	NA	5.0 U	10.0 U	NA	5.0 U	5.0 U	5.0 U	**16**	3.8 J	5.0 U	5.0 U	25 U	5.0 U	5.0 U
	3/10/2012	2.5 U	NA	2.5 U	5.0 U	NA	2.5 U	2.5 U	2.5 U	**14**	3.4 J	2.5 U	2.5 U	12.5 U	0.69 J	1.2 J
	3/28/2013	5.0 U	10.0 U	5.0 U	15.0 U	5.0 U	10.0 U	NA	NA	**19**	1.3 J	5.0 U	5.0 U	10.0 U	5.0 U	5.0 U
	6/15/2013	5.0 U	1.2 J	5.0 U	10.0 U	5.0 U	10.0 U	NA	NA	**7.3**	5.0 U	1.2 J	5.0 U	10.0 U	5.0 U	5.0 U
MW-25	12/6/2007	5.0 U	**14.0**	**2.3 J**	2.2 J	1.1 J	5.0 U	NA	NA	5.0 U	5.0 U	5.0 U	5.0 U	25 U	5.0 U	5.0 U
	3/24/2008	5.0 U	NA	**6.6**	4.3 J	NA	5.0 U	8.8	2.8 J	5.0 U	5.0 U	5.0 U	5.0 U	25 U	5.0 U	5.0 U
	6/5/2008	5.0 U	NA	5.0 U	5.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	25 U	5.0 U	5.0 U
	9/10/2008	5.0 U	NA	5.0 U	10.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	25 U	5.0 U	5.0 U
	3/4/2009	5.0 U	NA	**2.9 J**	10.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	25 U	5.0 U	5.0 U
MW-25R****	10/3/2009	5.0 U	NA	**5.2**	10.0 U	NA	5.0 U	35	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	14 J	2.4 J	2.4 J
MW-25	3/10/2010	2.3	NA	**2.8**	2.0 U	NA	1.0 U	2.2	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U
	9/25/2010	1.0 U	NA	1.0 U	2.0 U	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U
	3/12/2011	1.0	NA	0.66 J	2.0 U	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U
	9/17/2011	0.98 J	NA	0.76 J	10.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	25 U	5.0 U	5.0 U
	3/10/2012	0.25 U	NA	0.25 U	5.0 U	NA	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	12.5 U	0.74 J	2.5 U
	3/28/2013	5.0 U	10.0 U	5.0 U	15.0 U	5.0 U	10.0 U	NA	NA	5.0 U	5.0 U	5.0 U	5.0 U	10.0 U	5.0 U	5.0 U
	6/15/2013	5.0 U	10.0 U	5.0 U	10.0 U	5.0 U	10.0 U	NA	NA	2.2 J	5.0 U	5.0 U	5.0 U	10.0 U	5.0 U	5.0 U
MW-26***	12/6/2007	5.0 U	10.0 U	5.0 U	5.0 U	5.0 U	5.0 U	NA	NA	5.0 U	5.0 U	5.0 U	5.0 U	25 U	5.0 U	5.0 U
	3/24/2008	NS	NS	NS	NS	NS	5.0 U	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-26R	6/5/2008	5.0 U	NA	5.0 U	5.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	25 U	5.0 U	5.0 U
	9/10/2008	5.0 U	NA	5.0 U	10.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	25 U	5.0 U	5.0 U
	3/4/2009	5.0 U	NA	5.0 U	10.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	25 U	5.0 U	5.0 U
	9/30/2009	5.0 U	NA	5.0 U	10.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	9.0 J	5.0 U	5.0 U
	3/10/2010	**5.9**	NA	1.0 U	2.0 U	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.1	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U
	9/25/2010	1.0 U	NA	1.0 U	2.0 U	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U
	3/12/2011	1.0 U	NA	1.0 U	2.0 U	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U
	9/17/2011	1.0 J	NA	5.0 U	10.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	7.7 J	5.0 U	5.0 U
	3/10/2012	0.83 J	NA	2.5 U	5.0 U	NA	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	1.2 J	12.5 U	0.9 J	2.5 U
	3/28/2013	5.0 U	10.0 U	5.0 U	15.0 U	5.0 U	10.0 U	NA	NA	5.0 U	5.0 U	5.0 U	5.0 U	10.0 U	5.0 U	5.0 U
	6/15/2013	5.0 U	8.3 J	5.0 U	10.0 U	5.0 U	10.0 U	NA	NA	4.0 J	5.0 U	5.0 U	5.0 U	10.0 U	5.0 U	5.0 U

Notes:

General Comments

All results are in micrograms per liter (µg/L).

Only those parameters detected in at least one sample are reported on this table.

Bold face and shaded values indicate an exceedence of the Class GA Groundwater Standard or Guidance Value.

* - Benzene was not detected in the field duplicate sample which was collected from MW-5A (see Appendix B in the 4th Quarter Groundwater Monitoring Report, dated December 17, 2008).

** - MW-24 was not installed until March 2008 due to construction activities in the immediate area of the monitoring well location.

*** - MW-26 was installed and sampled during the first quarterly event and destroyed prior to the second quarterly event. MW-26R was installed prior to the third quarterly sampling event.

**** - MW-25 was covered over sometime after the 5th sampling event. MW-25R was installed on October 3, 2009. MW-25 was later uncovered and is currently in use.

[+] - Original well was decommissioned due to site construction activities. Replacement well was installed in September 2010.

Standards

[1] = NYSDEC TOGS Series 1.1.1, Ambient Groundwater Quality Standards & Guidance Values & Groundwater Effluent Limitations, Revised June 1998, and updates.

^ = No standard or guidance value available.

[GV] = No standard available; value listed is a guidance value.

Laboratory Qualifiers - Organic

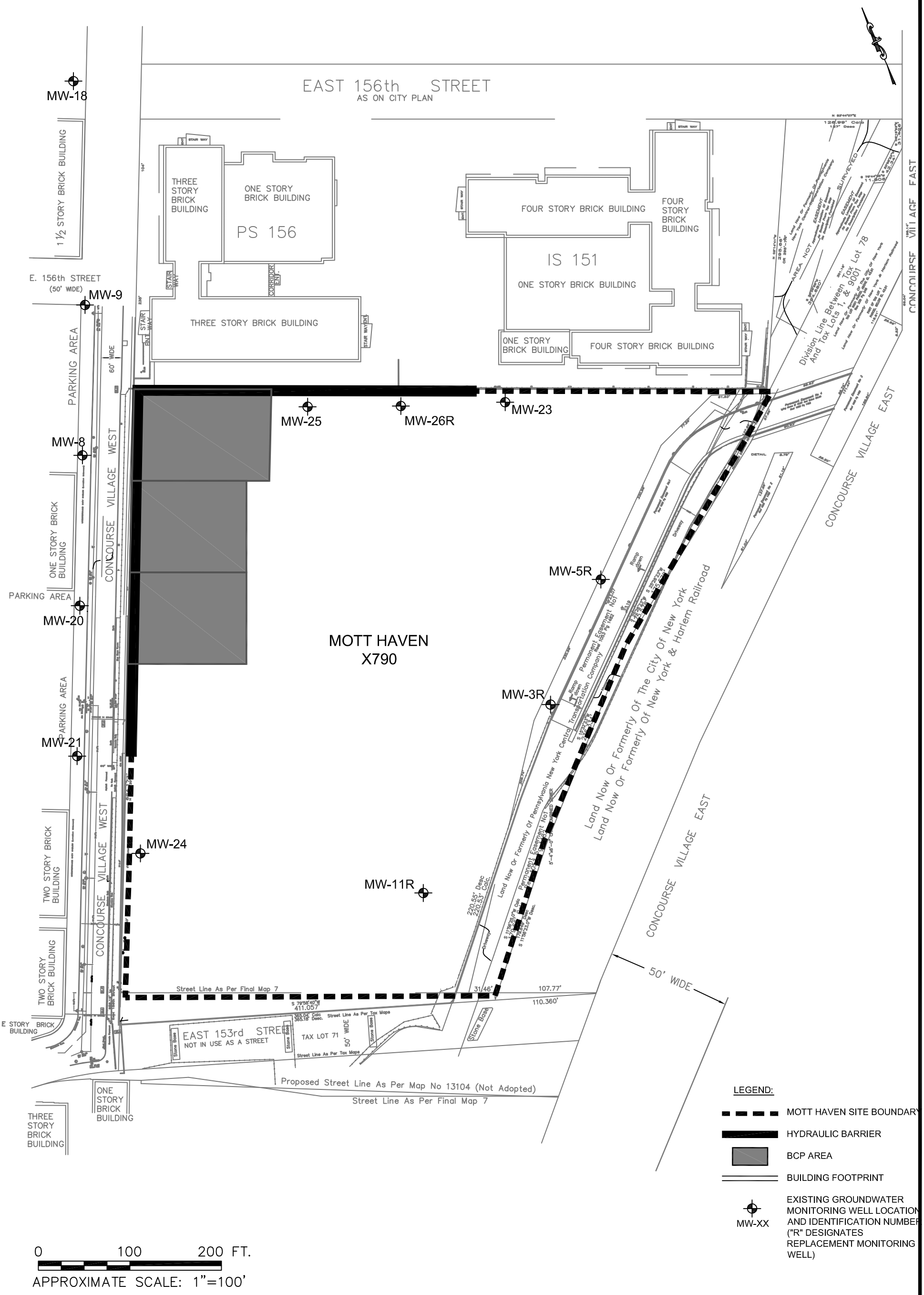
NS - Not sampled

NA - Not analyzed

U - Indicates the compound was analyzed for but was not detected.

J - The reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).

FIGURES



STV 100 Years

225 PARK AVENUE SOUTH, N.Y., N.Y. 10003

X790 - MOTT HAVEN
730 CONCOURSE VILLAGE EAST
BRONX, NY 10023

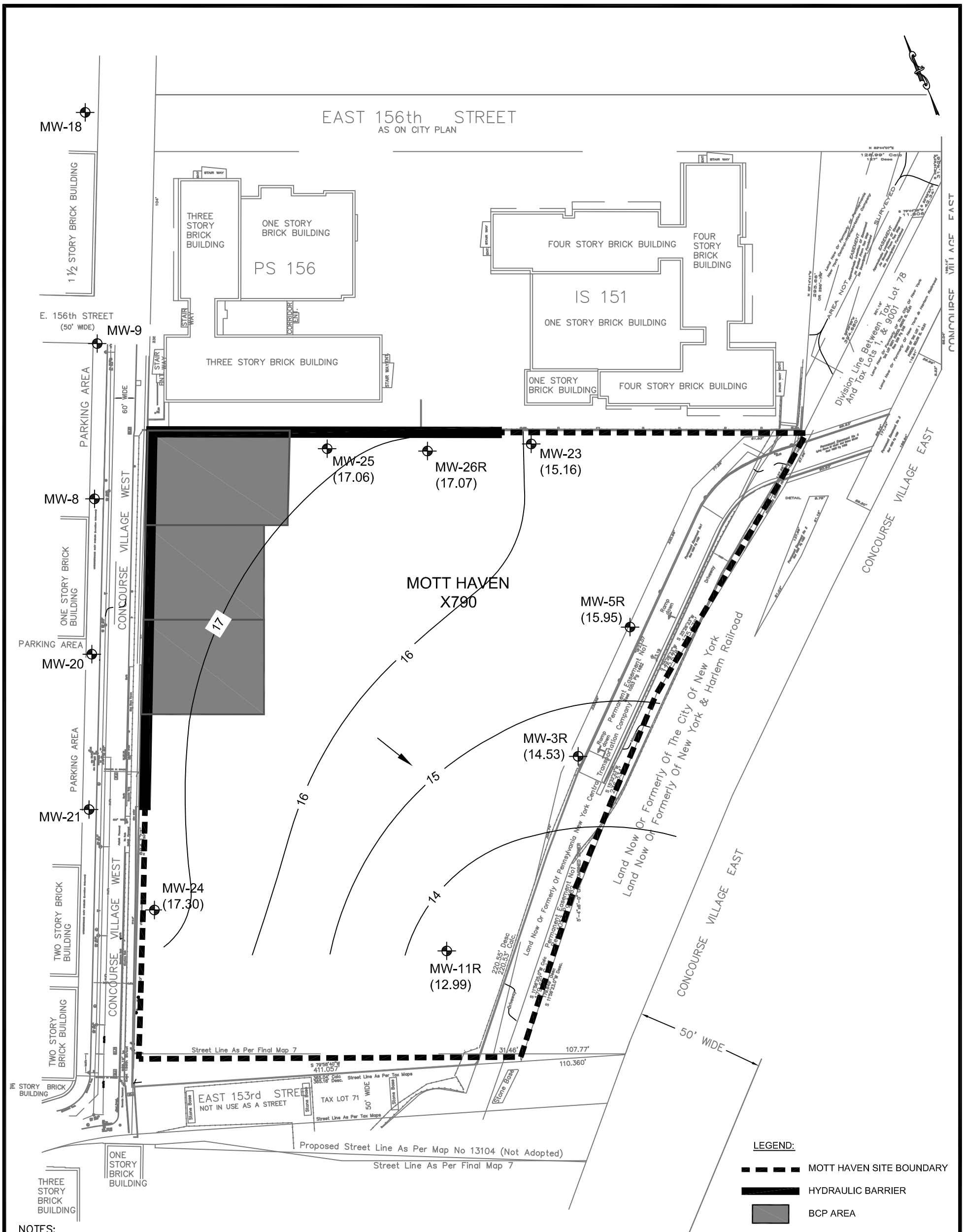
SCHOOL CONSTRUCTION AUTHORITY

FIGURE 1
MONITORING WELL SAMPLE
LOCATION PLAN

DATE: JUNE 2013

SCALE: AS SHOWN

SHEET NO: 1



NOTES:

1. HORIZONTAL DATUM: COORDINATE SYSTEM BASED UPON PUBLISHED COORDINATES OF EXISTING WELLS AND MH AT CP 802

2. VERTICAL DATUM: BRONX BOROUGH PRESIDENT'S DATUM WHICH IS 2.725 FT ABOVE U.S. COAST AND GEODETIC SURVEY DATUM, SANDY HOOK, NJ (NGVD 29)

0 100 200 FT.

APPROXIMATE SCALE: 1"=100'

LEGEND:

- MOTT HAVEN SITE BOUNDARY
- HYDRAULIC BARRIER
- BCP AREA
- BUILDING FOOTPRINT
- MW-0X EL. 11.33 — EXISTING GROUNDWATER MONITORING WELL LOCATION AND IDENTIFICATION NUMBER ("R" DESIGNATES REPLACEMENT MONITORING WELL) WITH GROUNDWATER SURFACE ELEVATION IN FEET
- 17.00 — GROUNDWATER SURFACE ELEVATION CONTOUR
- GROUNDWATER FLOW DIRECTION

STV 100 Years

225 PARK AVENUE SOUTH, N.Y., N.Y. 10003

X790 - MOTT HAVEN
730 CONCOURSE VILLAGE EAST
BRONX, NY 10023

SCHOOL CONSTRUCTION AUTHORITY

FIGURE 2
GROUNDWATER SURFACE ELEVATION CONTOUR PLAN

DATE: JUNE 2013

SCALE: AS SHOWN

SHEET NO: 2

APPENDIX A

STV

GROUNDWATER SAMPLING LOG/ LOW-FLOW SAMPLING

PROJECT NUMBER:	3015670-0015	WELL NAME:	MW-11R
PROJECT NAME:	NYCSCA Mott Haven Campus	DATE:	6/15/2013
SITE LOCATION:	730 Concourse Village West, Bronx, NY	WEATHER:	~75 ^{0}F; sunny

WATER-LEVEL DATA:

TIME:	9:00 AM	PID READING (parts per million):	0.1
DESCRIPTION OF MEASURING POINT:	Top of casing (marked)	DEPTH TO PRODUCT (feet):	None
DEPTH TO WATER (feet):	6.18	PRODUCT THICKNESS (feet):	None
DEPTH TO BOTTOM OF WELL (feet):	17.87	MEASURING POINT	Casing Pen Mark
HEIGHT OF WATER COLUMN (feet):	11.69	ELEVATION (feet amsl):	19.17
WELL CASING VOLUME (gallons/foot):	0.09	WATER-LEVEL ELEVATION (feet amsl):	12.99
VOLUME OF WATER COLUMN (gallon):	1.05		
BOTTOM OF SCREENED INTERVAL (ft amsl):	17.87	WELLCASING VOLUMES IN GALLONS/FOOT:	
		1-1/4" = 0.06 1-1/2" = 0.09 2" = 0.16	
		2-1/2" = 0.26 3" = 0.37 4" = 0.65 6" = 1.47	

EVACUATION DATA:

METHOD OF EVACUATION:	Peristaltic Pump
DEPTH TO PUMP INTAKE (feet):	Tubing lowered to ~15'
EVACUATION RATE (milliliters/minute):	~450
VOLUME PURGED (gallons):	~2.5 gallons
TIME STARTED PURGING:	10:54 AM
TIME FINISHED PURGING:	11:14 AM

SAMPLE COLLECTION PROCEDURE:

DEPTH TO WATER PRIOR TO SAMPLING (feet):	6.07
TIME STARTED SAMPLING:	11:20 AM
TIME FINISHED SAMPLING:	11:21 AM

FIELD PARAMETERS:	**UNITS:**							
TIME:		10:54 AM	10:59 AM	11:04 AM	11:09 AM	11:14 AM		
TEMPERATURE:	^{o}C	18.13	16.86	16.55	16.69	17.01		
pH (+/- 0.1)	SU	7.01	7.02	7.04	7.02	7.04		
CONDUCTIVITY (+/- 3%)	mS/cm	1.17	1.25	1.22	1.22	1.20		
DISSOLVED OXYGEN (+/- 10%)	mg/L	8.30	13.89	12.14	2.69	3.05		
ORP (+/- 10mV)	mV	80	79	73	69	76		
TURBIDITY (+/- 10%)	NTU	0.00	0.00	0.00	0.00	0.00		
TDS:	g/l	0.589	0.799	0.782	0.783	0.768		
COLOR:		orange	orange	clear	clear	clear		
ODOR:		none	none	none	none	none		
DEPTH TO WATER:	feet	6.07			10.05	8.32		
TIME:								
TEMPERATURE:	^{o}C							
pH (+/- 0.1)	SU							
CONDUCTIVITY (+/- 3%)	mS/cm							
DISSOLVED OXYGEN (+/- 10%)	mg/L							
ORP (+/- 10mV)	mV							
TURBIDITY (+/- 10%)	NTU							
TDS:	g/l							
COLOR:								
ODOR:								
DEPTH TO WATER:	feet							

OTHER:

REMARKS:

DUPLICATE

SAMPLING PERSONNEL: M. Sherwood & R. Fields

STV

GROUNDWATER SAMPLING LOG/ LOW-FLOW SAMPLING

PROJECT NUMBER:	3015670-0015	WELL NAME:	MW-5R
PROJECT NAME:	NYCSCA Mott Haven Campus	DATE:	6/15/2013
SITE LOCATION:	730 Concourse Village West, Bronx, NY	WEATHER:	~75 ^{0} F; sunny

WATER-LEVEL DATA:

TIME:	9:15 AM	PID READING (parts per million):	2.2
DESCRIPTION OF MEASURING POINT:	Top of casing (marked)	DEPTH TO PRODUCT (feet):	None
DEPTH TO WATER (feet):	3.68	PRODUCT THICKNESS (feet):	None
DEPTH TO BOTTOM OF WELL (feet):	14.88	MEASURING POINT	Casing Pen Mark
HEIGHT OF WATER COLUMN (feet):	11.20	ELEVATION (feet amsl):	19.63
WELL CASING VOLUME (gallons/foot):	0.09	WATER-LEVEL ELEVATION (feet amsl):	15.95
VOLUME OF WATER COLUMN (gallon):	1.01		
BOTTOM OF SCREENED INTERVAL (ft amsl):	14.88	WELLCASING VOLUMES IN GALLONS/FOOT:	
		1-1/4" = 0.06 1-1/2" = 0.09 2" = 0.16	
		2-1/2" = 0.26 3" = 0.37 4" = 0.65 6" = 1.47	

EVACUATION DATA:

METHOD OF EVACUATION:	Peristaltic Pump
DEPTH TO PUMP INTAKE (feet):	Tubing lowered to ~12'
EVACUATION RATE (milliliters/minute):	~450
VOLUME PURGED (gallons):	~5.0 gallons
TIME STARTED PURGING:	11:41 AM
TIME FINISHED PURGING:	12:21 PM

SAMPLE COLLECTION PROCEDURE:

DEPTH TO WATER PRIOR TO SAMPLING (feet):	3.68
TIME STARTED SAMPLING:	12:30 PM
TIME FINISHED SAMPLING:	12:31 PM

FIELD PARAMETERS:	**UNITS:**							
TIME:		11:41 AM	11:46 AM	11:51 AM	11:56 AM	12:01 PM	12:06 PM	12:11 PM
TEMPERATURE:	^{o}C	20.08	17.99	17.90	17.73	17.85	17.90	18.53
pH (+/- 0.1)	SU	7.68	7.81	7.79	7.76	7.73	7.72	7.71
CONDUCTIVITY (+/- 3%)	mS/cm	0.352	0.364	0.376	0.387	0.398	0.401	0.399
DISSOLVED OXYGEN (+/- 10%)	mg/L	14.26	11.90	10.80	9.66	8.43	7.67	6.67
ORP (+/- 10mV)	mV	81	-49	-87	-108	-125	-132	-140
TURBIDITY (+/- 10%)	NTU	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TDS:	g/l	0.225	0.326	0.244	0.252	0.259	0.260	0.260
COLOR:		clear	clear	clear	clear	clear	clear	clear
ODOR:		none	none	none	none	none	none	none
DEPTH TO WATER:	feet	3.68			3.77			3.77
TIME:		12:16 PM	12:21 PM					
TEMPERATURE:	^{o}C	18.18	17.95					
pH (+/- 0.1)	SU	7.71	7.71					
CONDUCTIVITY (+/- 3%)	mS/cm	0.405	0.405					
DISSOLVED OXYGEN (+/- 10%)	mg/L	6.13	5.63					
ORP (+/- 10mV)	mV	-143	-145					
TURBIDITY (+/- 10%)	NTU	0.0	0.0					
TDS:	g/l	0.265	0.263					
COLOR:		clear	clear					
ODOR:		none	none					
DEPTH TO WATER:	feet		3.69					

OTHER:

REMARKS:

DUPLICATE Field duplicate collected from this well

SAMPLING PERSONNEL: M. Sherwood & R. Fields

STV

GROUNDWATER SAMPLING LOG/ LOW-FLOW SAMPLING

PROJECT NUMBER:	3015670-0015	WELL NAME:	MW-3R
PROJECT NAME:	NYCSCA Mott Haven Campus	DATE:	6/15/2013
SITE LOCATION:	730 Concourse Village West, Bronx, NY	WEATHER:	~80 ^{0} F; sunny

WATER-LEVEL DATA:

TIME:	9:30 AM	PID READING (parts per million):	1.3
DESCRIPTION OF MEASURING POINT:	Top of casing (marked)	DEPTH TO PRODUCT (feet):	None
DEPTH TO WATER (feet):	2.58	PRODUCT THICKNESS (feet):	None
DEPTH TO BOTTOM OF WELL (feet):	14.85	MEASURING POINT	Casing Pen Mark
HEIGHT OF WATER COLUMN (feet):	12.27	ELEVATION (feet amsl):	17.11
WELL CASING VOLUME (gallons/foot):	0.09	WATER-LEVEL ELEVATION (feet amsl):	14.53
VOLUME OF WATER COLUMN (gallon):	1.10		
BOTTOM OF SCREENED INTERVAL (ft amsl):	14.85	WELLCASING VOLUMES IN GALLONS/FOOT:	
		1-1/4" = 0.06 1-1/2" = 0.09 2" = 0.16	
		2-1/2" = 0.26 3" = 0.37 4" = 0.65 6" = 1.47	

EVACUATION DATA:

METHOD OF EVACUATION:	Peristaltic Pump
DEPTH TO PUMP INTAKE (feet):	Tubing lowered to ~12'
EVACUATION RATE (milliliters/minute):	~285
VOLUME PURGED (gallons):	~1.5 gallons
TIME STARTED PURGING:	12:49 PM
TIME FINISHED PURGING:	1:09 PM

SAMPLE COLLECTION PROCEDURE:

DEPTH TO WATER PRIOR TO SAMPLING (feet):	2.73
TIME STARTED SAMPLING:	1:13 PM
TIME FINISHED SAMPLING:	1:14 PM

FIELD PARAMETERS:	**UNITS:**							
TIME:		12:49 PM	12:54 PM	12:59 PM	1:04 PM	1:09 PM		
TEMPERATURE:	^{o}C	22.51	20.82	20.11	20.83	20.62		
pH (+/- 0.1)	SU	7.13	7.03	7.10	7.15	7.18		
CONDUCTIVITY (+/- 3%)	mS/cm	1.43	1.48	1.02	0.786	0.749		
DISSOLVED OXYGEN (+/- 10%)	mg/L	3.50	2.27	2.31	2.01	1.98		
ORP (+/- 10mV)	mV	-96	-102	-104	-105	-106		
TURBIDITY (+/- 10%)	NTU	0.0	0.0	0.0	0.0	0.0		
TDS:	g/l	0.922	0.946	0.639	0.503	0.462		
COLOR:		clear	clear	clear	clear	clear		
ODOR:		none	none	none	none	none		
DEPTH TO WATER:	feet							
TIME:								
TEMPERATURE:	^{o}C							
pH (+/- 0.1)	SU							
CONDUCTIVITY (+/- 3%)	mS/cm							
DISSOLVED OXYGEN (+/- 10%)	mg/L							
ORP (+/- 10mV)	mV							
TURBIDITY (+/- 10%)	NTU							
TDS:	g/l							
COLOR:								
ODOR:								
DEPTH TO WATER:	feet							

OTHER:

REMARKS:

DUPLICATE

SAMPLING PERSONNEL: M. Sherwood & R. Fields

STV

GROUNDWATER SAMPLING LOG/ LOW-FLOW SAMPLING

PROJECT NUMBER:	3015670-0015	WELL NAME:	MW-25
PROJECT NAME:	NYCSCA Mott Haven Campus	DATE:	6/15/2013
SITE LOCATION:	730 Concourse Village West, Bronx, NY	WEATHER:	~80 ^{0} F; sunny

WATER-LEVEL DATA:

TIME:	9:45 AM	PID READING (parts per million):	0.0
DESCRIPTION OF MEASURING POINT:	Top of casing (marked)	DEPTH TO PRODUCT (feet):	None
DEPTH TO WATER (feet):	5.93	PRODUCT THICKNESS (feet):	None
DEPTH TO BOTTOM OF WELL (feet):	9.68	MEASURING POINT	Casing Pen Mark
HEIGHT OF WATER COLUMN (feet):	3.75	ELEVATION (feet amsl):	22.99
WELL CASING VOLUME (gallons/foot):	0.16	WATER-LEVEL ELEVATION (feet amsl):	17.06
VOLUME OF WATER COLUMN (gallon):	0.60		
BOTTOM OF SCREENED INTERVAL (ft amsl):	9.68	WELLCASING VOLUMES IN GALLONS/FOOT:	
		1-1/4" = 0.06 1-1/2" = 0.09 2" = 0.16	
		2-1/2" = 0.26 3" = 0.37 4" = 0.65 6" = 1.47	

EVACUATION DATA:

METHOD OF EVACUATION:	Peristaltic Pump
DEPTH TO PUMP INTAKE (feet):	Tubing lowered to ~7.5'
EVACUATION RATE (milliliters/minute):	~500
VOLUME PURGED (gallons):	~1.3 gallons
TIME STARTED PURGING:	1:29 PM
TIME FINISHED PURGING:	1:39 PM

SAMPLE COLLECTION PROCEDURE:

DEPTH TO WATER PRIOR TO SAMPLING (feet):	5.88
TIME STARTED SAMPLING:	1:41 PM
TIME FINISHED SAMPLING:	1:42 PM

FIELD PARAMETERS:	**UNITS:**							
TIME:		1:29 PM	1:34 PM	1:39 PM				
TEMPERATURE:	^{o}C	21.60	15.72	15.52				
pH (+/- 0.1)	SU	7.26	7.20	7.19				
CONDUCTIVITY (+/- 3%)	mS/cm	1.26	1.43	1.42				
DISSOLVED OXYGEN (+/- 10%)	mg/L	11.80	11.69	10.61				
ORP (+/- 10mV)	mV	-98	-117	-120				
TURBIDITY (+/- 10%)	NTU	0.0	0.0	0.0				
TDS:	g/l	0.822	0.915	0.911				
COLOR:		orange	clear	clear				
ODOR:		none	none	none				
DEPTH TO WATER:	feet	5.88		6.98				
TIME:								
TEMPERATURE:	^{o}C							
pH (+/- 0.1)	SU							
CONDUCTIVITY (+/- 3%)	mS/cm							
DISSOLVED OXYGEN (+/- 10%)	mg/L							
ORP (+/- 10mV)	mV							
TURBIDITY (+/- 10%)	NTU							
TDS:	g/l							
COLOR:								
ODOR:								
DEPTH TO WATER:	feet							

OTHER:

REMARKS:

DUPLICATE

SAMPLING PERSONNEL: M. Sherwood & R. Fields

STV

GROUNDWATER SAMPLING LOG/ LOW-FLOW SAMPLING

PROJECT NUMBER:	3015670-0015	WELL NAME:	MW-23
PROJECT NAME:	NYCSCA Mott Haven Campus	DATE:	6/15/2013
SITE LOCATION:	730 Concourse Village West, Bronx, NY	WEATHER:	~80 ^{0} F; sunny

WATER-LEVEL DATA:

TIME:	10:00 AM	PID READING (parts per million):	0.0
DESCRIPTION OF MEASURING POINT:	Top of casing (marked)	DEPTH TO PRODUCT (feet):	None
DEPTH TO WATER (feet):	7.87	PRODUCT THICKNESS (feet):	None
DEPTH TO BOTTOM OF WELL (feet):	16.70	MEASURING POINT	Casing Pen Mark
HEIGHT OF WATER COLUMN (feet):	8.83	ELEVATION (feet amsl):	23.03
WELL CASING VOLUME (gallons/foot):	0.16	WATER-LEVEL ELEVATION (feet amsl):	15.16
VOLUME OF WATER COLUMN (gallon):	1.41		
BOTTOM OF SCREENED INTERVAL (ft amsl):	16.70	WELLCASING VOLUMES IN GALLONS/FOOT:	
		1-1/4" = 0.06 1-1/2" = 0.09 2" = 0.16	
		2-1/2" = 0.26 3" = 0.37 4" = 0.65 6" = 1.47	

EVACUATION DATA:

METHOD OF EVACUATION:	Peristaltic Pump
DEPTH TO PUMP INTAKE (feet):	Tubing lowered to ~14'
EVACUATION RATE (milliliters/minute):	~600
VOLUME PURGED (gallons):	~2.5 gallons
TIME STARTED PURGING:	1:55 PM
TIME FINISHED PURGING:	2:10 PM

SAMPLE COLLECTION PROCEDURE:

DEPTH TO WATER PRIOR TO SAMPLING (feet):	7.87
TIME STARTED SAMPLING:	2:16 PM
TIME FINISHED SAMPLING:	2:17 PM

FIELD PARAMETERS:	**UNITS:**							
TIME:		1:55 PM	2:00 PM	2:05 PM	2:10 PM			
TEMPERATURE:	^{o}C	18.05	12.70	16.53	16.53			
pH (+/- 0.1)	SU	7.53	7.46	7.44	7.44			
CONDUCTIVITY (+/- 3%)	mS/cm	0.503	0.580	0.578	0.575			
DISSOLVED OXYGEN (+/- 10%)	mg/L	4.60	2.40	10.48	9.67			
ORP (+/- 10mV)	mV	-88	-80	-81	-83			
TURBIDITY (+/- 10%)	NTU	0.0	0.0	0.0	0.0			
TDS:	g/l	0.377	0.371	0.370	0.368			
COLOR:		clear	clear	clear	clear			
ODOR:		none	none	none	none			
DEPTH TO WATER:	feet	7.87			7.98			
TIME:								
TEMPERATURE:	^{o}C							
pH (+/- 0.1)	SU							
CONDUCTIVITY (+/- 3%)	mS/cm							
DISSOLVED OXYGEN (+/- 10%)	mg/L							
ORP (+/- 10mV)	mV							
TURBIDITY (+/- 10%)	NTU							
TDS:	g/l							
COLOR:								
ODOR:								
DEPTH TO WATER:	feet							

OTHER:

REMARKS:

DUPLICATE

SAMPLING PERSONNEL: M. Sherwood & R. Fields

STV

GROUNDWATER SAMPLING LOG/ LOW-FLOW SAMPLING

PROJECT NUMBER:	3015670-0015	WELL NAME:	MW-26R
PROJECT NAME:	NYCSCA Mott Haven Campus	DATE:	6/15/2013
SITE LOCATION:	730 Concourse Village West, Bronx, NY	WEATHER:	~80 ^{0} F; sunny

WATER-LEVEL DATA:

TIME:	10:15 AM	PID READING (parts per million):	0.0
DESCRIPTION OF MEASURING POINT:	Top of casing (marked)	DEPTH TO PRODUCT (feet):	None
DEPTH TO WATER (feet):	5.53	PRODUCT THICKNESS (feet):	None
DEPTH TO BOTTOM OF WELL (feet):	17.35	MEASURING POINT	Casing Pen Mark
HEIGHT OF WATER COLUMN (feet):	11.82	ELEVATION (feet amsl):	22.60
WELL CASING VOLUME (gallons/foot):	0.09	WATER-LEVEL ELEVATION (feet amsl):	17.07
VOLUME OF WATER COLUMN (gallon):	1.06		
BOTTOM OF SCREENED INTERVAL (ft amsl):	17.35	WELLCASING VOLUMES IN GALLONS/FOOT:	
		1-1/4" = 0.06 1-1/2" = 0.09 2" = 0.16	
		2-1/2" = 0.26 3" = 0.37 4" = 0.65 6" = 1.47	

EVACUATION DATA:

METHOD OF EVACUATION:	Peristaltic Pump
DEPTH TO PUMP INTAKE (feet):	Tubing lowered to ~15'
EVACUATION RATE (milliliters/minute):	~380
VOLUME PURGED (gallons):	~1.5 gallons
TIME STARTED PURGING:	2:45 PM
TIME FINISHED PURGING:	3:00 PM

SAMPLE COLLECTION PROCEDURE:

DEPTH TO WATER PRIOR TO SAMPLING (feet):	5.5
TIME STARTED SAMPLING:	3:09 PM
TIME FINISHED SAMPLING:	3:11 PM

FIELD PARAMETERS:	**UNITS:**							
TIME:		2:45 PM	2:50 PM	2:55 PM	3:00 PM			
TEMPERATURE:	^{o}C	18.46	16.23	15.88	15.22			
pH (+/- 0.1)	SU	7.28	7.23	7.40	7.46			
CONDUCTIVITY (+/- 3%)	mS/cm	0.699	0.844	0.838	0.839			
DISSOLVED OXYGEN (+/- 10%)	mg/L	8.72	10.66	12.68	12.85			
ORP (+/- 10mV)	mV	-81	-89	-104	-104			
TURBIDITY (+/- 10%)	NTU	0.0	0.0	0.0	0.0			
TDS:	g/l	0.472	0.542	0.535	0.504			
COLOR:		clear	clear	clear	clear			
ODOR:		none	none	none	none			
DEPTH TO WATER:	feet	5.50			7.35			
TIME:								
TEMPERATURE:	^{o}C							
pH (+/- 0.1)	SU							
CONDUCTIVITY (+/- 3%)	mS/cm							
DISSOLVED OXYGEN (+/- 10%)	mg/L							
ORP (+/- 10mV)	mV							
TURBIDITY (+/- 10%)	NTU							
TDS:	g/l							
COLOR:								
ODOR:								
DEPTH TO WATER:	feet							

OTHER:

REMARKS:

DUPLICATE Collected matrix spike and matrix spike duplicate from MW-26R

SAMPLING PERSONNEL: M. Sherwood & R. Fields

STV

GROUNDWATER SAMPLING LOG/ LOW-FLOW SAMPLING

PROJECT NUMBER:	3015670-0015	WELL NAME:	MW-24
PROJECT NAME:	NYCSCA Mott Haven Campus	DATE:	6/15/2013
SITE LOCATION:	730 Concourse Village West, Bronx, NY	WEATHER:	~80 ^{0} F; sunny

WATER-LEVEL DATA:

TIME:	10:30 AM	PID READING (parts per million):	0.6
DESCRIPTION OF MEASURING POINT:	Top of casing (marked)	DEPTH TO PRODUCT (feet):	None
DEPTH TO WATER (feet):	7.02	PRODUCT THICKNESS (feet):	None
DEPTH TO BOTTOM OF WELL (feet):	15.22	MEASURING POINT	Casing Pen Mark
HEIGHT OF WATER COLUMN (feet):	8.20	ELEVATION (feet amsl):	24.32
WELL CASING VOLUME (gallons/foot):	0.04	WATER-LEVEL ELEVATION (feet amsl):	17.30
VOLUME OF WATER COLUMN (gallon):	0.34		
BOTTOM OF SCREENED INTERVAL (ft amsl):	15.22	WELLCASING VOLUMES IN GALLONS/FOOT:	
		1-1/4" = 0.06 1-1/2" = 0.09 2" = 0.16	
		2-1/2" = 0.26 3" = 0.37 4" = 0.65 6" = 1.47	

EVACUATION DATA:

METHOD OF EVACUATION:	Peristaltic Pump
DEPTH TO PUMP INTAKE (feet):	Tubing lowered to ~13'
EVACUATION RATE (milliliters/minute):	~600
VOLUME PURGED (gallons):	~4.0 gallons
TIME STARTED PURGING:	3:24 PM
TIME FINISHED PURGING:	3:49 PM

SAMPLE COLLECTION PROCEDURE:

DEPTH TO WATER PRIOR TO SAMPLING (feet):	NA
TIME STARTED SAMPLING:	3:53 PM
TIME FINISHED SAMPLING:	3:54 PM

FIELD PARAMETERS:	**UNITS:**							
TIME:		3:24 PM	3:29 PM	3:34 PM	3:39 PM	3:44 PM	3:49 PM	
TEMPERATURE:	^{o}C	17.35	15.92	15.83	15.78	15.61	15.61	
pH (+/- 0.1)	SU	7.47	7.39	7.26	7.18	7.11	7.06	
CONDUCTIVITY (+/- 3%)	mS/cm	3.79	2.32	2.17	2.08	1.96	1.92	
DISSOLVED OXYGEN (+/- 10%)	mg/L	11.11	11.23	10.01	8.60	6.82	6.22	
ORP (+/- 10mV)	mV	10	36	49	58	69	78	
TURBIDITY (+/- 10%)	NTU	0.0	0.0	0.0	0.0	0.0	0.0	
TDS:	g/l	1.78	1.48	1.39	1.32	1.25	1.23	
COLOR:		clear	clear	clear	clear	clear	clear	
ODOR:		none	none	none	none	none	none	
DEPTH TO WATER:	feet	NA						
TIME:								
TEMPERATURE:	^{o}C							
pH (+/- 0.1)	SU							
CONDUCTIVITY (+/- 3%)	mS/cm							
DISSOLVED OXYGEN (+/- 10%)	mg/L							
ORP (+/- 10mV)	mV							
TURBIDITY (+/- 10%)	NTU							
TDS:	g/l							
COLOR:								
ODOR:								
DEPTH TO WATER:	feet							

OTHER:

REMARKS: Could not collect depth to water reading with the tubing in the well due to the 1" diameter of the well.

DUPLICATE

SAMPLING PERSONNEL: M. Sherwood & R. Fields

APPENDIX B

Technical Report

prepared for:

STV Incorporated
225 Park Avenue South
New York NY, 10003
Attention: Michael Sherwood

Report Date: 06/20/2013
Client Project ID: 3015670-0015 MOTT HAVEN H.S.
York Project (SDG) No.: 13F0521

CT Cert. No. PH-0723 New Jersey Cert. No. CT-005 New York Cert. No. 10854 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 (203) 325-1371 FAX (203) 357-0166

Report Date: 06/20/2013
Client Project ID: 3015670-0015 MOTT HAVEN H.S.
York Project (SDG) No.: 13F0521

STV Incorporated
225 Park Avenue South
New York NY, 10003
Attention: Michael Sherwood

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 June 17, 2013 and listed below. The project was identified as your project: **3015670-0015 MOTT HAVEN H.S.**.

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.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
13F0521-01	MW-11R	Water	06/15/2013	06/17/2013
13F0521-02	MW-5R	Water	06/15/2013	06/17/2013
13F0521-03	MW-3R	Water	06/15/2013	06/17/2013
13F0521-04	MW-25	Water	06/15/2013	06/17/2013
13F0521-05	MW-23	Water	06/15/2013	06/17/2013
13F0521-06	MW-26R	Water	06/15/2013	06/17/2013
13F0521-07	MW-24	Water	06/15/2013	06/17/2013
13F0521-10	FIELD DUP.	Water	06/15/2013	06/17/2013
13F0521-11	TRIP BLANK	Water	06/15/2013	06/17/2013

General Notes for York Project (SDG) No.: 13F0521

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: **Date:** 06/20/2013

Benjamin Gulizia
Laboratory Director

YORK

Sample Information

Client Sample ID: **MW-11R** **York Sample ID:** **13F0521-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0521	3015670-0015 MOTT HAVEN H.S.	Water	June 15, 2013 11:20 am	06/17/2013

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.23	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 15:41	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.59	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 15:41	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.34	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 15:41	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 15:41	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.42	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 15:41	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 15:41	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.91	10	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 15:41	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 15:41	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.98	10	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 15:41	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.44	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 15:41	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.36	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 15:41	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.23	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 15:41	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.48	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 15:41	BK
78-93-3	2-Butanone	ND		ug/L	1.5	10	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 15:41	BK
591-78-6	2-Hexanone	ND		ug/L	1.1	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 15:41	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.86	10	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 15:41	BK
67-64-1	Acetone	ND		ug/L	6.1	10	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 15:41	BK
71-43-2	Benzene	ND		ug/L	0.30	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 15:41	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 15:41	BK
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 15:41	BK
74-83-9	Bromomethane	ND		ug/L	2.0	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 15:41	BK
75-15-0	Carbon disulfide	ND		ug/L	0.51	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 15:41	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.56	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 15:41	BK
108-90-7	Chlorobenzene	ND		ug/L	0.38	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 15:41	BK
75-00-3	Chloroethane	ND		ug/L	2.8	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 15:41	BK
67-66-3	Chloroform	ND		ug/L	0.42	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 15:41	BK
74-87-3	Chloromethane	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 15:41	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 15:41	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 15:41	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.39	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 15:41	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.35	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 15:41	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.25	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 15:41	BK

Sample Information

Client Sample ID: **MW-11R** **York Sample ID:** **13F0521-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0521	3015670-0015 MOTT HAVEN H.S.	Water	June 15, 2013 11:20 am	06/17/2013

Volatile Organics, TCL (Target Compound List) **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/L	0.63	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 15:41	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.53	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 15:41	BK
75-09-2	**Methylene chloride**	**25**		ug/L	2.4	10	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 15:41	BK
91-20-3	Naphthalene	ND		ug/L	1.2	10	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 15:41	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.30	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 15:41	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.54	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 15:41	BK
95-47-6	o-Xylene	ND		ug/L	0.21	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 15:41	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.53	10	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 15:41	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 15:41	BK
100-42-5	Styrene	ND		ug/L	0.22	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 15:41	BK
98-06-6	tert-Butylbenzene	ND		ug/L	1.4	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 15:41	BK
127-18-4	**Tetrachloroethylene**	**1.4**	J	ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 15:41	BK
108-88-3	Toluene	ND		ug/L	0.17	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 15:41	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 15:41	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.67	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 15:41	BK
79-01-6	Trichloroethylene	ND		ug/L	0.16	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 15:41	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 15:41	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.68	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 15:41	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.55	15	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 15:41	BK

Sample Information

Client Sample ID: **MW-5R** **York Sample ID:** **13F0521-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0521	3015670-0015 MOTT HAVEN H.S.	Water	June 15, 2013 12:30 pm	06/17/2013

Volatile Organics, TCL (Target Compound List) **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.23	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 16:21	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.59	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 16:21	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.34	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 16:21	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 16:21	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.42	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 16:21	BK

Sample Information

Client Sample ID: **MW-5R** **York Sample ID:** **13F0521-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0521	3015670-0015 MOTT HAVEN H.S.	Water	June 15, 2013 12:30 pm	06/17/2013

Volatile Organics, TCL (Target Compound List) **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 16:21	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.91	10	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 16:21	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 16:21	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.98	10	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 16:21	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.44	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 16:21	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.36	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 16:21	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.23	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 16:21	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.48	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 16:21	BK
78-93-3	2-Butanone	ND		ug/L	1.5	10	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 16:21	BK
591-78-6	2-Hexanone	ND		ug/L	1.1	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 16:21	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.86	10	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 16:21	BK
67-64-1	**Acetone**	**7.7**	J	ug/L	6.1	10	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 16:21	BK
71-43-2	Benzene	ND		ug/L	0.30	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 16:21	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 16:21	BK
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 16:21	BK
74-83-9	Bromomethane	ND		ug/L	2.0	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 16:21	BK
75-15-0	Carbon disulfide	ND		ug/L	0.51	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 16:21	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.56	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 16:21	BK
108-90-7	Chlorobenzene	ND		ug/L	0.38	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 16:21	BK
75-00-3	Chloroethane	ND		ug/L	2.8	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 16:21	BK
67-66-3	Chloroform	ND		ug/L	0.42	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 16:21	BK
74-87-3	Chloromethane	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 16:21	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 16:21	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 16:21	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.39	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 16:21	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.35	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 16:21	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.25	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 16:21	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.63	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 16:21	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.53	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 16:21	BK
75-09-2	**Methylene chloride**	**29**		ug/L	2.4	10	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 16:21	BK
91-20-3	Naphthalene	ND		ug/L	1.2	10	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 16:21	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.30	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 16:21	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.54	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 16:21	BK

Sample Information

Client Sample ID: **MW-5R** **York Sample ID:** **13F0521-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0521	3015670-0015 MOTT HAVEN H.S.	Water	June 15, 2013 12:30 pm	06/17/2013

Volatile Organics, TCL (Target Compound List) **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-47-6	o-Xylene	ND		ug/L	0.21	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 16:21	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.53	10	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 16:21	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 16:21	BK
100-42-5	Styrene	ND		ug/L	0.22	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 16:21	BK
98-06-6	tert-Butylbenzene	ND		ug/L	1.4	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 16:21	BK
127-18-4	**Tetrachloroethylene**	**2.2**	J	ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 16:21	BK
108-88-3	Toluene	ND		ug/L	0.17	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 16:21	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 16:21	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.67	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 16:21	BK
79-01-6	Trichloroethylene	ND		ug/L	0.16	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 16:21	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 16:21	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.68	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 16:21	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.55	15	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 16:21	BK

Sample Information

Client Sample ID: **MW-3R** **York Sample ID:** **13F0521-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0521	3015670-0015 MOTT HAVEN H.S.	Water	June 15, 2013 1:13 pm	06/17/2013

Volatile Organics, TCL (Target Compound List) **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.23	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:02	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.59	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:02	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.34	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:02	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:02	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.42	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:02	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:02	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.91	10	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:02	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:02	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.98	10	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:02	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.44	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:02	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.36	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:02	BK

Sample Information

Client Sample ID: **MW-3R** **York Sample ID:** **13F0521-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0521	3015670-0015 MOTT HAVEN H.S.	Water	June 15, 2013 1:13 pm	06/17/2013

Volatile Organics, TCL (Target Compound List) **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-87-5	1,2-Dichloropropane	ND		ug/L	0.23	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:02	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.48	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:02	BK
78-93-3	2-Butanone	ND		ug/L	1.5	10	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:02	BK
591-78-6	2-Hexanone	ND		ug/L	1.1	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:02	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.86	10	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:02	BK
67-64-1	Acetone	ND		ug/L	6.1	10	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:02	BK
71-43-2	Benzene	ND		ug/L	0.30	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:02	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:02	BK
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:02	BK
74-83-9	Bromomethane	ND		ug/L	2.0	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:02	BK
75-15-0	Carbon disulfide	ND		ug/L	0.51	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:02	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.56	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:02	BK
108-90-7	Chlorobenzene	ND		ug/L	0.38	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:02	BK
75-00-3	Chloroethane	ND		ug/L	2.8	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:02	BK
67-66-3	Chloroform	ND		ug/L	0.42	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:02	BK
74-87-3	Chloromethane	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:02	BK
156-59-2	**cis-1,2-Dichloroethylene**	**1.3**	J	ug/L	0.43	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:02	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:02	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.39	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:02	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.35	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:02	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.25	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:02	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.63	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:02	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.53	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:02	BK
75-09-2	**Methylene chloride**	**29**		ug/L	2.4	10	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:02	BK
91-20-3	Naphthalene	ND		ug/L	1.2	10	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:02	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.30	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:02	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.54	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:02	BK
95-47-6	o-Xylene	ND		ug/L	0.21	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:02	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.53	10	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:02	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:02	BK
100-42-5	Styrene	ND		ug/L	0.22	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:02	BK
98-06-6	tert-Butylbenzene	ND		ug/L	1.4	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:02	BK
127-18-4	**Tetrachloroethylene**	**3.6**	J	ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:02	BK

Sample Information

Client Sample ID: MW-3R

York Sample ID: 13F0521-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0521	3015670-0015 MOTT HAVEN H.S.	Water	June 15, 2013 1:13 pm	06/17/2013

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	Toluene	ND		ug/L	0.17	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:02	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:02	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.67	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:02	BK
79-01-6	Trichloroethylene	ND		ug/L	0.16	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:02	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:02	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.68	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:02	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.55	15	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:02	BK

Sample Information

Client Sample ID: MW-25

York Sample ID: 13F0521-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0521	3015670-0015 MOTT HAVEN H.S.	Water	June 15, 2013 1:41 pm	06/17/2013

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.23	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:43	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.59	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:43	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.34	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:43	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:43	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.42	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:43	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:43	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.91	10	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:43	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:43	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.98	10	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:43	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.44	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:43	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.36	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:43	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.23	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:43	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.48	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:43	BK
78-93-3	2-Butanone	ND		ug/L	1.5	10	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:43	BK
591-78-6	2-Hexanone	ND		ug/L	1.1	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:43	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.86	10	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:43	BK
67-64-1	Acetone	ND		ug/L	6.1	10	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:43	BK

Sample Information

Client Sample ID: **MW-25** **York Sample ID:** **13F0521-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0521	3015670-0015 MOTT HAVEN H.S.	Water	June 15, 2013 1:41 pm	06/17/2013

Volatile Organics, TCL (Target Compound List) **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/L	0.30	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:43	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:43	BK
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:43	BK
74-83-9	Bromomethane	ND		ug/L	2.0	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:43	BK
75-15-0	Carbon disulfide	ND		ug/L	0.51	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:43	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.56	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:43	BK
108-90-7	Chlorobenzene	ND		ug/L	0.38	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:43	BK
75-00-3	Chloroethane	ND		ug/L	2.8	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:43	BK
67-66-3	Chloroform	ND		ug/L	0.42	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:43	BK
74-87-3	Chloromethane	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:43	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:43	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:43	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.39	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:43	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.35	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:43	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.25	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:43	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.63	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:43	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.53	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:43	BK
75-09-2	**Methylene chloride**	**31**		ug/L	2.4	10	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:43	BK
91-20-3	Naphthalene	ND		ug/L	1.2	10	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:43	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.30	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:43	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.54	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:43	BK
95-47-6	o-Xylene	ND		ug/L	0.21	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:43	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.53	10	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:43	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:43	BK
100-42-5	Styrene	ND		ug/L	0.22	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:43	BK
98-06-6	tert-Butylbenzene	ND		ug/L	1.4	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:43	BK
127-18-4	**Tetrachloroethylene**	**2.2**	J	ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:43	BK
108-88-3	Toluene	ND		ug/L	0.17	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:43	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:43	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.67	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:43	BK
79-01-6	Trichloroethylene	ND		ug/L	0.16	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:43	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:43	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.68	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:43	BK

Sample Information

Client Sample ID: **MW-25** **York Sample ID:** **13F0521-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0521	3015670-0015 MOTT HAVEN H.S.	Water	June 15, 2013 1:41 pm	06/17/2013

Volatile Organics, TCL (Target Compound List) **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	ND		ug/L	0.55	15	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 17:43	BK

Sample Information

Client Sample ID: **MW-23** **York Sample ID:** **13F0521-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0521	3015670-0015 MOTT HAVEN H.S.	Water	June 15, 2013 2:16 pm	06/17/2013

Volatile Organics, TCL (Target Compound List) **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.23	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 18:24	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.59	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 18:24	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.34	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 18:24	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 18:24	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.42	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 18:24	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 18:24	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.91	10	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 18:24	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 18:24	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.98	10	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 18:24	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.44	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 18:24	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.36	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 18:24	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.23	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 18:24	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.48	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 18:24	BK
78-93-3	2-Butanone	ND		ug/L	1.5	10	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 18:24	BK
591-78-6	2-Hexanone	ND		ug/L	1.1	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 18:24	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.86	10	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 18:24	BK
67-64-1	**Acetone**	**6.6**	J	ug/L	6.1	10	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 18:24	BK
71-43-2	Benzene	ND		ug/L	0.30	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 18:24	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 18:24	BK
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 18:24	BK
74-83-9	Bromomethane	ND		ug/L	2.0	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 18:24	BK
75-15-0	Carbon disulfide	ND		ug/L	0.51	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 18:24	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.56	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 18:24	BK

Sample Information

Client Sample ID: **MW-23** **York Sample ID:** **13F0521-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0521	3015670-0015 MOTT HAVEN H.S.	Water	June 15, 2013 2:16 pm	06/17/2013

Volatile Organics, TCL (Target Compound List) **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/L	0.38	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 18:24	BK
75-00-3	Chloroethane	ND		ug/L	2.8	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 18:24	BK
67-66-3	Chloroform	ND		ug/L	0.42	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 18:24	BK
74-87-3	Chloromethane	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 18:24	BK
156-59-2	**cis-1,2-Dichloroethylene**	**1.4**	J	ug/L	0.43	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 18:24	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 18:24	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.39	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 18:24	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.35	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 18:24	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.25	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 18:24	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.63	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 18:24	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.53	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 18:24	BK
75-09-2	**Methylene chloride**	**31**		ug/L	2.4	10	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 18:24	BK
91-20-3	Naphthalene	ND		ug/L	1.2	10	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 18:24	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.30	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 18:24	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.54	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 18:24	BK
95-47-6	o-Xylene	ND		ug/L	0.21	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 18:24	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.53	10	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 18:24	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 18:24	BK
100-42-5	Styrene	ND		ug/L	0.22	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 18:24	BK
98-06-6	tert-Butylbenzene	ND		ug/L	1.4	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 18:24	BK
127-18-4	**Tetrachloroethylene**	**2.3**	J	ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 18:24	BK
108-88-3	Toluene	ND		ug/L	0.17	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 18:24	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 18:24	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.67	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 18:24	BK
79-01-6	Trichloroethylene	ND		ug/L	0.16	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 18:24	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 18:24	BK
75-01-4	**Vinyl Chloride**	**1.4**	J	ug/L	0.68	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 18:24	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.55	15	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/19/2013 18:24	BK

Sample Information

Client Sample ID: **MW-26R** **York Sample ID:** **13F0521-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0521	3015670-0015 MOTT HAVEN H.S.	Water	June 15, 2013 3:09 pm	06/17/2013

Sample Information

Client Sample ID: **MW-26R** **York Sample ID:** **13F0521-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0521	3015670-0015 MOTT HAVEN H.S.	Water	June 15, 2013 3:09 pm	06/17/2013

Volatile Organics, TCL (Target Compound List) **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.23	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:21	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.59	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:21	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.34	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:21	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:21	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.42	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:21	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:21	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.91	10	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:21	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:21	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.98	10	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:21	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.44	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:21	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.36	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:21	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.23	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:21	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.48	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:21	SS
78-93-3	2-Butanone	ND		ug/L	1.5	10	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:21	SS
591-78-6	2-Hexanone	ND		ug/L	1.1	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:21	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.86	10	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:21	SS
67-64-1	Acetone	ND		ug/L	6.1	10	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:21	SS
71-43-2	Benzene	ND		ug/L	0.30	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:21	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:21	SS
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:21	SS
74-83-9	Bromomethane	ND		ug/L	2.0	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:21	SS
75-15-0	Carbon disulfide	ND		ug/L	0.51	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:21	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.56	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:21	SS
108-90-7	Chlorobenzene	ND		ug/L	0.38	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:21	SS
75-00-3	Chloroethane	ND		ug/L	2.8	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:21	SS
67-66-3	Chloroform	ND		ug/L	0.42	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:21	SS
74-87-3	Chloromethane	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:21	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:21	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:21	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.39	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:21	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.35	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:21	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.25	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:21	SS

Sample Information

Client Sample ID: **MW-26R** **York Sample ID:** **13F0521-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0521	3015670-0015 MOTT HAVEN H.S.	Water	June 15, 2013 3:09 pm	06/17/2013

Volatile Organics, TCL (Target Compound List) **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/L	0.63	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:21	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.53	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:21	SS
75-09-2	**Methylene chloride**	**26**		ug/L	2.4	10	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:21	SS
91-20-3	**Naphthalene**	**8.3**	J	ug/L	1.2	10	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:21	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.30	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:21	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.54	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:21	SS
95-47-6	o-Xylene	ND		ug/L	0.21	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:21	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.53	10	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:21	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:21	SS
100-42-5	Styrene	ND		ug/L	0.22	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:21	SS
98-06-6	tert-Butylbenzene	ND		ug/L	1.4	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:21	SS
127-18-4	**Tetrachloroethylene**	**4.0**	J	ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:21	SS
108-88-3	Toluene	ND		ug/L	0.17	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:21	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:21	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.67	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:21	SS
79-01-6	Trichloroethylene	ND		ug/L	0.16	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:21	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:21	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.68	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:21	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.55	15	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:21	SS

Sample Information

Client Sample ID: **MW-24** **York Sample ID:** **13F0521-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0521	3015670-0015 MOTT HAVEN H.S.	Water	June 15, 2013 3:53 pm	06/17/2013

Volatile Organics, TCL (Target Compound List) **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.23	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:57	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.59	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:57	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.34	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:57	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:57	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.42	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:57	SS

Sample Information

Client Sample ID: **MW-24** **York Sample ID:** **13F0521-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0521	3015670-0015 MOTT HAVEN H.S.	Water	June 15, 2013 3:53 pm	06/17/2013

Volatile Organics, TCL (Target Compound List) **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:57	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.91	10	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:57	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:57	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.98	10	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:57	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.44	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:57	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.36	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:57	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.23	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:57	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.48	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:57	SS
78-93-3	2-Butanone	ND		ug/L	1.5	10	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:57	SS
591-78-6	2-Hexanone	ND		ug/L	1.1	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:57	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.86	10	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:57	SS
67-64-1	Acetone	ND		ug/L	6.1	10	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:57	SS
71-43-2	Benzene	ND		ug/L	0.30	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:57	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:57	SS
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:57	SS
74-83-9	Bromomethane	ND		ug/L	2.0	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:57	SS
75-15-0	Carbon disulfide	ND		ug/L	0.51	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:57	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.56	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:57	SS
108-90-7	Chlorobenzene	ND		ug/L	0.38	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:57	SS
75-00-3	Chloroethane	ND		ug/L	2.8	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:57	SS
67-66-3	Chloroform	ND		ug/L	0.42	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:57	SS
74-87-3	Chloromethane	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:57	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:57	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:57	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.39	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:57	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.35	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:57	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.25	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:57	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.63	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:57	SS
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**1.2**	J	ug/L	0.53	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:57	SS
75-09-2	**Methylene chloride**	**26**		ug/L	2.4	10	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:57	SS
91-20-3	**Naphthalene**	**1.2**	J	ug/L	1.2	10	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:57	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.30	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:57	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.54	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:57	SS

Sample Information

Client Sample ID: **MW-24** **York Sample ID:** **13F0521-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0521	3015670-0015 MOTT HAVEN H.S.	Water	June 15, 2013 3:53 pm	06/17/2013

Volatile Organics, TCL (Target Compound List) **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-47-6	o-Xylene	ND		ug/L	0.21	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:57	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.53	10	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:57	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:57	SS
100-42-5	Styrene	ND		ug/L	0.22	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:57	SS
98-06-6	tert-Butylbenzene	ND		ug/L	1.4	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:57	SS
127-18-4	**Tetrachloroethylene**	**7.3**		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:57	SS
108-88-3	Toluene	ND		ug/L	0.17	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:57	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:57	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.67	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:57	SS
79-01-6	Trichloroethylene	ND		ug/L	0.16	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:57	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:57	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.68	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:57	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.55	15	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 00:57	SS

Sample Information

Client Sample ID: **FIELD DUP.** **York Sample ID:** **13F0521-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0521	3015670-0015 MOTT HAVEN H.S.	Water	June 15, 2013 3:00 pm	06/17/2013

Volatile Organics, TCL (Target Compound List) **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.23	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 01:32	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.59	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 01:32	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.34	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 01:32	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 01:32	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.42	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 01:32	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 01:32	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.91	10	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 01:32	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 01:32	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.98	10	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 01:32	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.44	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 01:32	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.36	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 01:32	SS

Sample Information

Client Sample ID: **FIELD DUP.** **York Sample ID:** **13F0521-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0521	3015670-0015 MOTT HAVEN H.S.	Water	June 15, 2013 3:00 pm	06/17/2013

Volatile Organics, TCL (Target Compound List) **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-87-5	1,2-Dichloropropane	ND		ug/L	0.23	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 01:32	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.48	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 01:32	SS
78-93-3	2-Butanone	ND		ug/L	1.5	10	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 01:32	SS
591-78-6	2-Hexanone	ND		ug/L	1.1	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 01:32	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.86	10	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 01:32	SS
67-64-1	Acetone	ND		ug/L	6.1	10	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 01:32	SS
71-43-2	Benzene	ND		ug/L	0.30	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 01:32	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 01:32	SS
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 01:32	SS
74-83-9	Bromomethane	ND		ug/L	2.0	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 01:32	SS
75-15-0	Carbon disulfide	ND		ug/L	0.51	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 01:32	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.56	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 01:32	SS
108-90-7	Chlorobenzene	ND		ug/L	0.38	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 01:32	SS
75-00-3	Chloroethane	ND		ug/L	2.8	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 01:32	SS
67-66-3	Chloroform	ND		ug/L	0.42	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 01:32	SS
74-87-3	Chloromethane	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 01:32	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 01:32	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 01:32	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.39	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 01:32	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.35	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 01:32	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.25	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 01:32	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.63	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 01:32	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.53	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 01:32	SS
75-09-2	**Methylene chloride**	**25**		ug/L	2.4	10	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 01:32	SS
91-20-3	Naphthalene	ND		ug/L	1.2	10	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 01:32	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.30	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 01:32	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.54	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 01:32	SS
95-47-6	o-Xylene	ND		ug/L	0.21	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 01:32	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.53	10	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 01:32	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 01:32	SS
100-42-5	Styrene	ND		ug/L	0.22	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 01:32	SS
98-06-6	tert-Butylbenzene	ND		ug/L	1.4	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 01:32	SS
127-18-4	**Tetrachloroethylene**	**2.3**	J	ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 01:32	SS

Sample Information

Client Sample ID: **FIELD DUP.** **York Sample ID:** **13F0521-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0521	3015670-0015 MOTT HAVEN H.S.	Water	June 15, 2013 3:00 pm	06/17/2013

Volatile Organics, TCL (Target Compound List) **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	Toluene	ND		ug/L	0.17	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 01:32	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 01:32	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.67	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 01:32	SS
79-01-6	Trichloroethylene	ND		ug/L	0.16	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 01:32	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 01:32	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.68	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 01:32	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.55	15	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 01:32	SS

Sample Information

Client Sample ID: **TRIP BLANK** **York Sample ID:** **13F0521-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0521	3015670-0015 MOTT HAVEN H.S.	Water	June 15, 2013 3:00 pm	06/17/2013

Volatile Organics, TCL (Target Compound List) **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.23	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 02:07	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.59	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 02:07	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.34	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 02:07	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 02:07	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.42	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 02:07	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 02:07	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.91	10	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 02:07	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 02:07	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.98	10	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 02:07	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.44	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 02:07	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.36	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 02:07	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.23	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 02:07	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.48	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 02:07	SS
78-93-3	2-Butanone	ND		ug/L	1.5	10	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 02:07	SS
591-78-6	2-Hexanone	ND		ug/L	1.1	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 02:07	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.86	10	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 02:07	SS
67-64-1	Acetone	ND		ug/L	6.1	10	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 02:07	SS

Sample Information

Client Sample ID: **TRIP BLANK** **York Sample ID:** **13F0521-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0521	3015670-0015 MOTT HAVEN H.S.	Water	June 15, 2013 3:00 pm	06/17/2013

Volatile Organics, TCL (Target Compound List) **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/L	0.30	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 02:07	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 02:07	SS
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 02:07	SS
74-83-9	Bromomethane	ND		ug/L	2.0	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 02:07	SS
75-15-0	Carbon disulfide	ND		ug/L	0.51	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 02:07	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.56	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 02:07	SS
108-90-7	Chlorobenzene	ND		ug/L	0.38	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 02:07	SS
75-00-3	Chloroethane	ND		ug/L	2.8	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 02:07	SS
67-66-3	Chloroform	ND		ug/L	0.42	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 02:07	SS
74-87-3	Chloromethane	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 02:07	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 02:07	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 02:07	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.39	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 02:07	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.35	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 02:07	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.25	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 02:07	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.63	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 02:07	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.53	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 02:07	SS
75-09-2	**Methylene chloride**	**24**		ug/L	2.4	10	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 02:07	SS
91-20-3	Naphthalene	ND		ug/L	1.2	10	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 02:07	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.30	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 02:07	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.54	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 02:07	SS
95-47-6	o-Xylene	ND		ug/L	0.21	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 02:07	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.53	10	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 02:07	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 02:07	SS
100-42-5	Styrene	ND		ug/L	0.22	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 02:07	SS
98-06-6	tert-Butylbenzene	ND		ug/L	1.4	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 02:07	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 02:07	SS
108-88-3	Toluene	ND		ug/L	0.17	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 02:07	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 02:07	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.67	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 02:07	SS
79-01-6	Trichloroethylene	ND		ug/L	0.16	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 02:07	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 02:07	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.68	5.0	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 02:07	SS

Sample Information

Client Sample ID: **TRIP BLANK** **York Sample ID:** **13F0521-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0521	3015670-0015 MOTT HAVEN H.S.	Water	June 15, 2013 3:00 pm	06/17/2013

Volatile Organics, TCL (Target Compound List) **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	ND		ug/L	0.55	15	1	EPA SW846-8260B/EPA 624	06/18/2013 15:30	06/20/2013 02:07	SS

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
13F0521-01	MW-11R	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0521-02	MW-5R	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0521-03	MW-3R	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0521-04	MW-25	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0521-05	MW-23	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0521-06	MW-26R	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0521-07	MW-24	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0521-10	FIELD DUP.	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0521-11	TRIP BLANK	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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); therefore, the result is an estimated concentration.
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.

ND	Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
MDL	METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.
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 MDL, with values between the MDL and the RL being "J" flagged as estimated results.

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

Field Chain-of-Custody Record

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

York Project No. 13F0521

YOUR Information

Company: STV INC.
Address: 225 PARK AVE SOUTH
Phone No. 914-400-5205
Contact Person: MICHAEL SHERWOOD
E-Mail Address: michaelrsherwood@gmail.com

Report To:

Company:
Address: SAME
Phone No.
Attention:
E-Mail Address:

Invoice To:

Company:
Address: SAME
Phone No.
Attention:
E-Mail Address:

YOUR Project ID

3015670-0015
MOTT HAVEN H.S.

Purchase Order No.

Samples from: CT___ NY ✓ NJ___

Turn-Around Time

- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) ✓

Report Type

- Summary Report
- Summary w/ QA Summary
- CT RCP Package
- CTRCP DQA/DUE Pkg
- NY ASP A Package
- NY ASP B Package
- NJDEP Red. Deliv.

Electronic Data Deliverables (EDD)

- Simple Excel
- NYSDEC EQuIS ✓
- EQuIS (std)
- EZ-EDD (EQuIS)
- NJDEP SRP HazSite EDD
- GIS/KEY (std)
- Other
- **York Regulatory Comparison**
- **Excel Spreadsheet**

Compare to the following Regs. (please fill in): EDD COMPARISON TO CLASS GA Values

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

Samples Collected/Authorized By (Signature)

Name (printed)

Matrix Codes

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

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxin/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Choose Analyses Needed from the Menu Above and Enter Below

Sample Identification	Date/Time Sampled		Sample Matrix	Analyses	Container Description(s)
MW-11R	6/15/13	11:20	GW	TCL VOCs (EPA Method 8260) No TICS + MTBE	40 mL VOAs-2
MW-5R		12:30			
MW-3R		13:13			
MW-25		13:41			
MW-23		14:16			
MW-26R		15:09			
MW-24		15:53			
MS (MW-26R)		15:05			
MSD (MW-26R)		15:07			
FIELD DUP.		—			

Preservation Check those Applicable: 4°C ✓ Frozen___ HCl ✓ MeOH___ HNO_3___ H_2SO_4___ NaOH___ ZnAc___ Ascorbic Acid___ Other

Special Instructions: Field Filtered ☐ Lab to Filter ☐

Comments: EDD FORMAT COMPARISON TO CLASS GA VALUES IN EQUIS FORMAT

Samples Relinquished By: [signature] Date/Time: 6/17/13 9:20

Samples Received By: K Barber Date/Time: 6/17/13 9:20 am

Samples Relinquished By: Date/Time:

Samples Received in LAB by: [signature] Date/Time: 6/17/13 - 1600

Temperature on Receipt: 4.3 °C

MTBE

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

Field Chain-of-Custody Record

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

York Project No. 13F0521

YOUR Information

Company: STV INC.
Address: 225 PARK AVE SOUTH
Phone No. 914-400-5205
Contact Person: MICHAEL SHERWOOD
E-Mail Address: michaelrsherwood@gmail.com

Report To:

Company:
Address: SAME
Phone No.
Attention:
E-Mail Address:

Invoice To:

Company:
Address: SAME
Phone No.
Attention:
E-Mail Address:

YOUR Project ID

3015670-0015
MOTHAVEN HS

Purchase Order No.

Samples from: CT___ NY ✓ NJ___

Turn-Around Time

- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) ☑

Report Type

- Summary Report
- Summary w/ QA Summary
- CT RCP Package
- CTRCP DQA/DUE Pkg
- NY ASP A Package
- NY ASP B Package
- NJDEP Red. Deliv.

Electronic Data Deliverables (EDD)

- Simple Excel
- NYSDEC EQuIS ✓
- EQuIS (std)
- EZ-EDD (EQuIS)
- NJDEP SRP HazSite EDD
- GIS/KEY (std)
- Other
- York Regulatory Comparison
- Excel Spreadsheet

Compare to the following Regs. (please fill in): EDD COMPARISON TO CLASS GA VALUES

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

Samples Collected/Authorized By (Signature)

Name (printed)

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

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part360-Expanded No Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indic. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
TRIP BLANK	6/15/13 —	AQ	TCL VOCs (EPA METHOD 8260) NO TICS + MTBE	40mL VOAs - 2

Comments
EDD COMPARISON
TO CLASS GA VALUES
IN EQUIS FORMAT

Preservation
Check those Applicable
4°C ✓ Frozen___ HCl ✓ MeOH___ HNO_3___ H_2SO_4___ NaOH___
ZnAc Ascorbic Acid Other

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By — Date/Time 6/17/13 9:20 Am
Samples Received By — Date/Time 6/17/13 9:20
Samples Relinquished By — Date/Time
Samples Received in LAB by — Date/Time 6/17/13-1600

Temperature on Receipt 4.2 °C

MTBE

APPENDIX C

NEW YORK
state department of
HEALTH

Nirav R. Shah, M.D., M.P.H.
Commissioner

Sue Kelly
Executive Deputy Commissioner

LAB ID: 10854

April 01, 2013

MR. ROBERT Q. BRADLEY
YORK ANALYTICAL LABORATORIES INC
120 RESEARCH DRIVE
STRATFORD, CT 06615

Certificate Expiration Date:
April 01, 2014

Dear Mr. Bradley,

Enclosed are Certificate(s) of Approval issued to your environmental laboratory for the current permit year. The Certificate(s) supersede(s) any previously issued one(s) and is(are) in effect through the expiration date listed. Please carefully examine the Certificate(s) to insure that the categories, subcategories, analytes, and methods for which your laboratory is approved are correct. In addition, verify that your laboratory's name, address, lead technical director, and identification number are accurate.

Pursuant to NYCRR Subpart 55-2.2, original certificates must be posted conspicuously in the laboratory and copies shall be made available to any client of the laboratory upon request.

Pursuant to NYCRR Subpart 55-2.6, any misrepresentation of the Fields of Accreditation (Matrix - Method - Analyte) for which your laboratory is approved may result in denial, suspension, or revocation of your certification. Any use of the Environmental Laboratory Approval Program (ELAP) or National Environmental Laboratory Accreditation Program (NELAP) name, reference to the laboratory's approval status, and/or using the NELAP logo in any catalogs, advertising, business solicitations, proposals, quotations, laboratory analytical reports, or other materials must include the laboratory's ELAP identification number and distinguish between testing for which the laboratory is approved and testing for which the laboratory is not approved.

If you have any questions, please contact ELAP at the New York State Department of Health (NYS DOH), Wadsworth Center, PO Box 509, Albany NY, 12201-0509; by phone at (518) 485-5570; by facsimile at (518) 485-5568; and by email at elap@health.state.ny.us.

Sincerely,

Stephanie E. Ostrowski

STEPHANIE OSTROWSKI, PH.D.
Program Director
Environmental Laboratory Approval Program

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

Expires 12:01 AM April 01, 2014
Issued April 01, 2013

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. ROBERT Q. BRADLEY
YORK ANALYTICAL LABORATORIES INC
120 RESEARCH DRIVE
STRATFORD, CT 06615

NY Lab Id No: 10854

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2003) for the category ENVIRONMENTAL ANALYSES POTABLE WATER
All approved analytes are listed below:

Drinking Water Metals I

Arsenic, Total	EPA 200.8 Rev. 5.4
Barium, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
Cadmium, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
Chromium, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
Copper, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
Iron, Total	EPA 200.7 Rev. 4.4
	SM 18-19, 21 3113B (99 & 04)
Lead, Total	EPA 200.8 Rev. 5.4
Manganese, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
Mercury, Total	EPA 245.1 Rev. 3.0
Selenium, Total	EPA 200.8 Rev. 5.4
Silver, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
Zinc, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4

Drinking Water Metals II

Aluminum, Total	EPA 200.8 Rev. 5.4
Antimony, Total	EPA 200.8 Rev. 5.4
Beryllium, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4

Drinking Water Metals II

Molybdenum, Total	EPA 200.8 Rev. 5.4
Nickel, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
Thallium, Total	EPA 200.8 Rev. 5.4
Vanadium, Total	EPA 200.8 Rev. 5.4

Drinking Water Metals III

Sodium, Total	EPA 200.7 Rev. 4.4

Drinking Water Non-Metals

Alkalinity	SM 18-21 2320B (97)
Calcium Hardness	EPA 200.7 Rev. 4.4
Color	SM 18-21 2120B (01)
Fluoride, Total	EPA 300.0 Rev. 2.1
Nitrate (as N)	EPA 300.0 Rev. 2.1
Nitrite (as N)	EPA 300.0 Rev. 2.1
Solids, Total Dissolved	SM 18-21 2540C (97)
Sulfate (as SO4)	EPA 300.0 Rev. 2.1

Drinking Water Trihalomethanes

Bromodichloromethane	EPA 524.2
Bromoform	EPA 524.2
Chloroform	EPA 524.2
Dibromochloromethane	EPA 524.2

Fuel Additives

Methyl tert-butyl ether	EPA 524.2

Serial No.: 48420

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NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

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All approved analytes are listed below:

Volatile Aromatics

1,2,3-Trichlorobenzene	EPA 524.2
1,2,4-Trichlorobenzene	EPA 524.2
1,2,4-Trimethylbenzene	EPA 524.2
1,2-Dichlorobenzene	EPA 524.2
1,3,5-Trimethylbenzene	EPA 524.2
1,3-Dichlorobenzene	EPA 524.2
1,4-Dichlorobenzene	EPA 524.2
2-Chlorotoluene	EPA 524.2
4-Chlorotoluene	EPA 524.2
Benzene	EPA 524.2
Bromobenzene	EPA 524.2
Chlorobenzene	EPA 524.2
Ethyl benzene	EPA 524.2
Hexachlorobutadiene	EPA 524.2
Isopropylbenzene	EPA 524.2
n-Butylbenzene	EPA 524.2
n-Propylbenzene	EPA 524.2
p-isopropyltoluene (P-Cymene)	EPA 524.2
sec-Butylbenzene	EPA 524.2
Styrene	EPA 524.2
tert-Butylbenzene	EPA 524.2
Toluene	EPA 524.2
Total Xylenes	EPA 524.2

Volatile Halocarbons

1,1,1,2-Tetrachloroethane	EPA 524.2

Volatile Halocarbons

1,1,1-Trichloroethane	EPA 524.2
1,1,2,2-Tetrachloroethane	EPA 524.2
1,1,2-Trichloroethane	EPA 524.2
1,1-Dichloroethane	EPA 524.2
1,1-Dichloroethene	EPA 524.2
1,1-Dichloropropene	EPA 524.2
1,2,3-Trichloropropane	EPA 524.2
1,2-Dichloroethane	EPA 524.2
1,2-Dichloropropane	EPA 524.2
1,3-Dichloropropane	EPA 524.2
2,2-Dichloropropane	EPA 524.2
Bromochloromethane	EPA 524.2
Bromomethane	EPA 524.2
Carbon tetrachloride	EPA 524.2
Chloroethane	EPA 524.2
Chloromethane	EPA 524.2
cis-1,2-Dichloroethene	EPA 524.2
cis-1,3-Dichloropropene	EPA 524.2
Dibromomethane	EPA 524.2
Dichlorodifluoromethane	EPA 524.2
Tetrachloroethene	EPA 524.2
trans-1,2-Dichloroethene	EPA 524.2
trans-1,3-Dichloropropene	EPA 524.2
Trichloroethene	EPA 524.2
Trichlorofluoromethane	EPA 524.2
Vinyl chloride	EPA 524.2

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All approved analytes are listed below:

Acrylates

Acrolein (Propenal)	EPA 8260B
Acrylonitrile	EPA 8260B

Amines

Pyridine	EPA 8270C

Benzidines

3,3'-Dichlorobenzidine	EPA 625
	EPA 8270C
	EPA 8270D
Benzidine	EPA 625
	EPA 8270C

Chlorinated Hydrocarbon Pesticides

4,4'-DDD	EPA 608
	EPA 8081A
4,4'-DDE	EPA 608
	EPA 8081A
4,4'-DDT	EPA 608
	EPA 8081A
Aldrin	EPA 608
	EPA 8081A
alpha-BHC	EPA 608
	EPA 8081A
beta-BHC	EPA 608
	EPA 8081A
Chlordane Total	EPA 608

Chlorinated Hydrocarbon Pesticides

Chlordane Total	EPA 8081A
delta-BHC	EPA 608
	EPA 8081A
Dieldrin	EPA 608
	EPA 8081A
Endosulfan I	EPA 608
	EPA 8081A
Endosulfan II	EPA 608
	EPA 8081A
Endosulfan sulfate	EPA 608
	EPA 8081A
Endrin	EPA 608
	EPA 8081A
Endrin aldehyde	EPA 608
	EPA 8081A
Heptachlor	EPA 608
	EPA 8081A
Heptachlor epoxide	EPA 608
	EPA 8081A
Lindane	EPA 608
	EPA 8081A
Methoxychlor	EPA 608
	EPA 8081A
Toxaphene	EPA 608
	EPA 8081A

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Chlorinated Hydrocarbons

1,2,4,5-Tetrachlorobenzene	EPA 8270D
1,2,4-Trichlorobenzene	EPA 625
	EPA 8270C
	EPA 8270D
2-Chloronaphthalene	EPA 625
	EPA 8270C
	EPA 8270D
Hexachlorobenzene	EPA 625
	EPA 8270C
	EPA 8270D
Hexachlorobutadiene	EPA 625
	EPA 8270C
	EPA 8270D
Hexachlorocyclopentadiene	EPA 625
	EPA 8270C
	EPA 8270D
Hexachloroethane	EPA 625
	EPA 8270C
	EPA 8270D

Chlorophenoxy Acid Pesticides

2,4,5-T	EPA 8151A
2,4,5-TP (Silvex)	EPA 8151A
2,4-D	EPA 8151A
Dicamba	EPA 8151A

Demand

Biochemical Oxygen Demand	SM 18-21 5210B (01)
Carbonaceous BOD	SM 18-21 5210B (01)
Chemical Oxygen Demand	SM 18-21 5220D (97)

Fuel Oxygenates

Di-isopropyl ether	EPA 8260B
Ethanol	EPA 8260B
Methyl tert-butyl ether	EPA 8260B
tert-amyl alcohol	EPA 8260B
tert-amyl methyl ether (TAME)	EPA 8260B
tert-butyl alcohol	EPA 8260B
tert-butyl ethyl ether (ETBE)	EPA 8260B

Haloethers

4-Bromophenylphenyl ether	EPA 625
	EPA 8270C
	EPA 8270D
4-Chlorophenylphenyl ether	EPA 625
	EPA 8270C
	EPA 8270D
Bis(2-chloroethoxy)methane	EPA 625
	EPA 8270C
	EPA 8270D
Bis(2-chloroethyl)ether	EPA 625
	EPA 8270C
	EPA 8270D
Bis(2-chloroisopropyl) ether	EPA 625

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Haloethers

Bis(2-chloroisopropyl) ether	EPA 8270C
	EPA 8270D

Low Level Polynuclear Aromatics

Acenaphthene Low Level	EPA 8270D
Acenaphthylene Low Level	EPA 8270D
Anthracene Low Level	EPA 8270D
Benzo(a)anthracene Low Level	EPA 8270D
Benzo(a)pyrene Low Level	EPA 8270D
Benzo(b)fluoranthene Low Level	EPA 8270D
Benzo(g,h,i)perylene Low Level	EPA 8270D
Chrysene Low Level	EPA 8270D
Dibenzo(a,h)anthracene Low Level	EPA 8270D
Fluoranthene Low Level	EPA 8270D
Fluorene Low Level	EPA 8270D
Indeno(1,2,3-cd)pyrene Low Level	EPA 8270D
Naphthalene Low Level	EPA 8270D
Phenanthrene Low Level	EPA 8270D
Pyrene Low Level	EPA 8270D

Nitroaromatics and Isophorone

2,4-Dinitrotoluene	EPA 625
	EPA 8270C
	EPA 8270D
2,6-Dinitrotoluene	EPA 625
	EPA 8270C
	EPA 8270D

Nitroaromatics and Isophorone

Isophorone	EPA 625
	EPA 8270C
	EPA 8270D
Nitrobenzene	EPA 625
	EPA 8270C
	EPA 8270D

Nitrosoamines

N-Nitrosodimethylamine	EPA 8270D
N-Nitrosodi-n-propylamine	EPA 625
	EPA 8270C
	EPA 8270D
N-Nitrosodiphenylamine	EPA 625
	EPA 8270C
	EPA 8270D

Nutrient

Ammonia (as N)	SM 19-21 4500-NH3 D or E (97
Kjeldahl Nitrogen, Total	SM 19-21 4500-NH3 D or E (97
Nitrate (as N)	EPA 300.0 Rev. 2.1
Nitrite (as N)	EPA 300.0 Rev. 2.1
Orthophosphate (as P)	EPA 300.0 Rev. 2.1
Phosphorus, Total	SM 18-21 4500-P E

Petroleum Hydrocarbons

Diesel Range Organics	EPA 8015B
Gasoline Range Organics	EPA 8260B

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Phthalate Esters

Benzyl butyl phthalate	EPA 625
	EPA 8270C
	EPA 8270D
Bis(2-ethylhexyl) phthalate	EPA 625
	EPA 8270C
	EPA 8270D
Diethyl phthalate	EPA 625
	EPA 8270C
	EPA 8270D
Dimethyl phthalate	EPA 625
	EPA 8270C
	EPA 8270D
Di-n-butyl phthalate	EPA 625
	EPA 8270C
	EPA 8270D
Di-n-octyl phthalate	EPA 625
	EPA 8270C
	EPA 8270D

Polychlorinated Biphenyls

PCB-1016	EPA 608
	EPA 8082
PCB-1221	EPA 608
	EPA 8082
PCB-1232	EPA 608
	EPA 8082

Polychlorinated Biphenyls

PCB-1242	EPA 608
	EPA 8082
PCB-1248	EPA 608
	EPA 8082
PCB-1254	EPA 608
	EPA 8082
PCB-1260	EPA 608
	EPA 8082

Polynuclear Aromatics

Acenaphthene	EPA 625
	EPA 8270C
	EPA 8270D
Acenaphthylene	EPA 625
	EPA 8270C
	EPA 8270D
Anthracene	EPA 625
	EPA 8270C
	EPA 8270D
Benzo(a)anthracene	EPA 625
	EPA 8270C
	EPA 8270D
Benzo(a)pyrene	EPA 625
	EPA 8270C
	EPA 8270D
Benzo(b)fluoranthene	EPA 625

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Polynuclear Aromatics

Benzo(b)fluoranthene	EPA 8270C
	EPA 8270D
Benzo(ghi)perylene	EPA 625
	EPA 8270C
	EPA 8270D
Benzo(k)fluoranthene	EPA 625
	EPA 8270C
	EPA 8270D
Chrysene	EPA 625
	EPA 8270C
	EPA 8270D
Dibenzo(a,h)anthracene	EPA 625
	EPA 8270C
	EPA 8270D
Fluoranthene	EPA 625
	EPA 8270C
	EPA 8270D
Fluorene	EPA 625
	EPA 8270C
	EPA 8270D
Indeno(1,2,3-cd)pyrene	EPA 625
	EPA 8270C
	EPA 8270D
Naphthalene	EPA 625
	EPA 8270C
	EPA 8270D

Polynuclear Aromatics

Phenanthrene	EPA 625
	EPA 8270C
	EPA 8270D
Pyrene	EPA 625
	EPA 8270C
	EPA 8270D

Priority Pollutant Phenols

2,4,5-Trichlorophenol	EPA 625
	EPA 8270C
	EPA 8270D
2,4,6-Trichlorophenol	EPA 625
	EPA 8270C
	EPA 8270D
2,4-Dichlorophenol	EPA 625
	EPA 8270C
	EPA 8270D
2,4-Dimethylphenol	EPA 625
	EPA 8270C
	EPA 8270D
2,4-Dinitrophenol	EPA 625
	EPA 8270C
	EPA 8270D
2-Chlorophenol	EPA 625
	EPA 8270C
	EPA 8270D

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Priority Pollutant Phenols

2-Methyl-4,6-dinitrophenol	EPA 625
	EPA 8270C
	EPA 8270D
2-Methylphenol	EPA 8270D
2-Nitrophenol	EPA 625
	EPA 8270C
	EPA 8270D
4-Chloro-3-methylphenol	EPA 625
	EPA 8270C
	EPA 8270D
4-Methylphenol	EPA 8270D
4-Nitrophenol	EPA 625
	EPA 8270C
	EPA 8270D
Cresols, Total	EPA 8270C
	EPA 8270D
Pentachlorophenol	EPA 625
	EPA 8270C
	EPA 8270D
Phenol	EPA 625
	EPA 8270C
	EPA 8270D

Residue

Solids, Total	SM 18-21 2540B (97)
Solids, Total Dissolved	SM 18-21 2540C (97)

Residue

Solids, Total Suspended	SM 18-21 2540D (97)

Semi-Volatile Organics

1,2-Dichlorobenzene, Semi-volatile	EPA 8270C
	EPA 8270D
1,3-Dichlorobenzene, Semi-volatile	EPA 8270C
	EPA 8270D
1,4-Dichlorobenzene, Semi-volatile	EPA 8270C
	EPA 8270D
2-Methylnaphthalene	EPA 8270D
Benzyl alcohol	EPA 8270D
Dibenzofuran	EPA 8270D

Volatile Aromatics

1,2,4-Trichlorobenzene, Volatile	EPA 8260B
1,2,4-Trimethylbenzene	EPA 8260B
1,2-Dichlorobenzene	EPA 624
	EPA 8260B
1,3,5-Trimethylbenzene	EPA 8260B
1,3-Dichlorobenzene	EPA 624
	EPA 8260B
1,4-Dichlorobenzene	EPA 624
	EPA 8260B
2-Chlorotoluene	EPA 8260B
4-Chlorotoluene	EPA 8260B
Benzene	EPA 624
	EPA 8260B

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NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

Expires 12:01 AM April 01, 2014
Issued April 01, 2013

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. ROBERT Q. BRADLEY
YORK ANALYTICAL LABORATORIES INC
120 RESEARCH DRIVE
STRATFORD, CT 06615

NY Lab Id No: 10854

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2003) for the category ENVIRONMENTAL ANALYSES NON POTABLE WATER
All approved analytes are listed below:

Volatile Aromatics

Bromobenzene	EPA 8260B
Chlorobenzene	EPA 624
	EPA 8260B
Ethyl benzene	EPA 624
	EPA 8260B
Isopropylbenzene	EPA 8260B
Naphthalene, Volatile	EPA 8260B
n-Butylbenzene	EPA 8260B
n-Propylbenzene	EPA 8260B
p-Isopropyltoluene (P-Cymene)	EPA 8260B
sec-Butylbenzene	EPA 8260B
Styrene	EPA 8260B
tert-Butylbenzene	EPA 8260B
Toluene	EPA 624
	EPA 8260B
Total Xylenes	EPA 624
	EPA 8260B

Volatile Halocarbons

1,1,1,2-Tetrachloroethane	EPA 8260B
1,1,1-Trichloroethane	EPA 624
	EPA 8260B
1,1,2,2-Tetrachloroethane	EPA 624
	EPA 8260B
1,1,2-Trichloro-1,2,2-Trifluoroethane	EPA 8260B
1,1,2-Trichloroethane	EPA 624

Volatile Halocarbons

1,1,2-Trichloroethane	EPA 8260B
1,1-Dichloroethane	EPA 624
	EPA 8260B
1,1 Dichloroethene	EPA 624
	EPA 8260B
1,1-Dichloropropene	EPA 8260B
1,2,3-Trichloropropane	EPA 8260B
1,2-Dibromo-3-chloropropane	EPA 8260B
1,2-Dibromoethane	EPA 8260B
1,2-Dichloroethane	EPA 624
	EPA 8260B
1,2-Dichloropropane	EPA 624
	EPA 8260B
1,3-Dichloropropane	EPA 8260B
2,2-Dichloropropane	EPA 8260B
2-Chloroethylvinyl ether	EPA 8260B
Bromochloromethane	EPA 8260B
Bromodichloromethane	EPA 624
	EPA 8260B
Bromoform	EPA 624
	EPA 8260B
Carbon tetrachloride	EPA 624
	EPA 8260B
Chloroethane	EPA 624
	EPA 8260B
Chloroform	EPA 624

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All approved analytes are listed below:

Volatile Halocarbons

Chloroform	EPA 8260B
Chloromethane	EPA 624
	EPA 8260B
cis-1,2-Dichloroethene	EPA 8260B
cis-1,3-Dichloropropene	EPA 624
	EPA 8260B
Dibromochloromethane	EPA 624
	EPA 8260B
Dibromomethane	EPA 8260B
Dichlorodifluoromethane	EPA 624
	EPA 8260B
Hexachlorobutadiene, Volatile	EPA 8260B
Methylene chloride	EPA 624
	EPA 8260B
Tetrachloroethene	EPA 624
	EPA 8260B
trans-1,2-Dichloroethene	EPA 624
	EPA 8260B
trans-1,3-Dichloropropene	EPA 624
	EPA 8260B
Trichloroethene	EPA 624
	EPA 8260B
Trichlorofluoromethane	EPA 8260B
Vinyl chloride	EPA 624
	EPA 8260B

Volatiles Organics

2-Butanone (Methylethyl ketone)	EPA 8260B

Wastewater Metals I

Barium, Total	EPA 200.7 Rev. 4.4
	EPA 6010B
Cadmium, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
	EPA 6010B
Chromium, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
	EPA 6010B
Copper, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
	EPA 6010B
Iron, Total	EPA 6010B
Lead, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
	EPA 6010B
Magnesium, Total	EPA 200.7 Rev. 4.4
	EPA 6010B
Manganese, Total	EPA 200.7 Rev. 4.4
	EPA 6010B
Nickel, Total	EPA 200.7 Rev. 4.4
	EPA 6010B

Wastewater Metals II

Aluminum, Total	EPA 200.7 Rev. 4.4

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Wastewater Metals II

Aluminum, Total	EPA 6010B
Antimony, Total	EPA 200.7 Rev. 4.4
	EPA 6010B
Arsenic, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
	EPA 6010B
Beryllium, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
	EPA 6010B
Chromium VI	EPA 7196A
Mercury, Total	EPA 245.1 Rev. 3.0
	EPA 245.2 Rev. 1974
	EPA 7470A
Selenium, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
	EPA 6010B
Vanadium, Total	EPA 200.7 Rev. 4.4
	EPA 6010B
Zinc, Total	EPA 200.7 Rev. 4.4
	EPA 6010B

Wastewater Metals III

Molybdenum, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
	EPA 6010B
Thallium, Total	EPA 200.7 Rev. 4.4

Wastewater Metals III

Thallium, Total	EPA 200.8 Rev. 5.4
	EPA 6010B

Wastewater Miscellaneous

Cyanide, Total	SM 18-21 4500-CN E (99)
Oil and Grease Total Recoverable (HEM	EPA 1664A
Organic Carbon, Total	SM 18-21 5310C (00)
Phenols	EPA 420.1 Rev. 1978
Surfactant (MBAS)	SM 18-21 5540C (00)

Sample Preparation Methods

EPA 3005A
EPA 3010A
EPA 3020A
EPA 3510C
EPA 5030B
SM 18-20 4500-CN C
SM 18-21 4500-N Org B or C (9
SM 18-21 4500-P b.5

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Acrylates

Acrylonitrile	EPA 8260B

Amines

2-Nitroaniline	EPA 8270D
3-Nitroaniline	EPA 8270D
4-Chloroaniline	EPA 8270D
4-Nitroaniline	EPA 8270D
Aniline	EPA 8270D
Carbazole	EPA 8270D
Diphenylamine	EPA 8270D

Benzidines

3,3'-Dichlorobenzidine	EPA 8270D

Characteristic Testing

E.P. Toxicity	EPA 1310
Ignitability	EPA 1010A
Reactivity	SW-846 Ch7 Sec. 7.3
TCLP	EPA 1311

Chlorinated Hydrocarbon Pesticides

4,4'-DDD	EPA 8081A
4,4'-DDE	EPA 8081A
4,4'-DDT	EPA 8081A
Aldrin	EPA 8081A
alpha-BHC	EPA 8081A
beta-BHC	EPA 8081A
Chlordane Total	EPA 8081A

Chlorinated Hydrocarbon Pesticides

delta-BHC	EPA 8081A
Dieldrin	EPA 8081A
Endosulfan I	EPA 8081A
Endosulfan II	EPA 8081A
Endosulfan sulfate	EPA 8081A
Endrin	EPA 8081A
Endrin aldehyde	EPA 8081A
Heptachlor	EPA 8081A
Heptachlor epoxide	EPA 8081A
Lindane	EPA 8081A
Methoxychlor	EPA 8081A
Toxaphene	EPA 8081A

Chlorinated Hydrocarbons

1,2,4-Trichlorobenzene	EPA 8270C
	EPA 8270D
2-Chloronaphthalene	EPA 8270C
	EPA 8270D
Hexachlorobenzene	EPA 8270C
	EPA 8270D
Hexachlorobutadiene	EPA 8270C
	EPA 8270D
Hexachlorocyclopentadiene	EPA 8270C
	EPA 8270D
Hexachloroethane	EPA 8270C
	EPA 8270D

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Chlorophenoxy Acid Pesticides

2,4,5-T	EPA 8151A
2,4,5-TP (Silvex)	EPA 8151A
2,4-D	EPA 8151A
Dicamba	EPA 8151A

Haloethers

4-Bromophenylphenyl ether	EPA 8270C
	EPA 8270D
4-Chlorophenylphenyl ether	EPA 8270C
	EPA 8270D
Bis(2-chloroethoxy)methane	EPA 8270C
	EPA 8270D
Bis(2-chloroethyl)ether	EPA 8270D
Bis(2-chloroisopropyl) ether	EPA 8270C
	EPA 8270D

Metals I

Barium, Total	EPA 6010B
	EPA 6020
Cadmium, Total	EPA 6010B
	EPA 6020
Calcium, Total	EPA 6010B
Chromium, Total	EPA 6010B
	EPA 6020
Copper, Total	EPA 6010B
	EPA 6020
Iron, Total	EPA 6010B

Metals I

Lead, Total	EPA 6010B
	EPA 6020
Magnesium, Total	EPA 6010B
Manganese, Total	EPA 6010B
	EPA 6020
Nickel, Total	EPA 6010B
	EPA 6020
Potassium, Total	EPA 6010B
Silver, Total	EPA 6010B
	EPA 6020
Sodium, Total	EPA 6010B

Metals II

Aluminum, Total	EPA 6010B
	EPA 6020
Antimony, Total	EPA 6010B
	EPA 6020
Arsenic, Total	EPA 6010B
	EPA 6020
Beryllium, Total	EPA 6010B
	EPA 6020
Chromium VI	EPA 7196A
Mercury, Total	EPA 7471A
Selenium, Total	EPA 6010B
	EPA 6020
Vanadium, Total	EPA 6010B

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Metals II	
Vanadium, Total	EPA 6020
Zinc, Total	EPA 6010B
	EPA 6020
Metals III	
Cobalt, Total	EPA 6010B
	EPA 6020
Molybdenum, Total	EPA 6010B
	EPA 6020
Thallium, Total	EPA 6010B
	EPA 6020
Tin, Total	EPA 6010B
Miscellaneous	
Extractable Organic Halides	EPA 9023
Nitroaromatics and Isophorone	
2,4-Dinitrotoluene	EPA 8270C
	EPA 8270D
2,6-Dinitrotoluene	EPA 8270C
	EPA 8270D
Isophorone	EPA 8270C
	EPA 8270D
Nitrobenzene	EPA 8270C
	EPA 8270D
Pyridine	EPA 8270D
Nitrosoamines	
N-Nitrosodimethylamine	EPA 8270D
N-Nitrosodi-n-propylamine	EPA 8270C
	EPA 8270D
N-Nitrosodiphenylamine	EPA 8270D
Petroleum Hydrocarbons	
Diesel Range Organics	EPA 8015B
Gasoline Range Organics	EPA 8260B
Phthalate Esters	
Benzyl butyl phthalate	EPA 8270C
	EPA 8270D
Bis(2-ethylhexyl) phthalate	EPA 8270C
	EPA 8270D
Diethyl phthalate	EPA 8270C
	EPA 8270D
Dimethyl phthalate	EPA 8270C
	EPA 8270D
Di-n-butyl phthalate	EPA 8270C
	EPA 8270D
Di-n-octyl phthalate	EPA 8270C
	EPA 8270D
Polychlorinated Biphenyls	
PCB-1016	EPA 8082
PCB-1221	EPA 8082
PCB-1232	EPA 8082

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Polychlorinated Biphenyls

PCB-1242	EPA 8082
PCB-1248	EPA 8082
PCB-1254	EPA 8082
PCB-1260	EPA 8082

Polynuclear Aromatic Hydrocarbons

Acenaphthene	EPA 8270C
	EPA 8270D
Acenaphthylene	EPA 8270C
	EPA 8270D
Anthracene	EPA 8270C
	EPA 8270D
Benzo(a)anthracene	EPA 8270C
	EPA 8270D
Benzo(a)pyrene	EPA 8270C
	EPA 8270D
Benzo(b)fluoranthene	EPA 8270C
	EPA 8270D
Benzo(ghi)perylene	EPA 8270C
	EPA 8270D
Chrysene	EPA 8270C
	EPA 8270D
Dibenzo(a,h)anthracene	EPA 8270C
	EPA 8270D
Fluoranthene	EPA 8270C
	EPA 8270D

Polynuclear Aromatic Hydrocarbons

Fluorene	EPA 8270C
	EPA 8270D
Indeno(1,2,3-cd)pyrene	EPA 8270C
	EPA 8270D
Naphthalene	EPA 8270C
	EPA 8270D
Phenanthrene	EPA 8270C
	EPA 8270D
Pyrene	EPA 8270C
	EPA 8270D

Priority Pollutant Phenols

2,4,5-Trichlorophenol	EPA 8270D
2,4,6-Trichlorophenol	EPA 8270C
	EPA 8270D
2,4-Dichlorophenol	EPA 8270C
	EPA 8270D
2,4-Dimethylphenol	EPA 8270C
	EPA 8270D
2,4-Dinitrophenol	EPA 8270C
	EPA 8270D
2-Chlorophenol	EPA 8270C
	EPA 8270D
2-Methyl-4,6-dinitrophenol	EPA 8270C
	EPA 8270D
2-Methylphenol	EPA 8270C

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Priority Pollutant Phenols

2-Methylphenol	EPA 8270D
2-Nitrophenol	EPA 8270C
	EPA 8270D
4-Chloro-3-methylphenol	EPA 8270C
	EPA 8270D
4-Methylphenol	EPA 8270D
4-Nitrophenol	EPA 8270C
	EPA 8270D
Pentachlorophenol	EPA 8270C
	EPA 8270D
Phenol	EPA 8270C
	EPA 8270D

Semi-Volatile Organics

1,2-Dichlorobenzene, Semi-volatile	EPA 8270D
1,3-Dichlorobenzene, Semi-volatile	EPA 8270D
1,4-Dichlorobenzene, Semi-volatile	EPA 8270D
2-Methylnaphthalene	EPA 8270D
Benzyl alcohol	EPA 8270D
Dibenzofuran	EPA 8270D

Volatile Aromatics

1,2,4-Trichlorobenzene, Volatile	EPA 8260B
1,2,4-Trimethylbenzene	EPA 8260B
1,2-Dichlorobenzene	EPA 8260B
1,3,5-Trimethylbenzene	EPA 8260B
1,3-Dichlorobenzene	EPA 8260B

Volatile Aromatics

1,4-Dichlorobenzene	EPA 8260B
2-Chlorotoluene	EPA 8260B
4-Chlorotoluene	EPA 8260B
Benzene	EPA 8260B
Bromobenzene	EPA 8260B
Chlorobenzene	EPA 8260B
Ethyl benzene	EPA 8260B
Isopropylbenzene	EPA 8260B
Naphthalene, Volatile	EPA 8260B
n-Butylbenzene	EPA 8260B
n-Propylbenzene	EPA 8260B
p-Isopropyltoluene (P-Cymene)	EPA 8260B
sec-Butylbenzene	EPA 8260B
Styrene	EPA 8260B
tert-Butylbenzene	EPA 8260B
Toluene	EPA 8260B
Total Xylenes	EPA 8260B

Volatile Halocarbons

1,1,1,2-Tetrachloroethane	EPA 8260B
1,1,1-Trichloroethane	EPA 8260B
1,1,2,2-Tetrachloroethane	EPA 8260B
1,1,2-Trichloro-1,2,2-Trifluoroethane	EPA 8260B
1,1,2-Trichloroethane	EPA 8260B
1,1-Dichloroethane	EPA 8260B
1,1-Dichloroethene	EPA 8260B

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Volatile Halocarbons

1,1-Dichloropropene	EPA 8260B
1,2,3-Trichloropropane	EPA 8260B
1,2-Dibromoethane	EPA 8260B
1,2-Dichloroethane	EPA 8260B
1,2-Dichloropropane	EPA 8260B
1,3-Dichloropropane	EPA 8260B
2,2-Dichloropropane	EPA 8260B
2-Chloroethylvinyl ether	EPA 8260B
Bromochloromethane	EPA 8260B
Bromodichloromethane	EPA 8260B
Bromoform	EPA 8260B
Bromomethane	EPA 8260B
Carbon tetrachloride	EPA 8260B
Chloroethane	EPA 8260B
Chloroform	EPA 8260B
Chloromethane	EPA 8260B
cis-1,2-Dichloroethene	EPA 8260B
cis-1,3-Dichloropropene	EPA 8260B
Dibromochloromethane	EPA 8260B
Dibromomethane	EPA 8260B
Dichlorodifluoromethane	EPA 8260B
Hexachlorobutadiene, Volatile	EPA 8260B
Methylene chloride	EPA 8260B
Tetrachloroethene	EPA 8260B
trans-1,2-Dichloroethene	EPA 8260B
trans-1,3-Dichloropropene	EPA 8260B

Volatile Halocarbons

Trichloroethene	EPA 8260B
Trichlorofluoromethane	EPA 8260B
Vinyl chloride	EPA 8260B

Volatile Organics

2-Butanone (Methylethyl ketone)	EPA 8260B
2-Hexanone	EPA 8260B
4-Methyl-2-Pentanone	EPA 8260B
Acetone	EPA 8260B
Carbon Disulfide	EPA 8260B
Cyclohexane	EPA 8260B
Methyl tert-butyl ether	EPA 8260B

Sample Preparation Methods

	EPA 3005A
	EPA 3010A
	EPA 3031
	EPA 3040A
	EPA 3050B
	EPA 3060A
	EPA 3545
	EPA 3550B
	EPA 3580
	EPA 3585
	EPA 5035A-H
	EPA 5035A-L

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