

2012 Periodic Review Report

**Former Utility Platers and Kingston
Diagnostics
BCP No. C 356035
Schwenk Drive and Washington Avenue
City of Kingston, Ulster County, New York
Site County, New York**

May 2012

Chazen Project No.41103.00



Prepared for:

New York State Department of Environmental
Conservation
Division of Environmental Remediation, 11th Fl
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1.0 EXECUTIVE SUMMARY

On behalf of Woodhaven National Management, LLC, The Chazen Companies, Inc. (Chazen) provides Operations, Maintenance, and Monitoring (OM&M) support for existing remedial systems at the former Utility Platters, Inc./Kingston Diagnostics facility in Kingston, New York (the "Site"). The Site is identified as Brownfield Cleanup Program (BCP) Site No. C356035 and currently houses a CVS pharmacy. A Site Location Map is included as **Figure 1**.

This Periodic Review Report summarizes site conditions and recent on-site treatment system data with respect to the Remedial Action Objectives for the Site and the results, analysis, and conclusions for system operations parameters data and environmental media sampling, collected for the period December 3, 2010 through April 19, 2012. The Site Management Periodic Review Report Notice and Institutional and Engineering Controls Certification Form, signed appropriately, are attached in Appendix B.

1.1 Remedial History

The remedy for this site included the 2009 removal of volatile organic compound (VOC) impacted soils from beneath the former on-site Utility Platers building and areas immediately downgradient, the closure and removal of three fuel oil underground storage tanks (USTs) and related petroleum impacted soil, the installation of a sub-slab depressurization (SSDS) system beneath the constructed CVS building, and construction of an impermeable soil cover system.

1.2 Effectiveness of Remedial Program

- Source soil was removed with remaining soil VOC concentrations mostly below Part 375 Restricted Residential Use (RRU) Soil Cleanup Objectives (SCOs).
- Groundwater impacts remain primarily in just one on-site monitoring well (MW-1). The concentration of the most prevalent VOC compound in this well, TCE, has been reduced from as high as 30,000 ug/L during periods prior to the remedy, to 1,200 ug/L during the April 2012 sampling event.
- Post-remedy indoor air sampling has revealed low or non-detect concentrations of New York State Department of Health (NYSDOH) Matrix 1 and Matrix 2 VOCs during the April 2011 and March 2012 sampling events.

1.3 Compliance

The active SSDS has been operating as intended/designed, no breaching of the impermeable soil cover has been observed, and groundwater monitoring wells remain in good condition.

1.4 Recommendations

Continuation of the current monitoring and inspection schedule is recommended. A reduction of monitoring frequency will be warranted if data collected during the next reporting period suggest further VOC attenuation to asymptotic groundwater concentrations and indoor air quality data continues to show an absence of VOCs.

2.0 SITE OVERVIEW

2.1 Site Location and Pre-Remedy Conditions

The site is a 1.73-acre parcel located in a commercial area of the City of Kingston, Ulster County, New York. The site is bounded by Schwenk Drive to the north, Trailways Bus Terminal to the south, Esposito's Dry Cleaning to the east, and Washington Avenue to the west. The current main site features include one commercial retail building occupied as a CVS retail store and pharmacy. A Site Layout Map is included as **Figure 2**. The site formerly contained a masonry block structure known as Utility Platers and a commercial medical office building known as Kingston Diagnostics.

Prior uses of the Site, primarily handling/storage/disposal practices at the former Utility Platers facility, appear to have resulted in impacts to on-site soils and groundwater from the release of chlorinated solvents trichloroethylene (TCE), dichloroethylene (DCE) and vinyl chloride. Groundwater impacts extended from the upgradient Utility Platers parcel to the downgradient Kingston Diagnostics parcel. Both parcels were later combined to form the BCP site which is currently jointly occupied by the CVS retail/pharmacy facility.

2.2 Chronology of Remedial Program

The site remedy was implemented by DT Consulting Services, Inc. in accordance with the NYSDEC-approved Interim Remedial Measure Work Plan dated July 2009. The following is a summary of Remedial Actions and IRMs performed at the site in the BCP:

- Excavation of soil and fill exceeding RRU SCOs encountered during historical site investigations including during the remedial investigation (RI). Impacted materials were excavated from areas beneath and downgradient of the former Utility Platers facility to a depth of 10 to 12 feet below the ground surface (bgs) totaling 4,563 tons of material excavated and removed from the site (September 2009).
- Closure and removal of three No. 2 fuel oil underground storage tanks (USTs) and excavation and removal of approximately 350 tons of related petroleum-impacted soil (September 2009).
- Installation of a Subslab Depressurization System (SSDS) to remove VOC vapors from beneath the newly completed site structure (June 2010).
- Construction and maintenance of a soil cover system consisting of asphalt pavement to prevent infiltration of storm water into the plume area, to prevent human exposure to remaining impacted soil/fill remaining on the site, and to extend an impermeable surface over the SSDS footprint for vapor control optimization.
- Execution and recoding of an Environmental Easement to restrict land use to prevent future human and environmental exposure to residual site contaminants.
- Development and implementation of a Site Management Plan (SMP) for long term management of remaining impacts as required by the Environmental Easement including: 1) Institutional and Engineering Controls; 2) Monitoring; 3) Operation and Maintenance of the SSDS; and 4) Reporting.

These remedial activities were completed at the site between September 2009 and October 2010.

3.0 REMEDY PERFORMANCE, EFFECTIVENESS AND PROTECTIVENESS

In accordance with the Department-approved SMP, dated September, 2010 and the Certificate of Completion (COC), dated December 3, 2010, monitoring events included the collection and analysis of groundwater from five on-site monitoring wells (MW-1, MW-2, MW-3, MW-4 and MW-5 – Figure 2) conducted on a semi-annual basis and sampling of indoor air quality (IAQ) on an annual basis.

Recent groundwater samples were collected from the site on April 20, 2011, October 20, 2011 and March 27, 2012. The groundwater samples were collected in a manner consistent with the methodologies identified in the approved Field Sampling Plan. Copies of the field sampling sheets are attached. Samples were collected in laboratory-provided sample jars and immediately chilled. Duplicate samples were also collected from MW-1 during each of the three sampling events.

The groundwater samples were analyzed for VOCs via USEPA Method 8260 and for priority pollutant metals via USEPA Method 3010A/7471. The SMP also included the sampling of semi-volatile organic compounds (SVOCs); however, based on the general absence of SVOCs detected in historic groundwater samples and the low solubility of SVOCs in groundwater, the Department previously agreed to exclude SVOCs analyses from the post-COC sampling events. The laboratory provided an ASP Category B deliverable data packages which was submitted for data validation to DATAVAL, Inc. of Endwell, New York. Copies of the laboratory reports and data usability summary reports (DUSR) are attached electronically.

During the April 2011 and March 2012 sampling events, one IAQ sample was also collected from within the existing CVS building. Chazen utilized a laboratory-provided SUMMA Canister with eight hour regulator to collect the annual indoor samples.

The following summarizes laboratory analytical results of this groundwater sampling event compared to the previous rounds of sampling conducted at the site. Table 1 compares the sampling to guidance values published in Part 703.

- VOC concentrations in the most impacted well, MW-1, have dropped substantially below pre-treatment concentrations. TCE was found at 14,000 ug/L in 2009 immediately prior to remediation, and now reduced to 1,200 ug/L in the recent March 2012 sampling round. Vinyl chloride was found at 3,900 ug/L prior to remediation and was 170 ug/L during the recent sampling round. The concentration of 1, 2-Dichloroethylene in MW-1 is somewhat more persistent, originally present at 8,435 ug/L in 2009 and reduced in March 2012 to 1,975 ug/L.
- In the remaining four site monitoring wells, MW-2, MW-3, MW-4 and MW-5, VOC concentrations are currently within 10 ppb of Part 703 standards.
- Concentrations of the metals nickel and selenium were higher in MW-1 during the most recent sampling round than prior rounds. The cause for these increased concentrations is not known but the recent findings may be within the range of site condition variability. Metals in remaining wells MW-2 through MW-5 are all near or below Part 703 standards.

Pre-remediation vapor concentrations of TCE and cis-1, 2-Dichloroethylene in the former Kingston Diagnostics building were 290 and 28.03 ug/m³, respectively. With the SSDS system now in place, concentrations of these compounds in the current CVS building were 0.55 ug/m³ (TCE) and 4.4 ug/m³ (cis-1,2-Dichloroethylene) in April 2011 and were below laboratory detection limits during the most recent March 2012 sampling event.

The vapor data for the seven NYSDOH VOC regulated compounds are summarized in Table 2. Compared to the historic data for TCE and cis-1, 2-Dichloroethylene from within the former on-site Kingston Diagnostics building as reported in the SMP, there has been a significant decrease in these VOC concentrations to non-detectable levels in indoor air, indicating effective implementation of the soil excavation remedy and the SSDS system.

The SSDS system has operated nearly continuously since start-up 2009. Chazen used a photo-ionization detector (PID) to screen bulk concentration of VOCs in the airstream during April 2011 and March 2012 site visits. During both events, the recorded bulk VOC concentration was below the detection limit of the instrument, limiting plausible continuing venting concentrations to the high ppb concentrations at most.

4.0 INSTITUTIONAL CONTROL/ENGINEERING CONTROL COMPLIANCE REPORT

4.1 IC/EC Requirements and Compliance

The following IC/ECs are in place at the site:

1. A Composite Cover System- exposure to remaining contamination in soil/fill at the site is prevented by a combination of a minimum of 24 inches of clean soil, asphalt pavement, concrete sidewalks or the concrete building slab. The visual integrity of this system is reviewed during each annual site inspection and noted on a Site Inspection Report (Appendix A). An Excavation Work Plan presented in the SMP outlines procedures required in the event that the cover system is observed to be breached, penetrated, or any underlying contaminated material is disturbed. Based on the March 2012 inspection, the cover appears to be in-place and does not appear to have been breached.
2. SSDS- An active SSDS was installed on the property in 2009 and contains a blower unit continuously depressurizing a sub-slab gravel layer with slotted PVC piping. The blower vents through the roof of the building, continuously vacuuming air from beneath the sub-slab to draw any impacted air past commercial spaces. Procedures for operating and maintaining the SSDS are documented in the O&M Plan of the SMP. The SSDS is evaluated annually through collection of an indoor air sample and an inspection of the system. Copies of the annual system inspection forms are included in Appendix A and a figure of the SSDS design is included as Figure 3.
3. Groundwater Monitoring-Monitored Natural Attenuation – Post remedy groundwater monitoring activities to assess ongoing natural attenuation are conducted on a semi-annual basis and will continue until residual groundwater concentrations are found to be below TOGS 1.1.1 guidance values or have become asymptotic at an acceptable level to the NYSDEC over time.

4. The property may be used for "Restricted-residential use," "Commercial use" and/or "Industrial use" as described within 6 NYSRR Part 375-1.8(g)(2)(ii), (iii) and (iv).
5. Data and information pertinent to the SMP of the Controlled Property must be reported at the frequency and manner defined in the SMP;
6. Access to the site must be provided to agents, employees or other representatives of the state of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by the Environmental Easement.

4.2 IC/EC Certification

The EC/IC Certification forms are included in Appendix B.

5.0 MONITORING PLAN COMPLIANCE REPORT

5.1 Components of the Monitoring Plan

The Monitoring Plan includes sampling of five existing groundwater monitoring wells on a semi-annual basis for the first two years following completion of remedial activities in late 2010, annual sampling of indoor air and SSDS discharge for the first five years followed by sampling every five years thereafter until year 15, and annual visual inspection of the impermeable cover system.

1. Five monitoring wells exist on the site (MW-1 through MW-5) to monitor up- and down-gradient conditions at the site and are spaced to cover the foot print of the remaining groundwater impacts defined in June 3, 2010. Groundwater sampling is conducted semi-annually in April and October. Well sampling activities are logged in a groundwater sampling log (Appendix A), which serve as the inspection form for the well network. Groundwater samples are analyzed for VOCs and priority pollutant metals. Wells are inspected during each sampling event. If an event renders the wells unusable, or if the approval is granted that well sampling is no longer required, they will be property decommissioned and/or replaced. The NYSDEC will be notified prior to any well repair or decommissioning.
2. SSDS discharge and IAQ monitoring is performed annually during or before April to ensure sampling during the heating season. Sampling activities for the SSDS are recorded in the designated field book and field logs. IAQ samples are analyzed for VOCs via USEPA Method TO-15. In addition, the SSDS system is evaluated to determine if it is functioning properly, if there is foundation damage or building defects that could reduce its effectiveness, and to assess blower conditions.
3. A site-wide inspection of the facility is conducted annually in April as well as after any severe weather condition that may affect ECs or monitoring devices. An inspection form is completed after each inspection (Appendix A). The inspection assesses compliance with ICs and site usage; condition and continued effectiveness of ECs; general site conditions, site management activities being conducted, compliance with the O&M Plan.

5.2 Summary of Monitoring Completed During Reporting Period

Monitoring completed during the reporting period (April 2011, October 2011 and March 2012) has

*The Chazen Companies
May 2012*

included three semi-annual groundwater sampling events of the five on-site wells, two annual indoor air sampling events (April 2011 and March 2012) from within the current CVS structure; two inspections of the SSDS (April 2011 and March 2012); and one site-wide inspection (March 2012). Groundwater and sampling points are depicted on Figure 2. Table 1 provides groundwater elevations for each sampling event. Table 2 compares groundwater sampling data to December 2010 post-remedy data and to NYSDEC TOGS 1.1.1. Table 3 compares annual IAQ sampling data to NYSDOH Matrix 1 and Matrix 2 compounds. Field sampling sheets, a copy of the 2012 Annual Site Wide Inspection form and 2011 and 2012 SSDS inspection forms are attached in Appendix A.

5.3 Comparisons with Remedial Objectives

Soil

- Post excavation sampling completed during the remedy and IRMs confirmed that Track 4 Restricted Residential SCOs were met for most all post-excavation soil samples. Post-excavation soil sampling revealed that remaining soil mainly does not exceed Restricted Residential SCOs.

Groundwater

- Groundwater in the vicinity of MW-1 remained impacted above TOGS 1.1.1 standards after remediation. However, 2009 post remedy results of 13,000 ug/L of TCE were significantly less than initial groundwater screening results of 30,000 ug/L . Current data suggests even further attenuation to slightly more than 1,000 ug/L above the 5 ug/L groundwater standard in just over two years since source removal (Table 2).

Indoor Air

- Indoor air sampling data from the current CVS structure did not exist prior to the April 2011 sampling event. April 2011 data identified few VOC compounds, suggesting reasonable and practical actions needed to identify sources and reduce exposures. These steps have been taken with the active use of an on-site SSDS. March 2012 sampling data did not identify any of the NYSDOH matrices parameters in indoor air, confirming the effectiveness of the active SSDS (Table 3).

5.4 Monitoring Deficiencies

No monitoring deficiencies were identified during the sampling and reporting period.

5.5 Conclusions and Recommendations for Changes

Site remedy (source removal and active SSDS) appear to have successfully mitigated site impacts. Data from groundwater sampling suggests that remaining impacts in groundwater are attenuating towards groundwater standards. No changes to the monitoring program are recommended at this time. If the subsequent monitoring event in 2012 demonstrates ongoing attenuation in groundwater and continued lack of detections of VOCs in indoor air, a recommendation may be made to the Department at that time for a reduction in monitoring frequency.

6.0 OPERATION AND MAINTENANCE (O&M) PLAN COMPLIANCE RPEORT

6.1 Components of the O&M Plan

The O&M Plan presented in the SMP includes the steps necessary to operate and maintain the on-site SSDS and include an O&M contingency plan. Non-mechanical ECs (i.e., soil cover system) are discussed in the EC/IC Control Plan.

The SSDS system has operated at the site continuously since start-up on May 15, 2010. The system includes a vapor barrier, gravel layer, slotted vent pipe network, riser pipe with roof vent and in-line fan. The system must remain powered at all times to operate successfully and a control box is locked to securely to prevent unauthorized shut off.

Routine operation of the blower unit includes ensuring availability of a continuous power source to the blower motor and confirmation that the piping does not leak or have blockages. Routine equipment maintenance is to be conducted as needed and includes annual inspection and cleaning of the vapor riser pipe outlets, and collection and analyses of air quality samples per the annual sampling schedule. Non-routine equipment maintenance would include cutting through the concrete floor slab to install new equipment or make other building modifications to maintain the integrity and performance of the SSDS. In the event of a non-routine condition (i.e., system damage or reduced effectiveness which would initiate a red warning light, and/or system component replaces), the Site owner will notify the NYSDEC within 24 hours and proceed with correcting the maintenance and/or repair.

6.2 Summary of O&M Completed During Reporting Period

Annual air quality sampling and SSDS inspections were conducted in April 2011 and March 2012. No deficiencies in the system were noted which required maintenance or repair during that time period.

6.3 Evaluation of Remedial Systems

Based on the results of the annual monitoring of the SSDS, the SSDS appears to be performing as designed/expected.

6.4 O&M Deficiencies

No O&M deficiencies were noted during the reporting period.

6.5 Conclusions and Recommendations for Improvement

The SSDS appears to be functioning as designed/expected. There are no recommendations for improvements to the O&M Plan or program at this time.

7.0 OVERALL PERIODIC REVIEW REPORT CONCLUSIONS AND RECOMMENDATIONS

7.1 Compliance with the Site Management Plan

IC/ECs in place at the site include an active SSDS and an impermeable cover system.

- Annual inspections of the SSDS during April 2011 and March 2012 indicate that the SSDS is operating as designed/expected. No maintenance of the system has occurred or was found to be necessary during the reporting period.
- The Annual Site Wide Inspection conducted in March 2012 indicates that groundwater monitoring wells are in place and in good condition and that no visible breaches in the impermeable cover were noted. In addition, the site is currently occupied as a CVS retail store and pharmacy which is in compliance with the commercial or restricted residential use of the site.
- Groundwater monitoring has been conducted semi-annually (April 2011, October 2011 and March 2012) and IAQ monitoring has been conducted annually (April 2011 and March 2012), in accordance with the SMP schedule.

7.2 Performance and Effectiveness of the Remedy

- Semi-annual groundwater monitoring suggests that remaining impacts have been significantly reduced since implementation of the remedy. Since the 2009 excavation of source soils and start up of the SSDS, VOCs are attenuating towards groundwater standards. For instance the 2009 pre-remedy concentration of TCE in groundwater of 14,000 ug/L has been reduced to 1,200 ug/L in MW-1 in approximately 2 years after remedy implementation. Nickel concentrations in MW-1 may be increasing moderately but other metals in MW-1 and in all other wells remain low and stable. No cause for the potentially increasing nickel concentrations is known and the variability may be within the range of site condition variability. Most other metals in on-site wells are all near or below Part 703 standards.
- Annual IAQ sampling and SSDS monitoring indicate that the SSDS system is working effectively. The most recent IAQ sampling did not detect NYSDOH Matrix 1 or Matrix 2 compounds.

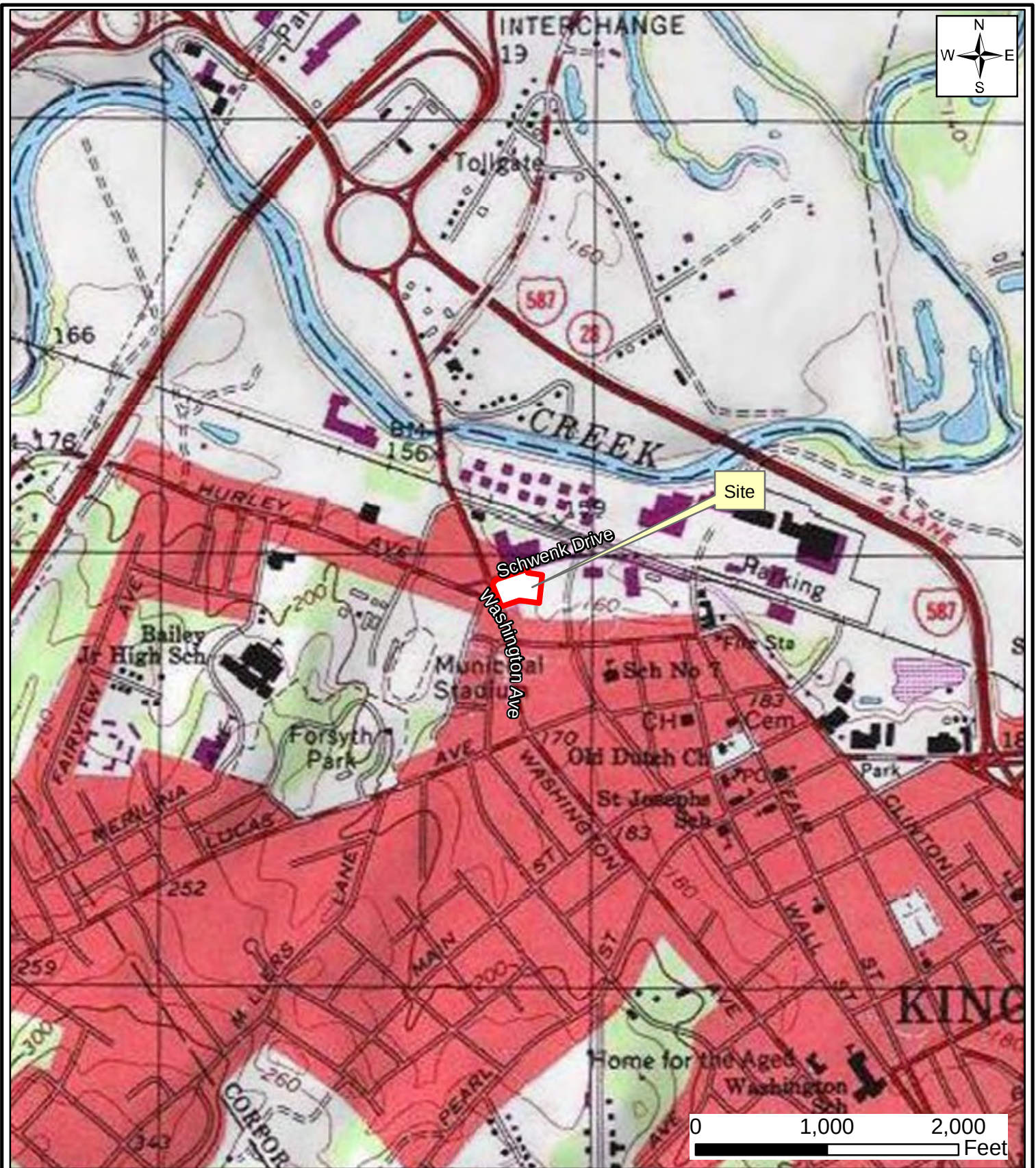
The combined results of the site inspection, semi-annual groundwater sampling, and semi-annual IAQ sampling suggest that the remedy is working effectively. Future monitoring is likely to show continued attenuation of remaining VOC groundwater impacts and it is expected that within the next year or two that a reduction of the sampling program can be recommended.

7.3 Future PRR Submittals

Monitoring for the second reporting period will include semi-annual groundwater monitoring in October 2012, and annual groundwater, IAQ, SSDS monitoring and a site-wide inspection in April 2013. A semi-annual report will be submitted to the NYSDEC for the October 2012 and a PRR will be submitted in May 2013. The continuation of attenuation will be assessed during the 2012 through 2013 reporting period

and a recommendation will be made at that time to either continue with the current monitoring frequency reduce monitoring frequency, or make other program modifications.

FIGURES



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Former Utility Platers & Kingston Diagnostics Site

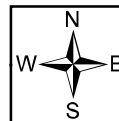
Figure 1 - Site Location Map

Schwenk Drive at Washington Avenue
City of Kingston, Ulster County, New York

Source: Ulster County Real Property Services 2007 Tax Parcel Data;
USGS Topographic Map of the Kingston, West, New York Quadrangle, Dated 1997, 7.5-Minute Series.

Drawn:	JLK
Date:	May 2012
Scale:	As Shown
Project:	41103.00
Figure:	1

Schwenk Drive



MW-3

	Pre	Post
TCE	11	ND
1,2-DCE	8	ND
VC	2	ND

MW-2

	Pre	Post
TCE	51	3.8
1,2-DCE	33	29
VC	10	5.7

MW-5

	Pre	Post
TCE	ND	5.7
1,2-DCE	ND	6.1
VC	ND	ND

MW-4

	Pre	Post
TCE	ND	ND
1,2-DCE	ND	ND
VC	ND	ND

CVS Pharmacy Building

MW-1

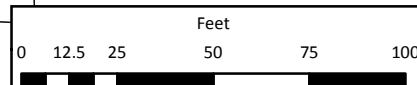
	Pre	Post
TCE	14,000	1,200
1,2-DCE	8,900	1,900
VC	3,900	160

Site Property Boundary

Washington Avenue

NOTES ON DATA TABLES:

- 1) PRE = Pre-Remediation Data from December 2009
- 2) POST = Post-Remediation Data from March 2012
- 3) TCE = Trichloroethylene
- 4) 1,2-DCE = 1,2-Dichloroethylene
- 5) VC = Vinyl Chloride
- 6) ND = Not Detecte
- 7) VOC concentrations are given in ug/L



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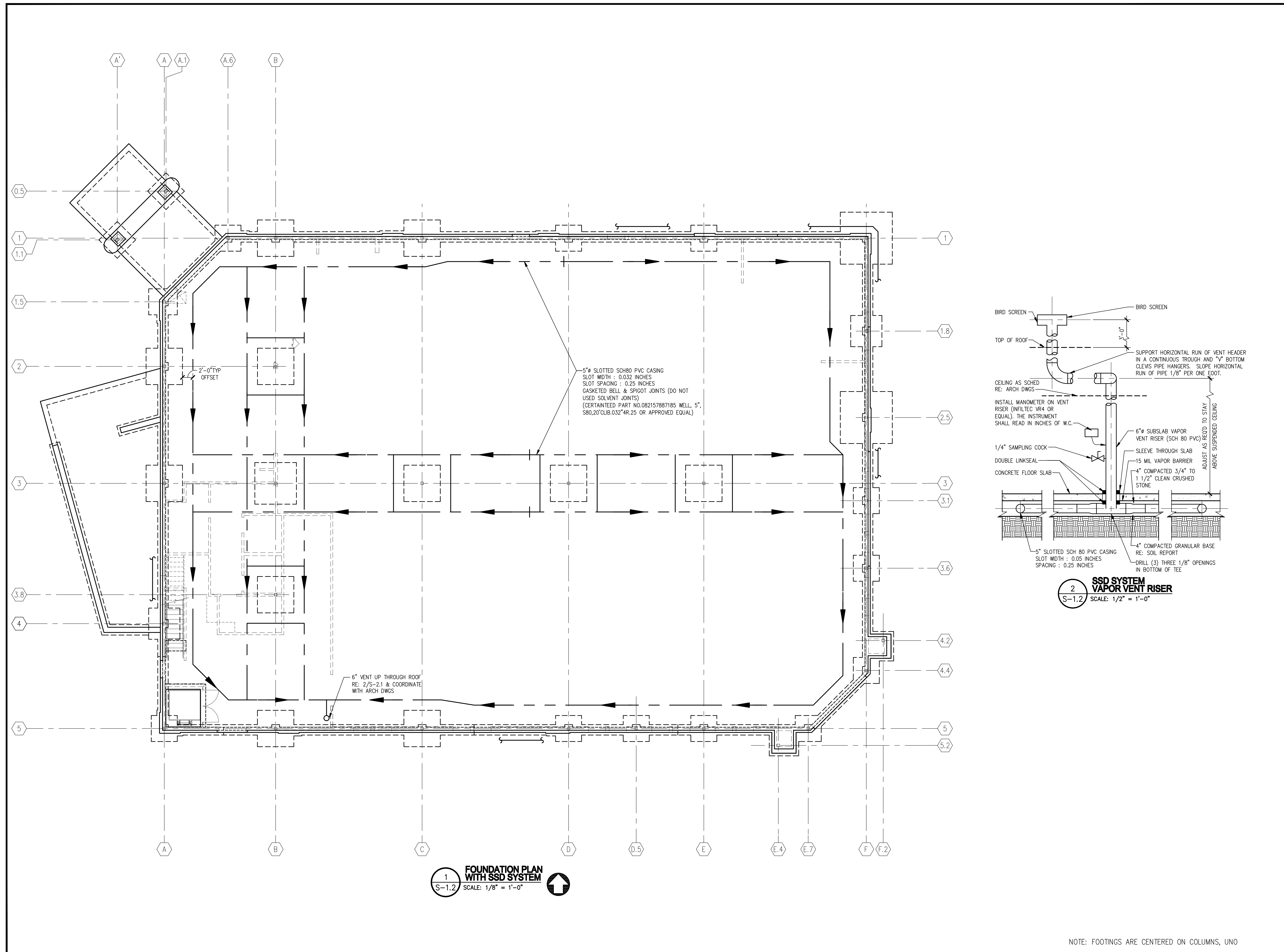
Former Utility Platers and Kingston Diagnostics Site

Figure 2 - Site Layout Map

Schwenk Drive at Washington Avenue
City of Kingston, Ulster County, New York

Source: Ulster County Real Property Services 2007 Tax Parcel Data;
Site Details from Mapping by DT Consulting, 2010.

Drawn:	EJO
Date:	May 2012
Scale:	As Shown
Project:	41103.00
Figure:	2



LDG

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ARCHITECTS ENGINEERS SURVEYORS

SEAL:

CVS/
pharmacy

12900
9.1.06
TYPE A

PROJECT TYPE: NEW

STORE NUMBER: 8945

WASHINGTON AVE. & SCHWENK DR. (SEC)
KINGSTON, NY 12401

DEVELOPER:

NORTHEAST RETAIL LEASING
& MANAGEMENT CO.
360 BLOOMFIELD AVE.
SUITE 303
WINDSOR, CT 06095
TEL (860) 683-9000
FAX (860) 683-1600

REVISIONS:

LAYOUT COORDINATOR: T. MARTIN
CONSTRUCTION MGR. B. FLANNERY
DRAWING BY: RLH
DATE: 13 JUL 2009
JOB NUMBER: 6544-002
TITLE:

SUB-SLAB
DEPRESSURIZATION SYSTEM

SHEET NUMBER:

S-1.2

COMMENTS:

BID DOCUMENT

Figure 3- SSDS Layout

TABLES

Table 1: Monitoring Well and Groundwater Elevations

BCP Site No. C356035 - Former Utility Platers and Kingston Diagnostics, Washington Avenue and Schwenck Drive, City of Kingston, New York

Well ID	Top of Casing Elevation (feet AMSL)	Groundwater Elevation (feet AMSL)		
		4/20/2011	10/20/2011	3/27/2012
MW-1	164.70	150.47	150.36	149.80
MW-2	160.56	148.06	148.02	143.37
MW-3	158.75	153.17	153.32	151.54
MW-4	168.32	162.40	162.48	161.75
MW-5	162.51	155.67	155.88	154.03

NOTES:

1) AMSL = Above Mean Sea Level

2) Top of Casing Elevations were obtained from a site survey map dated June 2, 2010, created by Brinner and Larios.

Table 2: Groundwater Monitoring Data

BCP No. C356035 -Former Utility Platers and Kingston Diagnositcs Site, Washington Street at Schwenck Drive, City of Kingston, New York

Sample Location				MW-1						
Sample Date				12/23/2009	4/20/2011	4/20/2011 (DUP)	10/20/2011	10/20/2011 (DUP)	3/27/2012	3/27/12 (DUP)
Analyte	Units	Part 703 Groundwater Standard	TOGS 1.1.1 Groundwater Standard	Results						
EPA Method 8260 Volatile Organic Compounds	1,1,1,2-Tetrachloroethane	5*	5	--	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	5*	5	3	1.2 J	1.2 J	2.8 J	2.8 J	1.3 J	1.3 J
	1,1,2,2-Tetrachloroethane	5*	5	--	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	1	1	--	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	5*	0.6	23	3.8 J	3.7 J	5.3	5.8	6.4	6.2
	1,1-Dichloroethylene	5*	5	38	3.1 J	3.5 J	3.4 J	3.4 J	8.2	7.6
	1,1-Dichloropropylene	NS	5	--	ND	ND	ND	ND	ND J	ND J
	1,2,3-Trichlorobenzene	5*	5	--	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	0.04	0.04	--	ND	ND	ND	ND	ND	ND
	1,2,3-Trimethylbenzene	5*	5	--	ND	ND	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	5*	5	--	ND	ND	ND	ND	ND	ND
	1,2,4-Trimethylbenzene	5*	5	16	ND	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropane	0.04	0.04	--	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	NS	5	--	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	3**	3	--	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	0.6	0.6	--	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethylene (Total)	5*	5	8,435	1,026	629	1,624	1,324	1,975	2,070
	1,2-Dichloropropane	1	1	--	ND	ND	ND	ND	ND	ND
	1,3,5-Trimethylbenzene	5*	5	4	ND	ND	ND	ND	ND	ND
	1,3-Dichlorobenzene	3**	3	--	ND	ND	ND	ND	ND	ND
	1,3-Dichloropropane	5*	5	--	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	3**	3	--	ND	ND	ND	ND	ND	ND
	1-Chlorohexane	NS	5	--	ND	ND	ND	ND	ND	ND
	2,2-Dichloropropane	5*	5	--	ND	ND	ND	ND	ND	ND
	2-Chlorotoluene	5*	5	--	ND	ND	ND	ND	ND	ND
	4-Chlorotoluene	5*	5	--	ND	ND	ND	ND	ND	ND
	Benzene	1	1	--	ND	ND	ND	ND	ND	ND
	Bromobenzene	5*	5	--	ND	ND	ND	ND	ND	ND
	Bromochloromethane	5*	5	--	ND	ND	ND	ND	ND	ND
	Bromodichloromethane	NS	50	--	ND	ND	ND	ND	ND	ND
	Bromoform	NS	50	--	ND	ND	ND	ND	ND	ND
	Bromomethane	5*	5	--	ND	ND	ND	ND	ND J	ND J
	Carbon Tetrachloride	5	5	--	ND	ND	ND	ND	ND J	ND J
	Chlorobenzene	5*	5	--	ND	ND	ND	ND	ND	ND
	Chloroethane	5*	5	--	ND	ND	ND	ND	ND	ND
	Chloroform	7	7	--	ND	ND	ND	ND	ND	ND
	Chloromethane	NS	5	--	ND	ND	ND	ND	ND	ND
	cis-1,3-Dichloropropylene	0.4**	5	--	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	NS	50	--	ND	ND	ND	ND	ND	ND
	Dibromomethane	5*	5	--	ND	ND	ND	ND	ND	ND
	Dichlorodifluoromethane	5*	5	--	ND	ND	ND	ND	R	R
	Ethylbenzene	5*	5	--	ND	ND	ND	ND	ND	ND
	Hexachlorobutadiene	0.5	0.5	--	ND	ND	ND	ND	ND	ND
	Isopropylbenzene	5*	5	1	ND	ND	ND	ND	ND	ND
	Methyl tert-butyl ether (MTBE)	NS	10	--	ND	ND	ND	ND	ND J	ND J
	Methylene chloride	5*	5	6	3.4 JB	4.0 JB	4.5 JB	4.4 JB	ND	ND
	Naphthalene	10	10	1	ND	ND	ND	ND	ND J	ND J
	n-Butylbenzene	5*	5	--	ND	ND	ND	ND	ND	ND
	n-Propylbenzene	5*	5	2	ND	ND	ND	ND	ND	ND
	o-Xylene	5*	5	2	ND	ND	ND	ND	ND	ND
	p-&m-Xylenes	5*	5	2	ND	ND	ND	ND	ND	ND
	p-Isopropyltoluene	5*	5	4	ND	ND	ND	ND	ND	ND
	sec-Butylbenzene	5*	5	--	ND	ND	ND	ND	ND	ND
	Styrene	5*	5	--	ND	ND	ND	ND	ND	ND
	tert-Butylbenzene	5*	5	--	ND	ND	ND	ND	ND	ND
	Tetrachloroethylene	5*	5	12	ND	ND	ND	ND	ND	ND
	Toluene	5*	5	2	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropylene	0.4**	5	--	ND	ND	ND	ND	ND	ND
	Trichloroethylene	5*	5	14,000	800	500	130	180	1,200	1,200
	Trichlorofluoromethane	5*	5	--	ND	ND	ND	ND	ND	ND
	Vinyl chloride	1	1	3,900	130	150	100	110	160 J	170 J
Sample Date				6/3/2010	4/20/2011	4/20/2011	10/20/2011	10/20/2011	3/27/2012	3/27/2012
EPA Method 6010 Priority Pollutant Metals	Antimony	3	3	ND	ND	ND	5	5	ND	ND
	Arsenic	25	25	ND	11	ND	10	ND	ND	ND
	Beryllium	11***	3	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	5	31	63	59	114	126	47	42
	Chromium	50	50	13	11	8	29	32	5	ND
	Copper	200	200	38	8	6	17	18	ND J	ND J
	Lead	25	25	33	4	3	7	6	3 J	ND J
	Nickel	100	100	257	309	307	660	703	749	748
	Selenium	10	10	14	ND	ND	ND	ND	22 J	16 J
	Silver	50	50	ND	ND	ND	ND	ND	ND	ND
	Thallium	8	0.5	ND	ND	ND	ND	ND	ND	ND
	Zinc	NS	2,000	136	158	146	234	244	144	139
	Mercury	0.7	1	ND	ND	ND	ND	ND	ND J	ND J

NOTES:

- 1) * denotes that the principal organic compound (POC) standard of 5 ug/L applies to this compound
- 2) ** denotes that this standard applies to the sum of both isomers
- 3) *** denotes that this standard applies as long as total hardness is below 75 mg/L. If total hardness > 75 mg/L, the standard is 1,100 ug/L
- 4) NS = No standard exists in Part 703 for this compound
- 5) ND = Not detected
- 6) -- = Not analyzed for this compound.
- 7) Results exceeding one or both groundwater quality standards are presented in **BOLD** and shaded.
- 8) The flag J denotes a detection above the minimum detection but below the reporting limit. The noted concentration is an estimate.
- 9) The flag B denotes a compound that was also detected in the laboratory method blank. Therefore, this detection may represent a laboratory artifact.
- 10) The flag R indicates data rejected by the data validator due to laboratory QA/QC issues

Table 2: Groundwater Monitoring Data

BCP No. C356035 -Former Utility Platers and Kingston Diagnostics Site, Washington Street at Schwenck Drive, City of Kingston, New York

Sample Location				MW-2			
Sample Date				12/23/2009	4/20/2011	10/20/2011	3/27/2012
Analyte	Units	Part 703 Groundwater Standard	TOGS 1.1.1 Groundwater Standard	Results			
EPA Method 8260 Volatile Organic Compounds	1,1,1,2-Tetrachloroethane	5*	5	--	ND	ND	ND
	1,1,1-Trichloroethane	5*	5	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	5*	5	--	ND	ND	ND
	1,1,2-Trichloroethane	1	1	--	ND	ND	ND
	1,1-Dichloroethane	5*	0.6	ND	1.1 J	1.3 J	1.3 J
	1,1-Dichloroethylene	5*	5	ND	ND	ND	ND
	1,1-Dichloropropylene	NS	5	--	ND	ND	ND J
	1,2,3-Trichlorobenzene	5*	5	--	ND	ND	ND
	1,2,3-Trichloropropane	0.04	0.04	--	ND	ND	ND
	1,2,3-Trimethylbenzene	5*	5	--	ND	ND	ND
	1,2,4-Trichlorobenzene	5*	5	--	ND	ND	ND
	1,2,4-Trimethylbenzene	5*	5	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropane	0.04	0.04	--	ND	ND	ND
	1,2-Dibromoethane	NS	5	--	ND	ND	ND
	1,2-Dichlorobenzene	3**	3	--	ND	ND	ND
	1,2-Dichloroethane	0.6	0.6	--	ND	ND	ND
	1,2-Dichloroethylene (Total)	5*	5	33	17	25	29
	1,2-Dichloropropane	1	1	--	ND	ND	ND
	1,3,5-Trimethylbenzene	5*	5	ND	ND	ND	ND
	1,3-Dichlorobenzene	3**	3	--	ND	ND	ND
	1,3-Dichloropropane	5*	5	--	ND	ND	ND
	1,4-Dichlorobenzene	3**	3	--	ND	ND	ND
	1-Chlorohexane	NS	5	--	ND	ND	ND
	2,2-Dichloropropane	5*	5	--	ND	ND	ND
	2-Chlorotoluene	5*	5	--	ND	ND	ND
	4-Chlorotoluene	5*	5	--	ND	ND	ND
	Benzene	1	1	--	ND	ND	ND
	Bromobenzene	5*	5	--	ND	ND	ND
	Bromochloromethane	5*	5	--	ND	ND	ND
	Bromodichloromethane	NS	50	--	ND	ND	ND
	Bromoform	NS	50	--	ND	ND	ND
	Bromomethane	5*	5	--	ND	ND	ND J
	Carbon Tetrachloride	5	5	--	ND	ND	ND J
	Chlorobenzene	5*	5	--	ND	ND	ND
	Chloroethane	5*	5	--	ND	ND	ND
	Chloroform	7	7	--	ND	ND	ND
	Chloromethane	NS	5	--	ND	ND	ND
	cis-1,3-Dichloropropylene	0.4**	5	--	ND	ND	ND
	Dibromochloromethane	NS	50	--	ND	ND	ND
	Dibromomethane	5*	5	--	ND	ND	ND
	Dichlorodifluoromethane	5*	5	--	ND	ND	R
	Ethylbenzene	5*	5	--	ND	ND	ND
	Hexachlorobutadiene	0.5	0.5	--	ND	ND	ND
	Isopropylbenzene	5*	5	ND	ND	ND	ND
	Methyl tert-butyl ether (MTBE)	NS	10	--	ND	ND	ND J
	Methylene chloride	5*	5	4	3.6 JB	4.9 JB	ND
	Naphthalene	10	10	ND	ND	ND	ND J
	n-Butylbenzene	5*	5	--	ND	ND	ND
	n-Propylbenzene	5*	5	ND	ND	ND	ND
	o-Xylene	5*	5	ND	ND	ND	ND
	p-&m-Xylenes	5*	5	ND	ND	ND	ND
	p-Isopropyltoluene	5*	5	ND	ND	ND	ND
	sec-Butylbenzene	5*	5	--	ND	ND	ND
	Styrene	5*	5	--	ND	ND	ND
	tert-Butylbenzene	5*	5	--	ND	ND	ND
	Tetrachloroethylene	5*	5	ND	ND	ND	ND
	Toluene	5*	5	ND	ND	ND	ND
	trans-1,3-Dichloropropylene	0.4**	5	--	ND	ND	ND
	Trichloroethylene	5*	5	51	3.6 J	3.2 J	ND
	Trichlorofluoromethane	5*	5	--	ND	ND	ND
	Vinyl chloride	1	1	10	7.1	6.7	5.7
Sample Date				6/3/2010	4/20/2011	10/20/2011	3/27/2012
EPA Method 6010 Priority Pollutant Metals	Antimony	3	3	ND	ND	ND	ND
	Arsenic	25	25	29	ND	ND	ND
	Beryllium	11***	3	6	ND	ND	ND
	Cadmium	5	5	10	ND	ND	ND
	Chromium	50	50	58	12	7	5
	Copper	200	200	430	9	5	6 J
	Lead	25	25	552	10	7	6 J
	Nickel	100	100	113	41	27	33
	Selenium	10	10	28	10	12	21 J
	Silver	50	50	ND	ND	ND	ND
	Thallium	8	0.5	ND	ND	ND	ND
	Zinc	NS	2,000	431	44	26	35
	Mercury	0.7	1	1.6	ND	ND	ND J

NOTES:

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Table 2: Groundwater Monitoring Data

BCP No. C356035 -Former Utility Platers and Kingston Diagnostics Site, Washington Street at Schwenck Drive, City of Kingston, New York

Sample Location				MW-3				
Sample Date				12/23/2009	4/20/2011	10/20/2011	3/27/2012	
Analyte		Units	Part 703 Groundwater Standard	TOGS 1.1.1 Groundwater Standard	Results			
EPA Method 8260 Volatile Organic Compounds	1,1,1,2-Tetrachloroethane	ug/L	5*	5	--	ND	ND	ND
	1,1,1-Trichloroethane		5*	5	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane		5*	5	--	ND	ND	ND
	1,1,2-Trichloroethane		1	1	--	ND	ND	ND
	1,1-Dichloroethane		5*	0.6	ND	ND	ND	ND
	1,1-Dichloroethylene		5*	5	ND	ND	ND	ND
	1,1-Dichloropropylene		NS	5	--	ND	ND	ND J
	1,2,3-Trichlorobenzene		5*	5	--	ND	ND	ND
	1,2,3-Trichloropropane		0.04	0.04	--	ND	ND	ND
	1,2,3-Trimethylbenzene		5*	5	--	ND	ND	ND
	1,2,4-Trichlorobenzene		5*	5	--	ND	ND	ND
	1,2,4-Trimethylbenzene		5*	5	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropane		0.04	0.04	--	ND	ND	ND
	1,2-Dibromoethane		NS	5	--	ND	ND	ND
	1,2-Dichlorobenzene		3**	3	--	ND	ND	ND
	1,2-Dichloroethane		0.6	0.6	--	ND	ND	ND
	1,2-Dichloroethylene (Total)		5*	5	8	ND	ND	ND
	1,2-Dichloropropane		1	1	--	ND	ND	ND
	1,3,5-Trimethylbenzene		5*	5	ND	ND	ND	ND
	1,3-Dichlorobenzene		3**	3	--	ND	ND	ND
	1,3-Dichloropropane		5*	5	--	ND	ND	ND
	1,4-Dichlorobenzene		3**	3	--	ND	ND	ND
	1-Chlorohexane		NS	5	--	ND	ND	ND
	2,2-Dichloropropane		5*	5	--	ND	ND	ND
	2-Chlorotoluene		5*	5	--	ND	ND	ND
	4-Chlorotoluene		5*	5	--	ND	ND	ND
	Benzene		1	1	--	ND	ND	ND
	Bromobenzene		5*	5	--	ND	ND	ND
	Bromochloromethane		5*	5	--	ND	ND	ND
	Bromodichloromethane		NS	50	--	ND	ND	ND
	Bromoform		NS	50	--	ND	ND	ND
	Bromomethane		5*	5	--	ND	ND	ND J
	Carbon Tetrachloride		5	5	--	ND	ND	ND J
	Chlorobenzene		5*	5	--	ND	ND	ND
	Chloroethane		5*	5	--	ND	ND	ND
	Chloroform		7	7	--	ND	ND	ND
	Chloromethane		NS	5	--	ND	ND	ND
	cis-1,3-Dichloropropylene		0.4**	5	--	ND	ND	ND
	Dibromochloromethane		NS	50	--	ND	ND	ND
	Dibromomethane		5*	5	--	ND	ND	ND
	Dichlorodifluoromethane		5*	5	--	ND	ND	R
	Ethylbenzene		5*	5	--	ND	ND	ND
	Hexachlorobutadiene		0.5	0.5	--	ND	ND	ND
	Isopropylbenzene		5*	5	ND	ND	ND	ND
	Methyl tert-butyl ether (MTBE)		NS	10	--	ND	ND	ND J
	Methylene chloride		5*	5	4	4.8 JB	5.1 JB	ND
	Naphthalene		10	10	ND	ND	ND	ND J
	n-Butylbenzene		5*	5	--	ND	ND	ND
	n-Propylbenzene		5*	5	ND	ND	ND	ND
	o-Xylene		5*	5	ND	ND	ND	ND
	p-&m-Xylenes		5*	5	ND	ND	ND	ND
	p-Isopropyltoluene		5*	5	ND	ND	ND	ND
	sec-Butylbenzene		5*	5	--	ND	ND	ND
	Styrene		5*	5	--	ND	ND	ND
	tert-Butylbenzene		5*	5	--	ND	ND	ND
	Tetrachloroethylene		5*	5	ND	ND	ND	ND
	Toluene		5*	5	ND	ND	ND	ND
	trans-1,3-Dichloropropylene		0.4**	5	--	ND	ND	ND
	Trichloroethylene		5*	5	11	ND	ND	ND
	Trichlorofluoromethane		5*	5	--	ND	ND	ND
	Vinyl chloride		1	1	2	ND	ND	ND
Sample Date				6/3/2010	4/20/2011	10/20/2011	3/27/2012	
EPA Method 6010 Priority Pollutant Metals	Antimony	ug/L	3	3	ND	ND	7	ND
	Arsenic		25	25	ND	10	11	ND
	Beryllium		11***	3	ND	ND	ND	ND
	Cadmium		5	5	ND	ND	ND	ND
	Chromium		50	50	5	5	12	ND
	Copper		200	200	10	ND	11	ND J
	Lead		25	25	12	ND	10	ND J
	Nickel		100	100	33	9	14	ND
	Selenium		10	10	ND	ND	ND	ND
	Silver		50	50	ND	ND	ND	ND
	Thallium		8	0.5	ND	ND	ND	ND
	Zinc		NS	2,000	27	35	40	29
	Mercury		0.7	1	ND	ND	ND	ND J

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Table 2: Groundwater Monitoring Data

BCP No. C356035 -Former Utility Platers and Kingston Diagnostics Site, Washington Street at Schwenck Drive, City of Kingston, New York

Sample Location					MW-4			
Sample Date					1/14/2010	4/20/2011	10/20/2011	3/27/2012
Analyte	Units	Part 703 Groundwater Standard	TOGS 1.1.1 Groundwater Standard	Results				
EPA Method 8260 Volatile Organic Compounds	1,1,1,2-Tetrachloroethane	5*	5	--	ND	ND	ND	ND
	1,1,1-Trichloroethane	5*	5	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	5*	5	--	ND	ND	ND	ND
	1,1,2-Trichloroethane	1	1	--	ND	ND	ND	ND
	1,1-Dichloroethane	5*	0.6	ND	ND	ND	ND	ND
	1,1-Dichloroethylene	5*	5	ND	ND	ND	ND	ND
	1,1-Dichloropropylene	NS	5	--	ND	ND	ND	ND J
	1,2,3-Trichlorobenzene	5*	5	--	ND	ND	ND	ND
	1,2,3-Trichloropropane	0.04	0.04	--	ND	ND	ND	ND
	1,2,3-Trimethylbenzene	5*	5	--	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	5*	5	--	ND	ND	ND	ND
	1,2,4-Trimethylbenzene	5*	5	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropane	0.04	0.04	--	ND	ND	ND	ND
	1,2-Dibromoethane	NS	5	--	ND	ND	ND	ND
	1,2-Dichlorobenzene	3**	3	--	ND	ND	ND	ND
	1,2-Dichloroethane	0.6	0.6	--	ND	ND	ND	ND
	1,2-Dichloroethylene (Total)	5*	5	ND	ND	ND	ND	ND
	1,2-Dichloropropane	1	1	--	ND	ND	ND	ND
	1,3,5-Trimethylbenzene	5*	5	ND	ND	ND	ND	ND
	1,3-Dichlorobenzene	3**	3	--	ND	ND	ND	ND
	1,3-Dichloropropane	5*	5	--	ND	ND	ND	ND
	1,4-Dichlorobenzene	3**	3	--	ND	ND	ND	ND
	1-Chlorohexane	NS	5	--	ND	ND	ND	ND
	2,2-Dichloropropane	5*	5	--	ND	ND	ND	ND
	2-Chlorotoluene	5*	5	--	ND	ND	ND	ND
	4-Chlorotoluene	5*	5	--	ND	ND	ND	ND
	Benzene	1	1	--	ND	1.6 J	ND	ND
	Bromobenzene	5*	5	--	ND	ND	ND	ND
	Bromochloromethane	5*	5	--	ND	ND	ND	ND
	Bromodichloromethane	NS	50	--	ND	ND	ND	ND
	Bromoform	NS	50	--	ND	ND	ND	ND
	Bromomethane	5*	5	--	ND	ND	ND	ND J
	Carbon Tetrachloride	5	5	--	ND	ND	ND	ND J
	Chlorobenzene	5*	5	--	ND	ND	ND	ND
	Chloroethane	5*	5	--	ND	ND	ND	ND
	Chloroform	7	7	--	ND	ND	ND	ND
	Chloromethane	NS	5	--	ND	ND	ND	ND
	cis-1,3-Dichloropropylene	0.4**	5	--	ND	ND	ND	ND
	Dibromochloromethane	NS	50	--	ND	ND	ND	ND
	Dibromomethane	5*	5	--	ND	ND	ND	ND
	Dichlorodifluoromethane	5*	5	--	ND	ND	ND	R
	Ethylbenzene	5*	5	--	ND	ND	ND	ND
	Hexachlorobutadiene	0.5	0.5	--	ND	ND	ND	ND
	Isopropylbenzene	5*	5	ND	ND	ND	ND	ND
	Methyl tert-butyl ether (MTBE)	NS	10	--	ND	ND	0.82 J	ND J
	Methylene chloride	5*	5	2	4.3 JB	4.5 JB	ND	ND
	Naphthalene	10	10	2	ND	ND	ND	ND J
	n-Butylbenzene	5*	5	--	ND	ND	ND	ND
	n-Propylbenzene	5*	5	ND	ND	ND	ND	ND
	o-Xylene	5*	5	ND	ND	ND	ND	ND
	p-&m-Xylenes	5*	5	ND	ND	ND	ND	ND
	p-Isopropyltoluene	5*	5	ND	ND	ND	ND	ND
	sec-Butylbenzene	5*	5	--	ND	ND	ND	ND
	Styrene	5*	5	--	ND	ND	ND	ND
	tert-Butylbenzene	5*	5	--	ND	ND	ND	ND
	Tetrachloroethylene	5*	5	ND	ND	ND	ND	ND
	Toluene	5*	5	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropylene	0.4**	5	--	ND	ND	ND	ND
	Trichloroethylene	5*	5	ND	ND	ND	ND	ND
	Trichlorofluoromethane	5*	5	--	ND	ND	ND	ND
	Vinyl chloride	1	1	ND	ND	ND	ND	ND
Sample Date					6/3/2010	4/20/2011	10/20/2011	3/27/2012
EPA Method 6010 Priority Pollutant Metals	Antimony	ug/L	3	3	ND	ND	ND	ND
	Arsenic		25	25	10	26	25	21
	Beryllium		11***	3	ND	ND	ND	ND
	Cadmium		5	5	ND	ND	ND	ND
	Chromium		50	50	ND	8	ND	ND
	Copper		200	200	17	12	11	7 J
	Lead		25	25	19	6	10	5 J
	Nickel		100	100	10	21	9	5 J
	Selenium		10	10	11	ND	ND	ND
	Silver		50	50	ND	ND	ND	ND
	Thallium		8	0.5	ND	ND	ND	ND
	Zinc		NS	2,000	47	76	40	28
	Mercury		0.7	1	ND	ND	ND	ND J

NOTES:

- 1) * denotes that the principal organic compound (POC) standard of 5 ug/L applies to this compound
- 2) ** denotes that this standard applies to the sum of both isomers
- 3) *** denotes that this standard applies as long as total hardness is below 75 mg/L. If total hardness > 75 mg/L, the standard is 1,100 ug/L
- 4) NS = No standard exists in Part 703 for this compound
- 5) ND = Not detected
- 6) -- = Not analyzed for this compound.
- 7) Results exceeding one or both groundwater quality standards are presented in **BOLD** and shaded.
- 8) The flag J denotes a detection above the minimum detection but below the reporting limit. The noted concentration is an estimate.
- 9) The flag B denotes a compound that was also detected in the laboratory method blank. Therefore, this detection may represent a laboratory artifact.
- 10) The flag R indicates data rejected by the data validator due to laboratory QA/QC issues

Table 2: Groundwater Monitoring Data
BCP No. C356035 -Former Utility Platers and Kingston Diagnositcs Site, Washington Street at Schwenck Drive, City of Kingston, New York

Sample ID					MW-5			
Sample Date					1/14/2010	4/20/2011	10/20/2011	3/27/2012
Analyte	Units	Part 703 Groundwater Standard	TOGS 1.1.1 Groundwater Standard	Results				
EPA Method 8260 Volatile Organic Compounds	1,1,1,2-Tetrachloroethane	5*	5	--	ND	ND	ND	ND
	1,1,1-Trichloroethane	5*	5	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	5*	5	--	ND	ND	ND	ND
	1,1,2-Trichloroethane	1	1	--	ND	ND	ND	ND
	1,1-Dichloroethane	5*	0.6	ND	ND	ND	ND	ND
	1,1-Dichloroethylene	5*	5	ND	ND	ND	ND	ND
	1,1-Dichloropropylene	NS	5	--	ND	ND	ND	ND J
	1,2,3-Trichlorobenzene	5*	5	--	ND	ND	ND	ND
	1,2,3-Trichloropropane	0.04	0.04	--	ND	ND	ND	ND
	1,2,3-Trimethylbenzene	5*	5	--	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	5*	5	--	ND	ND	ND	ND
	1,2,4-Trimethylbenzene	5*	5	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropane	0.04	0.04	--	ND	ND	ND	ND
	1,2-Dibromoethane	NS	5	--	ND	ND	ND	ND
	1,2-Dichlorobenzene	3**	3	--	ND	ND	ND	ND
	1,2-Dichloroethane	0.6	0.6	--	ND	ND	ND	ND
	1,2-Dichloroethylene (Total)	5*	5	ND	ND	3.4 J	ND	ND
	1,2-Dichloropropane	1	1	--	ND	ND	ND	ND
	1,3,5-Trimethylbenzene	5*	5	ND	ND	ND	ND	ND
	1,3-Dichlorobenzene	3**	3	--	ND	ND	ND	ND
	1,3-Dichloropropane	5*	5	--	ND	ND	ND	ND
	1,4-Dichlorobenzene	3**	3	--	ND	ND	ND	ND
	1-Chlorohexane	NS	5	--	ND	ND	ND	ND
	2,2-Dichloropropane	5*	5	--	ND	ND	ND	ND
	2-Chlorotoluene	5*	5	--	ND	ND	ND	ND
	4-Chlorotoluene	5*	5	--	ND	ND	ND	ND
	Benzene	1	1	--	ND	ND	ND	ND
	Bromobenzene	5*	5	--	ND	ND	ND	ND
	Bromochloromethane	5*	5	--	ND	ND	ND	ND
	Bromodichloromethane	NS	50	--	ND	ND	ND	ND
	Bromoform	NS	50	--	ND	ND	ND	ND
	Bromomethane	5*	5	--	ND	ND	ND	ND J
	Carbon Tetrachloride	5	5	--	ND	ND	ND	ND J
	Chlorobenzene	5*	5	--	ND	ND	ND	ND
	Chloroethane	5*	5	--	ND	ND	ND	ND
	Chloroform	7	7	--	ND	ND	ND	ND
	Chloromethane	NS	5	--	ND	ND	ND	ND
	cis-1,3-Dichloropropylene	0.4**	5	--	ND	ND	ND	ND
	Dibromochloromethane	NS	50	--	ND	ND	ND	ND
	Dibromomethane	5*	5	--	ND	ND	ND	ND
	Dichlorodifluoromethane	5*	5	--	ND	ND	ND	ND
	Ethylbenzene	5*	5	--	ND	ND	ND	ND
	Hexachlorobutadiene	0.5	0.5	--	ND	ND	ND	ND
	Isopropylbenzene	5*	5	ND	ND	ND	ND	ND
	Methyl tert-butyl ether (MTBE)	NS	10	--	ND	ND	ND	ND J
	Methylene chloride	5*	5	2	3.9 JB	4.6 JB	ND	ND
	Naphthalene	10	10	ND	ND	ND	ND	ND J
	n-Butylbenzene	5*	5	--	ND	ND	ND	ND
	n-Propylbenzene	5*	5	ND	ND	ND	ND	ND
	o-Xylene	5*	5	ND	ND	ND	ND	ND
	p-&m-Xylenes	5*	5	ND	ND	ND	ND	ND
	p-Isopropyltoluene	5*	5	ND	ND	ND	ND	ND
	sec-Butylbenzene	5*	5	--	ND	ND	ND	ND
	Styrene	5*	5	--	ND	ND	ND	ND
	tert-Butylbenzene	5*	5	--	ND	ND	ND	ND
	Tetrachloroethylene	5*	5	ND	ND	ND	ND	ND
	Toluene	5*	5	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropylene	0.4**	5	--	ND	ND	ND	ND
	Trichloroethylene	5*	5	ND	ND	6.1	ND	ND
	Trichlorofluoromethane	5*	5	--	ND	ND	ND	ND
	Vinyl chloride	1	1	ND	ND	ND	ND	ND
Sample Date					6/3/2010	4/20/2011	10/20/2011	3/27/2012
EPA Method 6010 Priority Pollutant Metals	Antimony	ug/L	3	3	ND	ND	ND	ND
	Arsenic		25	25	ND	ND	ND	ND
	Beryllium		11***	3	ND	ND	ND	ND
	Cadmium		5	5	ND	ND	ND	ND
	Chromium		50	50	7	ND	ND	ND
	Copper		200	200	94	ND	7	ND J
	Lead		25	25	47	3	6	ND J
	Nickel		100	100	29	8	5	ND
	Selenium		10	10	ND	ND	ND	ND
	Silver		50	50	ND	ND	ND	ND
	Thallium		8	0.5	ND	ND	ND	ND
	Zinc		NS	2,000	80	35	25	ND
	Mercury		0.7	1	ND	ND	ND	ND J

NOTES:

- 1) * denotes that the principal organic compound (POC) standard of 5 ug/L applies to this compound
- 2) ** denotes that this standard applies to the sum of both isomers
- 3) *** denotes that this standard applies as long as total hardness is below 75 mg/L. If total hardness > 75 mg/L, the standard is 1,100 ug/L
- 4) NS = No standard exists in Part 703 for this compound
- 5) ND = Not detected
- 6) -- = Not analyzed for this compound.
- 7) Results exceeding one or both groundwater quality standards are presented in **BOLD** and shaded.
- 8) The flag J denotes a detection above the minimum detection but below the reporting limit. The noted concentration is an estimate.
- 9) The flag B denotes a compound that was also detected in the laboratory method blank. Therefore, this detection may represent a laboratory artifact.
- 10) The flag R indicates data rejected by the data validator due to laboratory QA/QC issues

Table 3
Indoor Air Quality Sampling Results

BCP Site No. C356035 - Former Utility Platers/ Kingston Diagnostics - Schwenck Drive and Washington Avenue, City of Kingston, Ulster County, New York

Sample Date		April 20, 2011	March 27, 2012
NYSDOH Matrix Indoor Air Matrix	Analyte	NR-IAQ-001	KC-IAQ-001
		ug/m3	ug/m3
Matrix 1	Carbon tetrachloride	0.64	ND
	Trichloroethylene	0.55	ND
	Vinyl Chloride	ND	ND
Matrix 2	1,1,1-Trichloroethane	ND	ND
	1,1-Dichloroethylene	0.13	ND
	cis-1,2-Dichloroethylene	4.4	ND
	Tetrachloroethylene	0.60	ND
SSDS Effluent	Total VOCs (ppm)	0.00	0.00
SSDS Pressure	inches in Water Column	0.5	0.23

Notes:

- NYSDOH Matrix 1 Least Restrictive Action Level: 0.25 ug/m³ for Indoor Air; Most Restrictive Action Level: 5 ug/m3 and above for Indoor Air
- NYSDOH Matrix 2 Least Restrictive Action Level: less than 3 ug/m³; Most Restrictive Action Level: 100 ug/m3 and above for Indoor Air
- ug/m³=Micrograms per cubic meter
- ND = compound was not detected above laboratory method detection limit

Appendix A:
Field Sampling Sheets, SSDS Monitoring Forms, Site-
Wide Inspection Form

Chazen Environmental Services, Inc Field Data Sheet

SAMPLE INFORMATION:

Sample ID: NR-MW-1

Sample Date: 4/20/2011

Sample Time: 1725

Well ID: MW-1

Sample Matrix: GW SW DW Soil Other: _____

Project Name: Northeast Peter

Project and Task#: 41103.00

Sample Location/Task: Annual Sampling

Proj. Manager: Michael

WELL INFORMATION:

Well Condition: Good

Lock Type: None

Key #: N/A

PURGE DATA:

Measuring Point: TOC-PVC

Depth to Bottom: 26.20

Water Level: 14.23

Height of Water Column: 11.97

Purge Method: BAILER

Start Date: 4/20/2011

Start Time: 1443

Stop Time: 1452

Calculated Volume:

A = Water Column

(Bottom Depth-Depth to Water)

B = Gallons/Foot

C = # of Volumes To Be Purged

A x B x C = Gallons To Be Purged

Gallons to be purged: 5.85

Pipe Width	Gal/Foot
1.5".....	0.092
2.0".....	0.163
3.0".....	0.367
4.0".....	0.653
6.0".....	1.469
8.0".....	2.611

Actual Volume:

Purge Rate (gpm): _____

Elapsed Time (min): 9

Well Volumes Purged (#): 11

Purge Volume (gal): ~2.1

Well went dry?: • No • Yes

Condition: • No Odor • Odor

• Clear • Sl.Turbid • Turbid

FIELD RESULTS:

Water Level	Sample Depth	Temperature °C	pH	Conductivity $\mu S/cm$	Turbidity	Other: <u>odor</u>
<u>14.23</u>	<u>Start</u>	<u>11.1</u>	<u>6.67</u>	<u>1887</u>	<u>slight orange</u>	<u>none</u>
	<u>Volume 1</u>	<u>11.3</u>	<u>6.63</u>	<u>1942</u>	<u>brown</u>	<u>none</u>
	<u>Volume 2</u>		<u>Well Dry</u>			
	<u>Volume 3</u>					
	<u>Volume 4</u>					
<u>14.23</u>	<u>Sample</u>	<u>10.7</u>	<u>6.83</u>	<u>1950</u>	<u>v. slight brown</u>	<u>none</u>

SAMPLE INFORMATION:

Sample Method: BAILER

Sample Type: • Composite • Grab

i.e. Peristaltic, Submersible, Dedicated or Disp. Bailer, Waterra, etc..

Sample Depth: _____

Weather: overcast, 50s, breezy

Sample Technician(s): EDJ

Notes: NR-MW-DUP collected here at 1725 (Time marked 0000)
* lots of iron flocculate noted in water.

LAB REQUESTS:

Laboratory Name: YORK

Analysis/Method: 8260 VOC

Turn Around Time: Std

Priority Pollutant Metals

QA/QC

• Duplicate • Field Blank • Equip. Blank • Trip Blank

SAMPLE TRANSPORT:

Transported Via: York

Date: 4/21

Chazen Environmental Services, Inc

Field Data Sheet

SAMPLE INFORMATION:

Sample ID: NR-MW-3 Sample Date: 4/20/2011 Sample Time: 1655
 Well ID: MW-3 Sample Matrix: GW SW DW Soil Other: _____
 Project Name: Northeast Petrol Project and Task#: 41103.00
 Sample Location/Task: Annual Sampling Proj. Manager: Michael

WELL INFORMATION:

Well Condition: Good
 Lock Type: None Key #: N/A

PURGE DATA:

Measuring Point: TOC-PVC **Calculated Volume:**
 Depth to Bottom: 24.75 A = Water Column
 Water Level: 5.58 (Bottom Depth-Depth to Water)
 Height of Water Column: 19.17 B = Gallons/Foot
 Purge Method: BAILER C = # of Volumes To Be Purged
 Start Date: 4/20/2011 A x B x C = Gallons To Be Purged
 Start Time: 1306
 Stop Time: 1318 Gallons to be purged: 9.4

Pipe Width	Gal/Foot
1.5"	0.092
2.0"	0.163
3.0"	0.367
4.0"	0.653
6.0"	1.469
8.0"	2.611

Actual Volume:
 Purge Rate (gpm): _____
 Elapsed Time (min): 12
 Well Volumes Purged (#): 14
 Purge Volume (gal): 24
 Well went dry?: • No • Yes
 Condition: • No Odor • Odor
 • Clear • SI.Turbid • Turbid

FIELD RESULTS:

Water Level	Sample Depth	Temperature °C	pH	Conductivity µS/cm	Turbidity	Other: <u>odor</u>
<u>5.58</u>	<u>Start</u>	<u>9.5</u>	<u>7.44</u>	<u>475</u>	<u>clear</u>	<u>none</u>
	<u>Volume 1</u>	<u>12.0</u>	<u>6.95</u>	<u>1613</u>	<u>grey-brown</u>	<u>none</u>
	<u>Volume 2</u>		<u>Well Dry</u>			
	<u>Volume 3</u>					
	<u>Volume 4</u>					
<u>9.50</u>	<u>Sample</u>	<u>11.4</u>	<u>7.14</u>	<u>1743</u>	<u>v.slight grey</u>	<u>none</u>

SAMPLE INFORMATION:

Sample Method: BAILER Sample Type: • Composite • Grab
i.e. Peristaltic, Submersible, Dedicated or Disp. Bailer, Waterra, etc..
 Weather: overcast, 50's, 11. rain Sample Depth: _____
 Sample Technician(s): sgo
 Notes: _____

LAB REQUESTS:

Laboratory Name: YORK Analysis/Method: 8260 VOC Turn Around Time: Std
Priority Pollutant Metals

QA/QC

• Duplicate • Field Blank • Equip. Blank • Trip Blank

SAMPLE TRANSPORT:

Transported Via: York Date: 4/21

Chazen Environmental Services, Inc Field Data Sheet

SAMPLE INFORMATION:

Sample ID: NR-MW-4

Sample Date: 4/20/2011

Sample Time: 1130

Well ID: MW-4

Sample Matrix: GW SW DW Soil Other:

Project Name: NE Retail

Project and Task#: 41103.00

Sample Location/Task: Annual Sampling

Proj. Manager: Michael

WELL INFORMATION:

Well Condition: Good-flush mount

Lock Type: None Key #: N/A

PURGE DATA:

Measuring Point: TOC-PRC

Depth to Bottom: 24.87

Water Level: 5.92

Height of Water Column: 18.95

Purge Method: BAILER

Start Date: 4/20/2011

Start Time: 1034

Stop Time: 1056

Calculated Volume:

A = Water Column
(Bottom Depth-Depth to Water)
B = Gallons/Foot
C = # of Volumes To Be Purged
A x B x C = Gallons To Be Purged

Pipe Width	Gal/Foot
1.5"	0.092
2.0"	0.163
3.0"	0.367
4.0"	0.653
6.0"	1.469
8.0"	2.611

Gallons to be purged: 9.3

Actual Volume:

Purge Rate (gpm): _____

Elapsed Time (min): 22

Well Volumes Purged (#): 3

Purge Volume (gal): 9.5

Well went dry?: No • Yes

Condition: • No Odor • Odor

• Clear • Sl. Turbid • Turbid

FIELD RESULTS:

Water Level	Sample Depth	Temperature °C	pH	Conductivity $\mu S/cm$	Turbidity	Other: <u>odor</u>
<u>5.92</u>	<u>Start</u>	<u>8.5</u>	<u>7.00</u>	<u>930</u>	<u>clear</u>	<u>none</u>
	<u>Volume 1</u>	<u>11.8</u>	<u>6.83</u>	<u>2645</u>	<u>brown</u>	<u>none</u>
	<u>Volume 2</u>	<u>12.3</u>	<u>6.86</u>	<u>2551</u>	<u>grey</u>	<u>none</u>
<u>21.22</u>	<u>Volume 3</u>	<u>12.3</u>	<u>6.86</u>	<u>2599</u>	<u>grey</u>	<u>none</u>
	<u>Volume 4</u>					
<u>7.45</u>	<u>Sample</u>	<u>10.4</u>	<u>6.94</u>	<u>2625</u>	<u>slight grey</u>	<u>none</u>

SAMPLE INFORMATION:

Sample Method: BAILER

Sample Type: • Composite Grab

i.e. Peristaltic, Submersible, Dedicated or Disp. Bailer, Waterra, etc..

Sample Depth: _____

Weather: overcast, 14. rain, 50's

Sample Technician(s): EJO

Notes: _____

LAB REQUESTS:

Laboratory Name: YORK

Analysis/Method: 8260 VOC

Turn Around Time: Std

Priority Pollutant Metals

QA/QC

• Duplicate • Field Blank • Equip. Blank • Trip Blank

SAMPLE TRANSPORT:

Transported Via: York Date: 4/21

Chazen Environmental Services, Inc

Field Data Sheet

SAMPLE INFORMATION:

Sample ID: NK-MW-5 Sample Date: 4/20/2011 Sample Time: 1550
 Well ID: MW-5 Sample Matrix: GW SW DW Soil Other: _____
 Project Name: Northeast ~~Retail~~ Project and Task#: 41103.00
 Sample Location/Task: Annual Sampling Proj. Manager: Michael

WELL INFORMATION:

Well Condition: Good
 Lock Type: None Key #: N/A

PURGE DATA:

Measuring Point: TOC-PVC Calculated Volume: _____ Actual Volume: _____
 Depth to Bottom: 24.30 A = Water Column (Bottom Depth-Depth to Water) Pipe Gal/Width Foot
 Water Level: 6.84 B = Gallons/Foot 1.5".....0.092
 Height of Water Column: 17.46 C = # of Volumes To Be Purged 2.0".....0.163
 Purge Method: BAILER A x B x C = Gallons To Be Purged 3.0".....0.367
 Start Date: 4/20/2011 4.0".....0.653
 Start Time: 1211 6.0".....1.469
 Stop Time: 1226 8.0".....2.611
 Gallons to be purged: 8.54

Purge Rate (gpm): _____
 Elapsed Time (min): 15
 Well Volumes Purged (#): 24
 Purge Volume (gal): 6.2
 Well went dry?: • No • Yes
 Condition: • No Odor • Odor
 • Clear • Sl.Turbid • Turbid

FIELD RESULTS:

Water Level	Sample Depth	Temperature	pH	ms/cm Conductivity	Turbidity	Other: <u>odor</u>
<u>6.84</u>	Start	<u>9.1</u>	<u>6.77</u>	<u>2413</u>	<u>clear</u>	<u>none</u>
	Volume 1	<u>10.9</u>	<u>6.61</u>	<u>2254</u>	<u>brown</u>	<u>none</u>
	Volume 2	<u>11.8</u>	<u>6.70</u>	<u>2367</u>	<u>grey-brown</u>	<u>none</u>
	Volume 3		<u>Well Went Dry</u>			
	Volume 4					
<u>9.60</u>	Sample	<u>11.1</u>	<u>6.94</u>	<u>2371</u>	<u>clear</u>	<u>none</u>

SAMPLE INFORMATION:

Sample Method: BAILER Sample Type: • Composite • Grab
i.e. Peristaltic, Submersible, Dedicated or Disp. Bailer, Waterra, etc.. Sample Depth: _____
 Weather: overcast, 50's, lt. rain Sample Technician(s): ETO
 Notes: _____

LAB REQUESTS:

Laboratory Name: York Analysis/Method: 8260 VOCs Turn Around Time: Std
Priority Pollutant Metals

QA/QC

• Duplicate • Field Blank • Equip. Blank • Trip Blank

SAMPLE TRANSPORT:

Transported Via: York Date: 4/21

SITE INSPECTION REPORT

Person performing Inspection: Eric J. Orlewski Date: 4/20/2011 Weather: overcast, 50s
 Signature: [Signature] Page: 1 of 2

Chestlist Items:	Acceptable	Not Acceptable	Remarks/Locations
There is no evidence of erosion of cover soils/materials from Site surface.	☒	☐	
There is no evidence of depressions in cover materials.	☒	☐	
There is no evidence of significant cracks in cover materials.	☒	☐	
There is no evidence of exposed or damaged demarcation barrier.	☒	☐	
There is no evidence of vapors or odors emanating from the Site.	☒	☐	
Vegetation is well established over greenspace areas.	☒	☐	
There is no evidence of stressed vegetation.	☒	☐	
There is no evidence of bare or thin vegetative cover.	☒	☐	
There is no evidence of overgrowth or areas that need to be mowed.	☒	☐	
There is no evidence of recent areas of excavation or disturbed areas.	☒	☐	
No vectors or vector activity (e.g. tracks, droppings, dens, etc.) were observed.	☒	☐	
There was no evidence of damage to the soil cover system due to the vector activity.	☒	☐	
There is no evidence of erosion around drainage structures.	☐	☒	Minor erosion around catch basin at NE corner of site.
There is no evidence of settlement of drainage structures	☒	☐	
Manhole covers present and in good condition.	☒	☐	
There is no evidence of siltation, debris, or other restrictions in the manholes.	☒	☐	
There are no exposed or damaged weep hole extension along retaining wall.	☒	☐	

SITE INSPECTION REPORT

Person performing inspection: Eric J. Orlewski Date: 4/20/2011 Weather: overcast, 50s
 Signature: [Signature] Page: 2 of 2

CONTINUING MONITORING

Chestlist Items:	Acceptable	Not Acceptable	Remarks/Locations
The monitoring wells are in generally good condition.	☒	☐	
Well Caps are installed on the wells.	☒	☐	
Locks present and secured.	☐	☐	NA - no locks - flush mount wells

GENERAL SITE INFORMATION

Site accessible and passable.	☒	☐	
The Site continues to be utilized for commercial or restricted residential uses only.	☒	☐	
There is no evidence of groundwater extraction and/or use on Site.	☒	☐	
drainage structures			

ADDITIONAL COMMENTS

Kingston CVS Site SSDS Inspection Worksheet

Date: 4/20/2011	Inspector: Eric Orłowski		
	Yes	No	General Comments/Notes
Is the system running normally?	☒		
Is the indicator light functioning?	☒		
Is the electrical/ control panel secure?	☒		
Does the inlet pipe (copper) feel cool/cold to the touch?	☒		
Does the outlet pipe (copper) feel warm but not hot?	☒		
Is the stack clear and evenly discharging air?	☒		
Is there any water being exhausted from the stack?		☒	
Does the effluent air have any noticeable odor?		☒	
Does the blower feel warm but not hot?	☒		
Does the blower sound as if it's running smoothly?	☒		

<i>System Readings</i>		
Time	Pressure (in WC)	PID (ppm)
1020	0.5	0.0

Chazen Environmental Services, Inc Field Data Sheet

SAMPLE INFORMATION:

Sample ID: KC-MW-1 1011

Sample Date: 10/20/2011

Sample Time: 1736

Well ID: MW-1

Sample Matrix: GW SW DW Soil Other: _____

Project Name: Kingsdon CVS

Project and Task#: 41103.00

Sample Location/Task: Semi-Annual

Proj. Manager: Pereira

WELL INFORMATION:

Well Condition: Good - flush mount

Lock Type: None Key #: N/A

PURGE DATA:

Measuring Point: TDC-PVC

Depth to Bottom: 25.20

Water Level: 14.34

Height of Water Column: 10.86

Purge Method: BAILER

Start Date: 10/20/2011

Start Time: 1506

Stop Time: 1512

Calculated Volume:

A = Water Column
(Bottom Depth-Depth to Water)

B = Gallons/Foot

C = # of Volumes To Be Purged

A x B x C = Gallons To Be Purged

Gallons to be purged: 5.3

Pipe Width	Gal/Foot
1.5"	0.092
2.0"	0.163
3.0"	0.367
4.0"	0.653
6.0"	1.469
8.0"	2.611

Actual Volume:

Purge Rate (gpm): _____

Elapsed Time (min): 6

Well Volumes Purged (#): 1+

Purge Volume (gal): 3.2

Well went dry?: • No • Yes

Condition: • No Odor • Odor

• Clear • Sl. Turbid • Turbid

FIELD RESULTS:

Water Level	Sample Depth	Temperature	pH	Conductivity	Turbidity	Other: <u>odor</u>
<u>14.34</u>	<u>Start</u>	<u>16.4</u>	<u>6.58</u>	<u>2055</u>	<u>sl. black</u>	<u>septic</u>
	<u>Volume 1</u>	<u>15.7</u>	<u>6.74</u>	<u>2061</u>	<u>sl. black</u>	<u>septic</u>
	<u>Volume 2</u>		<u>Well Went Dry</u>			
	<u>Volume 3</u>					
	<u>Volume 4</u>					
<u>14.47</u>	<u>Sample</u>	<u>15.9</u>	<u>6.72</u>	<u>1936</u>	<u>sl. black</u>	<u>septic</u>

SAMPLE INFORMATION:

Sample Method: BAILER

Sample Type: • Composite • Grab

i.e. Peristaltic, Submersible, Dedicated or Disp. Bailer, Waterra, etc..

Sample Depth: _____

Weather: partly cloudy, bbs, windy

Sample Technician(s): SPU

Notes: _____

KC-MW-DUP collected here.

LAB REQUESTS:

Laboratory Name: York

Analysis/Method: 8260

Turn Around Time: STD

Priority Pollutant Metals

QA/QC

• Duplicate • Field Blank • Equip. Blank • Trip Blank

SAMPLE TRANSPORT:

Transported Via: York Date: 10/21

Chazen Environmental Services, Inc Field Data Sheet

SAMPLE INFORMATION:

Sample ID: KC-MW-2 1011

Sample Date: 10/20/2011

Sample Time: 1729

Well ID: MW-2

Sample Matrix: GW SW DW Soil Other: _____

Project Name: Kingston CVS

Project and Task#: 41103.00

Sample Location/Task: Semi-Annual

Proj. Manager: Pereira

WELL INFORMATION:

Well Condition: Good - flush mount

Lock Type: None Key #: N/A

PURGE DATA:

Measuring Point: TDC-PVC

Depth to Bottom: 24.50

Water Level: 12.54

Height of Water Column: 11.96

Purge Method: BAILER

Start Date: 10/20/2011

Start Time: 1445

Stop Time: 1451

Calculated Volume:

A = Water Column
(Bottom Depth-Depth to Water)

B = Gallons/Foot

C = # of Volumes To Be Purged

A x B x C = Gallons To Be Purged

Gallons to be purged: 5.8

Pipe Width	Gal/Foot
1.5"	0.092
2.0"	0.163
3.0"	0.367
4.0"	0.653
6.0"	1.469
8.0"	2.611

Actual Volume:

Purge Rate (gpm): _____

Elapsed Time (min): 6

Well Volumes Purged (#): 17

Purge Volume (gal): 2.4

Well went dry?: • No • Yes

Condition: • No Odor • Odor

• Clear • SI.Turbid • Turbid

FIELD RESULTS:

Water Level	Sample Depth	Temperature	pH	Conductivity	Turbidity	Other: <u>odor</u>
<u>12.54</u>	<u>Start</u>	<u>17.6</u>	<u>6.23</u>	<u>1539</u>	<u>to sl. brown</u>	<u>sl. sulfur</u>
	<u>Volume 1</u>	<u>16.0</u>	<u>6.40</u>	<u>1530</u>	<u>brown</u>	<u>sulfur/septic</u>
	<u>Volume 2</u>		<u>Well</u>	<u>Went Dry</u>		
	<u>Volume 3</u>					
	<u>Volume 4</u>					
<u>13.30</u>	<u>Sample</u>	<u>15.9</u>	<u>6.59</u>	<u>1465</u>	<u>sl. brown</u>	<u>sl. sulfur</u>

SAMPLE INFORMATION:

Sample Method: BAILER

Sample Type: • Composite • Grab

i.e. Peristaltic, Submersible, Dedicated or Disp. Bailer, Waterra, etc.

Sample Depth: _____

Weather: partly cloudy, 60s, windy

Sample Technician(s): EJO

Notes: _____

LAB REQUESTS:

Laboratory Name: York

Analysis/Method: 8260
Priority Pollutant Metals

Turn Around Time: Std

QA/QC

• Duplicate • Field Blank • Equip. Blank • Trip Blank

SAMPLE TRANSPORT:

Transported Via: York Date: 10/21

Chazen Environmental Services, Inc Field Data Sheet

SAMPLE INFORMATION:

Sample ID: KC-MW-3 1011

Sample Date: 10/20/2011

Sample Time: 1722

Well ID: MW-3

Sample Matrix: GW SW DW Soil Other: _____

Project Name: Kingston CVS

Project and Task#: 41103.00

Sample Location/Task: Semi-Annual

Proj. Manager: Pereira

WELL INFORMATION:

Well Condition: Good - flush mount

Lock Type: None Key #: N/A

PURGE DATA:

Measuring Point: TOC-PVC

Depth to Bottom: 24.75

Water Level: 5.43

Height of Water Column: 19.32

Purge Method: BAILER

Start Date: 10/20/2011

Start Time: 1426

Stop Time: 1434

Calculated Volume:

A = Water Column
(Bottom Depth-Depth to Water)

B = Gallons/Foot

C = # of Volumes To Be Purged

A x B x C = Gallons To Be Purged

Gallons to be purged: 9.4

Pipe Width	Gal/Foot
1.5"	0.092
2.0"	0.163
3.0"	0.367
4.0"	0.653
6.0"	1.469
8.0"	2.611

Actual Volume:

Purge Rate (gpm): _____

Elapsed Time (min): 8

Well Volumes Purged (#): 1+

Purge Volume (gal): ~4.5

Well went dry?: • No • Yes

Condition: • No Odor • Odor

• Clear • SI.Turbid • Turbid

FIELD RESULTS:

Water Level	Sample Depth	Temperature	pH	Conductivity	Turbidity	Other: <u>odor</u>
<u>5.43</u>	<u>Start</u>	<u>19.2</u>	<u>6.81</u>	<u>1344</u>	<u>SI grey</u>	<u>none</u>
	<u>Volume 1</u>	<u>16.1</u>	<u>6.92</u>	<u>2304</u>	<u>grey</u>	<u>septic</u>
	<u>Volume 2</u>					
	<u>Volume 3</u>					
	<u>Volume 4</u>					
<u>10.18</u>	<u>Sample</u>	<u>16.8</u>	<u>7.16</u>	<u>2160</u>	<u>SI grey</u>	<u>septic</u>

SAMPLE INFORMATION:

Sample Method: BAILER
i.e. Peristaltic, Submersible, Dedicated or Disp. Bailer, Waterra, etc.

Sample Type: • Composite • Grab

Weather: partly cloudy, 60s, windy

Sample Depth: _____

Notes: _____

Sample Technician(s): EJC

LAB REQUESTS:

Laboratory Name: York

Analysis/Method: 8260

Turn Around Time: _____

Priority Pollutant Metals

std

QA/QC

• Duplicate • Field Blank • Equip. Blank • Trip Blank

SAMPLE TRANSPORT:

Transported Via: York

Date: 10/21

Chazen Environmental Services, Inc Field Data Sheet

SAMPLE INFORMATION:

Sample ID: KC-MW-4 1011 Sample Date: 10/20/2011 Sample Time: 1414
 Well ID: MW-4 Sample Matrix: GW SW DW Soil Other: _____
 Project Name: Kingston CVS Project and Task#: 41103.00
 Sample Location/Task: Semi-Annual Proj. Manager: Pereira

WELL INFORMATION:

Well Condition: Good-flush mount
 Lock Type: None Key #: N/A

PURGE DATA:

Measuring Point: <u>TOC-PVC</u> Depth to Bottom: <u>24.87</u> Water Level: <u>5.84</u> Height of Water Column: <u>19.03</u> Purge Method: <u>BAILER</u> Start Date: <u>10/20/2011</u> Start Time: <u>1331</u> Stop Time: <u>1346</u>	Calculated Volume: A = Water Column (Bottom Depth-Depth to Water) B = Gallons/Foot C = # of Volumes To Be Purged A x B x C = Gallons To Be Purged Gallons to be purged: <u>9.31</u>	<table border="1" style="font-size: small;"> <tr> <th>Pipe Width</th> <th>Gal/Foot</th> </tr> <tr> <td>1.5"</td> <td>0.092</td> </tr> <tr> <td>2.0"</td> <td>0.163</td> </tr> <tr> <td>3.0"</td> <td>0.367</td> </tr> <tr> <td>4.0"</td> <td>0.653</td> </tr> <tr> <td>6.0"</td> <td>1.469</td> </tr> <tr> <td>8.0"</td> <td>2.611</td> </tr> </table>	Pipe Width	Gal/Foot	1.5"	0.092	2.0"	0.163	3.0"	0.367	4.0"	0.653	6.0"	1.469	8.0"	2.611	Actual Volume: Purge Rate (gpm): _____ Elapsed Time (min): <u>15</u> Well Volumes Purged (#): <u>3</u> Purge Volume (gal): <u>9.5</u> Well went dry?: <u>No</u> • Yes Condition: • <u>No Odor</u> • Odor • Clear • Sl.Turbid • <u>Turbid</u>
Pipe Width	Gal/Foot																
1.5"	0.092																
2.0"	0.163																
3.0"	0.367																
4.0"	0.653																
6.0"	1.469																
8.0"	2.611																

FIELD RESULTS:

Water Level	Sample Depth	Temperature	pH	Conductivity	Turbidity	Other: <u>odor</u>
<u>5.84</u>	<u>Start</u>	<u>19.4</u>	<u>6.44</u>	<u>1072</u>	<u>sl. brown</u>	<u>none</u>
	<u>Volume 1</u>	<u>16.0</u>	<u>6.75</u>	<u>2700</u>	<u>brown</u>	<u>none</u>
	<u>Volume 2</u>	<u>15.3</u>	<u>6.98</u>	<u>2796</u>	<u>grey-brown</u>	<u>none</u>
<u>22.12</u>	<u>Volume 3</u>	<u>15.2</u>	<u>6.97</u>	<u>2889</u>	<u>grey brown</u>	<u>none</u>
	<u>Volume 4</u>					
<u>7.47</u>	<u>Sample</u>	<u>15.7</u>	<u>6.61</u>	<u>2875</u>	<u>sl. brown</u>	<u>none</u>

SAMPLE INFORMATION:

Sample Method: BAILER Sample Type: • Composite • Grab
i.e. Peristaltic, Submersible, Dedicated or Disp. Bailer, Waterra, etc. Sample Depth: _____
 Weather: partly cloudy, 60s, windy Sample Technician(s): EJO
 Notes: _____

LAB REQUESTS:

Laboratory Name: <u>York</u>	Analysis/Method: <u>8260</u> <u>Priority Pollutant Metals</u>	Turn Around Time: <u>Std</u>

QA/QC

• Duplicate • Field Blank • Equip. Blank • Trip Blank

SAMPLE TRANSPORT:

Transported Via: York Date: 10/21

Chazen Environmental Services, Inc Field Data Sheet

SAMPLE INFORMATION:

Sample ID: KC-MW-5 1011

Sample Date: 10/20/2011

Sample Time: 1715

Well ID: MW-5

Sample Matrix: GW SW DW Soil Other: _____

Project Name: Kingston CVS

Project and Task#: 41103.00

Sample Location/Task: Semi-Annual

Proj. Manager: Pereira

WELL INFORMATION:

Well Condition: Good - flush mount

Lock Type: None Key #: N/A

PURGE DATA:

Measuring Point: TDC-PVC

Calculated Volume:

A = Water Column
(Bottom Depth-Depth to Water)

B = Gallons/Foot

C = # of Volumes To Be Purged

A x B x C = Gallons To Be Purged

Gallons to be purged: 8.6

Actual Volume:

Purge Rate (gpm): _____

Elapsed Time (min): 10

Well Volumes Purged (#): 2+

Purge Volume (gal): ~6.5

Well went dry?: • No • Yes

Condition: • No Odor • Odor

• Clear • SI.Turbid • Turbid

Depth to Bottom: 24.30

Water Level: 6.63

Height of Water Column: 17.67

Purge Method: BAILER

Start Date: 10/20/2011

Start Time: 1358

Stop Time: 1408

Pipe Width	Gal/Foot
1.5"	0.092
2.0"	0.163
3.0"	0.367
4.0"	0.653
6.0"	1.469
8.0"	2.611

FIELD RESULTS:

Water Level	Sample Depth	Temperature	pH	Conductivity	Turbidity	Other: <u>odor</u>
<u>6.63</u>	<u>Start</u>	<u>18.8</u>	<u>6.58</u>	<u>1463</u>	<u>sl. brown</u>	<u>none</u>
	<u>Volume 1</u>	<u>16.0</u>	<u>6.63</u>	<u>1531</u>	<u>sl. brown</u>	<u>none</u>
	<u>Volume 2</u>	<u>15.3</u>	<u>6.68</u>	<u>1540</u>	<u>grey-brown</u>	<u>none</u>
	<u>Volume 3</u>		<u>Well Went Dry</u>			
	<u>Volume 4</u>					
<u>8.80</u>	<u>Sample</u>	<u>18.8</u>	<u>6.99</u>	<u>1521</u>	<u>sl. brown</u>	<u>none</u>

SAMPLE INFORMATION:

Sample Method: BAILER Sample Type: • Composite • Grab

i.e. Peristaltic, Submersible, Dedicated or Disp. Bailer, Waterra, etc.. Sample Depth: _____

Weather: partly cloudy, 60s, windy Sample Technician(s): Ejo

Notes: _____

LAB REQUESTS:

Laboratory Name: York

Analysis/Method: 8260
Priority Pollutant Metals

Turn Around Time: STA

QA/QC

• Duplicate • Field Blank • Equip. Blank • Trip Blank

SAMPLE TRANSPORT:

Transported Via: York Date: 10/21

Chazen Environmental Services, Inc Field Data Sheet

SAMPLE INFORMATION:

Sample ID: KC-MW-01 Sample Date: 3/27/2012 Sample Time: 1815
Well ID: MW-1 Sample Matrix: GW SW DW Soil Other: _____
Project Name: Kingston CVS Project and Task#: 41103.00
Sample Location/Task: Semi-Annual Proj. Manager: Pereira

WELL INFORMATION:

Well Condition: Good
Lock Type: None Key #: NA

PURGE DATA:

Measuring Point: TOC-PVC Calculated Volume:
Depth to Bottom: 26.20 A = Water Column
Water Level: 14.90 (Bottom Depth-Depth to Water)
Height of Water Column: 11.30 B = Gallons/Foot
Purge Method: BAILER C = # of Volumes To Be Purged
Start Date: 3/27/2012 A x B x C = Gallons To Be Purged
Start Time: 1318
Stop Time: 1324 Gallons to be purged: 5.53

Pipe Width	Gal/Foot
1.5"	0.092
2.0"	0.163
3.0"	0.367
4.0"	0.653
6.0"	1.469
8.0"	2.611

Actual Volume:
Purge Rate (gpm): _____
Elapsed Time (min): 6
Well Volumes Purged (#): 14
Purge Volume (gal): 12.3
Well went dry?: • No • Yes
Condition: • No Odor • Odor
• Clear • Sl. Turbid • Turbid

FIELD RESULTS:

Water Level	Sample Depth	Temperature °C	pH	Conductivity $\mu S/cm$	Turbidity	Other: <u>odor</u>
<u>14.90</u>	<u>Start</u>	<u>12.5</u>	<u>6.69</u>	<u>1941</u>	<u>slight</u>	<u>none</u>
	<u>Volume 1</u>	<u>12.7</u>	<u>6.74</u>	<u>1880</u>	<u>turbid</u>	<u>"</u>
	<u>Volume 2</u>		<u>Well Went Dry</u>			
	<u>Volume 3</u>					
	<u>Volume 4</u>					
<u>15.03</u>	<u>Sample</u>	<u>10.2</u>	<u>6.97</u>	<u>1920</u>	<u>slight</u>	<u>none</u>

SAMPLE INFORMATION:

Sample Method: BAILER Sample Type: • Composite • Grab
i.e. Peristaltic, Submersible, Dedicated or Disp. Bailer, Waterra, etc. Sample Depth: _____
Weather: 40s, sunny, windy Sample Technician(s): ep
Notes: FD-01 collected here.

LAB REQUESTS:

Laboratory Name:	Analysis/Method:	Turn Around Time:
<u>York</u>	<u>8260 VOCs</u>	<u>std</u>
	<u>Priority Pollutant Metals</u>	

QA/QC

• Duplicate • Field Blank • Equip. Blank • Trip Blank

SAMPLE TRANSPORT:

Transported Via: York Date: 3/28

Chazen Environmental Services, Inc Field Data Sheet

SAMPLE INFORMATION:

Sample ID: KC-MW-02 Sample Date: 3/27/2012 Sample Time: 1807
Well ID: MW-2 Sample Matrix: GW SW DW Soil Other: _____
Project Name: Kingston CVS Project and Task#: 41103.00
Sample Location/Task: Semi-annual Proj. Manager: Pereira

WELL INFORMATION:

Well Condition: Good
Lock Type: None Key #: NA

PURGE DATA:

Measuring Point: TOC-PVC **Calculated Volume:**
Depth to Bottom: 24.50 A = Water Column
Water Level: 17.19 (Bottom Depth-Depth to Water)
Height of Water Column: 7.31 B = Gallons/Foot
Purge Method: BAILER C = # of Volumes To Be Purged
Start Date: 3/27/2012 A x B x C = Gallons To Be Purged
Start Time: 1303
Stop Time: 1308 Gallons to be purged: 3.57

Pipe Width	Gal/Foot
1.5"	0.092
2.0"	0.163
3.0"	0.367
4.0"	0.653
6.0"	1.469
8.0"	2.611

Actual Volume:
Purge Rate (gpm): _____
Elapsed Time (min): 5
Well Volumes Purged (#): 1+
Purge Volume (gal): ~1.3
Well went dry?: • No • Yes
Condition: • No Odor • Odor
• Clear • Sl. Turbid • Turbid

FIELD RESULTS:

Water Level	Sample Depth	Temperature °C	pH	Conductivity us/cm	Turbidity	Other: odor
<u>17.19</u>	<u>Start</u>	<u>13.4</u>	<u>6.56</u>	<u>1613</u>	<u>slight</u>	<u>septic</u>
	<u>Volume 1</u>	<u>12.6</u>	<u>6.72</u>	<u>1511</u>	<u>turbid</u>	<u>"</u>
	<u>Volume 2</u>		<u>Well Went Dry</u>			
	<u>Volume 3</u>					
	<u>Volume 4</u>					
<u>17.92</u>	<u>Sample</u>	<u>12.1</u>	<u>6.61</u>	<u>1432</u>	<u>slight</u>	<u>septic</u>

SAMPLE INFORMATION:

Sample Method: BAILER Sample Type: • Composite • Grab
i.e. Peristaltic, Submersible, Dedicated or Disp. Bailer, Waterra, etc.. Sample Depth: _____
Weather: 40s, sunny, windy Sample Technician(s): ggo
Notes: _____

LAB REQUESTS:

Laboratory Name:	Analysis/Method:	Turn Around Time:
<u>York</u>	<u>8260 VOCs</u>	<u>std</u>
	<u>Priority Pollutant Metals</u>	

QA/QC

• Duplicate • Field Blank • Equip. Blank • Trip Blank

SAMPLE TRANSPORT:

Transported Via: York Date: 3/28

Chazen Environmental Services, Inc Field Data Sheet

SAMPLE INFORMATION:

Sample ID: KC-MW-03 Sample Date: 3/27/2012 Sample Time: 1755
Well ID: MW-3 Sample Matrix: GW SW DW Soil Other: _____
Project Name: Kingston CVS Project and Task#: 41103.00
Sample Location/Task: Sem.-Annual Proj. Manager: Perreira

WELL INFORMATION:

Well Condition: Good
Lock Type: None Key #: NA

PURGE DATA:

Measuring Point: TOC-PVC **Calculated Volume:**
Depth to Bottom: 24.75 A = Water Column
Water Level: 7.21 (Bottom Depth-Depth to Water)
Height of Water Column: 17.54 B = Gallons/Foot
Purge Method: BAILER C = # of Volumes To Be Purged
Start Date: 3/27/2012 A x B x C = Gallons To Be Purged
Start Time: 1241
Stop Time: 1252 Gallons to be purged: 8.58

Pipe Width	Gal/Foot
1.5"	0.092
2.0"	0.163
3.0"	0.367
4.0"	0.653
6.0"	1.469
8.0"	2.611

Actual Volume:
Purge Rate (gpm): _____
Elapsed Time (min): 11
Well Volumes Purged (#): 14
Purge Volume (gal): ~3.9
Well went dry?: • No • Yes
Condition: • No Odor • Odor
• Clear • SI. Turbid • Turbid

FIELD RESULTS:

Water Level	Sample Depth	Temperature	pH	Conductivity	Turbidity	Other:
<u>7.21</u>	<u>Start</u>	<u>11.1</u>	<u>7.00</u>	<u>2583</u>	<u>slight</u>	<u>odor</u>
	<u>Volume 1</u>	<u>14.1</u>	<u>7.16</u>	<u>2962</u>	<u>turbid</u>	<u>"</u>
	<u>Volume 2</u>		<u>Well Went Dry</u>			
	<u>Volume 3</u>					
	<u>Volume 4</u>					
<u>9.65</u>	<u>Sample</u>	<u>12.4</u>	<u>7.01</u>	<u>2388</u>	<u>slight</u>	<u>none</u>

SAMPLE INFORMATION:

Sample Method: BAILER Sample Type: • Composite • Grab
i.e. Peristaltic, Submersible, Dedicated or Disp. Bailer, Waterra, etc. Sample Depth: _____
Weather: 40s, windy, sunny Sample Technician(s): JP
Notes: _____

LAB REQUESTS:

Laboratory Name:	Analysis/Method:	Turn Around Time:
<u>York</u>	<u>8260 VOCs</u>	<u>51d</u>
	<u>Priority Pollutant Metals</u>	

QA/QC

• Duplicate • Field Blank • Equip. Blank • Trip Blank

SAMPLE TRANSPORT:

Transported Via: York Date: 3/28

Chazen Environmental Services, Inc Field Data Sheet

SAMPLE INFORMATION:

Sample ID: KC-MW-04 Sample Date: 3/27/2012 Sample Time: 1155
Well ID: MW-4 Sample Matrix: GW SW DW Soil Other: _____
Project Name: Kingston CVS Project and Task#: 41103.00
Sample Location/Task: Semi-Annual Proj. Manager: Pereira

WELL INFORMATION:

Well Condition: Good
Lock Type: None Key #: NA

PURGE DATA:

Measuring Point: TOC-PVC Calculated Volume: _____ Actual Volume: _____
Depth to Bottom: 24.87' A = Water Column _____ Purge Rate (gpm): _____
Water Level: 6.57 (Bottom Depth-Depth to Water) B = Gallons/Foot _____ Elapsed Time (min): 16
Height of Water Column: 18.30 C = # of Volumes To Be Purged _____ Well Volumes Purged (#): 3
Purge Method: BAILER A x B x C = Gallons To Be Purged _____ Purge Volume (gal): 9
Start Date: 3/27/2012 Well went dry?: No • Yes
Start Time: 1102 Condition: No Odor • Odor
Stop Time: 1118 • Clear • Sl. Turbid • Turbid

FIELD RESULTS:

Water Level	Sample Depth	Temperature	pH	Conductivity	Turbidity	Other: <u>odor</u>
<u>6.57</u>	<u>Start</u>	<u>10.0</u>	<u>7.08</u>	<u>1355</u>	<u>turbid</u>	<u>none</u>
	<u>Volume 1</u>	<u>12.6</u>	<u>7.13</u>	<u>2509</u>	<u>"</u>	<u>"</u>
	<u>Volume 2</u>	<u>13.2</u>	<u>7.16</u>	<u>2668</u>	<u>"</u>	<u>"</u>
<u>20.02</u>	<u>Volume 3</u>	<u>13.5</u>	<u>7.18</u>	<u>2675</u>	<u>"</u>	<u>"</u>
	<u>Volume 4</u>					
<u>7.92</u>	<u>Sample</u>	<u>14.1</u>	<u>7.19</u>	<u>2795</u>	<u>slight</u>	<u>none</u>

SAMPLE INFORMATION:

Sample Method: BAILER Sample Type: • Composite • Grab
i.e. Peristaltic, Submersible, Dedicated or Disp. Bailer, Waterra, etc. Sample Depth: _____
Weather: windy, 40s, sunny Sample Technician(s): ep
Notes: _____

LAB REQUESTS:

Laboratory Name: York Analysis/Method: 8260 VOC Turn Around Time: std
Priority Pollutant Metals

QA/QC

• Duplicate • Field Blank • Equip. Blank • Trip Blank

SAMPLE TRANSPORT:

Transported Via: York Date: 3/28

Chazen Environmental Services, Inc Field Data Sheet

SAMPLE INFORMATION:

Sample ID: KC-MW-05 Sample Date: 3/27/2012 Sample Time: 1725
Well ID: MW-5 Sample Matrix: GW SW DW Soil Other:
Project Name: Kings to a CVS Project and Task#: 41103.00
Sample Location/Task: ~~0.524~~ Sem. Annual Proj. Manager: Pereira

WELL INFORMATION:

Well Condition: Good
Lock Type: None Key #: NA

PURGE DATA:

Measuring Point: TOC-PVC Calculated Volume:
Depth to Bottom: 24.30 A = Water Column
Water Level: 8.48 (Bottom Depth-Depth to Water)
Height of Water Column: 15.82 B = Gallons/Foot
Purge Method: BAILER C = # of Volumes To Be Purged
Start Date: 3/27/2012 A x B x C = Gallons To Be Purged
Start Time: 1213
Stop Time: 1227 Gallons to be purged: 7.74

Pipe Width	Gal/Foot
1.5"	0.092
2.0"	0.163
3.0"	0.367
4.0"	0.653
6.0"	1.469
8.0"	2.611

Actual Volume:
Purge Rate (gpm): _____
Elapsed Time (min): 14
Well Volumes Purged (#): 2+
Purge Volume (gal): 6.25
Well went dry?: • No • Yes
Condition: • No Odor • Odor
• Clear • Sl. Turbid • Turbid

FIELD RESULTS:

Water Level	Sample Depth	Temperature °C	pH	Conductivity <u>us/cm</u>	Turbidity	Other: <u>odor</u>
<u>8.48</u>	<u>Start</u>	<u>10.0</u>	<u>7.13</u>	<u>1748</u>	<u>clear</u>	<u>none</u>
	<u>Volume 1</u>	<u>10.3</u>	<u>7.03</u>	<u>1641</u>	<u>slight</u>	<u>"</u>
	<u>Volume 2</u>	<u>10.7</u>	<u>7.05</u>	<u>1698</u>	<u>grey-brown</u>	<u>"</u>
	<u>Volume 3</u>		<u>Well Went Dry</u>			
	<u>Volume 4</u>					
<u>10.06</u>	<u>Sample</u>	<u>11.9</u>	<u>7.04</u>	<u>1756</u>	<u>slight</u>	<u>none</u>

SAMPLE INFORMATION:

Sample Method: BAILER Sample Type: • Composite • Grab
i.e. Peristaltic, Submersible, Dedicated or Disp. Bailer, Waterra, etc.
Weather: 40s, Sunny, windy Sample Depth: _____
Sample Technician(s): EP
Notes: _____

LAB REQUESTS:

Laboratory Name: York Analysis/Method: 8260 VOCs Turn Around Time: std
Priority Baiter + Mtd.

QA/QC

• Duplicate • Field Blank • Equip. Blank • Trip Blank

SAMPLE TRANSPORT:

Transported Via: York Date: 3/28

Kingston CVS Site SSDS Inspection Worksheet

Date: 3/27/2012	Inspector: ORLOWSKI		
	Yes	No	General Comments/Notes
Is the system running normally?	✓		
Is the indicator light functioning?	✓		
Is the electrical/ control panel secure?	✓		
Does the inlet pipe (^{PVC} ~~copper~~) feel cool/cold to the touch?	✓		
Does the outlet pipe (^{PVC} ~~copper~~) feel warm but not hot?	✓		
Is the stack clear and evenly discharging air?	✓		
Is there any water being exhausted from the stack?		✓	
Does the effluent air have any noticeable odor?		✓	
Does the blower feel warm but not hot?	✓		
Does the blower sound as if it's running smoothly?	✓		

System Readings		
Time	Pressure (in WC)	PID (ppm)
1015	0.23	0.0

SITE INSPECTION REPORT

Person performing Inspection:

Eric Orlovski

Date: 3/29/2012

Weather:

See p. 2

Signature:

[Signature]

Page: 1 of 2

SOIL COVER SYSTEM INSPECTION

Chestlist Items:	Acceptable	Not Acceptable	Remarks/Locations
There is no evidence of erosion of cover soils/materials from Site surface.	☒	☐	
There is no evidence of depressions in cover materials.	☒	☐	
There is no evidence of significant cracks in cover materials.	☒	☐	
There is no evidence of exposed or damaged demarcation barrier.	☒	☐	
There is no evidence of vapors or odors emanating from the Site.	☒	☐	

VEGETATION INSPECTION

Vegetation is well established over greenspace areas.	☒	☐	
There is no evidence of stressed vegetation.	☒	☐	
There is no evidence of bare or thin vegetative cover.	☒	☐	
There is no evidence of overgrowth or areas that need to be mowed.	☒	☐	
There is no evidence of recent areas of excavation or disturbed areas.	☒	☐	

VECTOR INSPECTION

No vectors or vector activity (e.g. tracks, droppings, dens, etc.) were observed.	☒	☐	
There was no evidence of damage to the soil cover system due to the vector activity.	☒	☐	

DRAINAGE SYSTEM INSPECTION

There is no evidence of erosion around drainage structures.	☒	☐	
There is no evidence of settlement of drainage structures	☒	☐	
Manhole covers present and in good condition.	☒	☐	
There is no evidence of siltation, debris, or other restrictions in the manholes.	☒	☐	
There are no exposed or damaged weep hole extension along retaining wall.	☒	☐	

SITE INSPECTION REPORT

Person performing inspection: Eric Orlowski Date: 3/29/2012 Weather: See below
 Signature: [Signature] Page: 2 of 2

Chestlist Items:	Acceptable	Not Acceptable	Remarks/Locations
The monitoring wells are in generally good condition.	☒	☐	
Well Caps are installed on the wells.	☒	☐	
Locks present and secured.	☐	☐	NA- Wells flush mounted - no lock.

Site accessible and passable.	☒	☐	

The Site continues to be utilized for commercial or restricted residential uses only.	☒	☐	
There is no evidence of groundwater extraction and/or use on Site. drainage structures	☒	☐	

ADDITIONAL NOTES & OBSERVATIONS

Weather: hi 30s to 50ish, sunny, blustery, winds avg 5-15 MPH, gusts 25-30 mph, dry, clear. Wind direction variable.

Appendix B:
Engineering Control/ Institutional Control
Certification Forms



60 2011 00012914

Ulster County
Nina Postupack
County Clerk
Kingston, NY 12401

Volm-5183 Pg-168

Instrument Number: 2011- 00012914

As

Recorded On: September 26, 2011

D01 - Deed

Parties: KINGSTON NE DEVELOPMENT LLC

To

WOODHAVEN NATIONAL MANAGEMENT LLC

Billable Pages: 7

Recorded By: ROYAL ABSTRACT

Num Of Pages: 7

Comment:

**** Examined and Charged as Follows: ****

D01 - Deed	75.00	RP5217-250	250.00	Tax Affidavit TP 584	5.00
Recording Charge:	330.00				
	Amount	Consideration Amount	RS#/CS#		
Tax-Transfer	25,400.00	6,350,000.00	693	Basic	0.00
KINGSTON CITY				Local	0.00 Special Additional 0.00
				Additional	0.00 Transfer 25,400.00
Tax Charge:	25,400.00				

**** THIS PAGE IS PART OF THE INSTRUMENT ****

I hereby certify that the within and foregoing was recorded in the Clerk's Office For: Ulster County,

File Information:**Record and Return To:**

Document Number: 2011- 00012914

MICHAEL PASSE ESQ

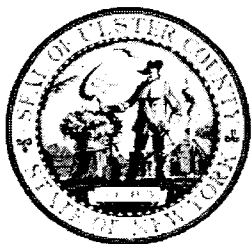
Receipt Number: 1076460

18 EAST 41ST STREET 10TH FLOOR

Recorded Date/Time: September 26, 2011 02:31:36P NEW YORK NY 10017

Book-Vol/Pg: Bk-D VI-5183 Pg-168

Cashier / Station: c cmil / Cashier Workstation 8



Nina Postupack Ulster County Clerk



Enclosure 2
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form



Site No. C356035	Site Details	Box 1
 Site Name Utility Platers, Inc./Kingston Diagnostics		
Site Address: 416 Washington Avenue/167 Schwenck Drive Zip Code: 12401		
City/Town: Kingston		
County: Ulster		
Site Acreage: 1.7		
Reporting Period: December 03, 2010 to April 19, 2012		
		YES NO
1. Is the information above correct?	☒	☐
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	☒	☐
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	☒
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	☒
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?	☐	☒

	Box 2
	YES NO
6. Is the current site use consistent with the use(s) listed below? Restricted-Residential, Commercial, and Industrial	☒ ☐
7. Are all ICs/ECs in place and functioning as designed?	☒ ☐

**IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and
DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.**

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative

Date

8. Has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid?

YES NO

☐ ☒

If you answered YES to question 8, include documentation or evidence that documentation has been previously submitted with this certification form.

9. Are the assumptions in the Qualitative Exposure Assessment still valid?
(The Qualitative Exposure Assessment must be certified every five years)

☒ ☐

If you answered NO to question 9, the Periodic Review Report must include an updated Qualitative Exposure Assessment based on the new assumptions.

SITE NO. C356035

Description of Institutional Controls

<u>Parcel</u>	<u>Owner</u>	<u>Institutional Control</u>
48.314-1-11.1	Woodhaven National Management LLC	Ground Water Use Restriction IC/EC Plan Landuse Restriction Monitoring Plan O&M Plan Site Management Plan Soil Management Plan
48.314-1-11.1	Woodhaven National Management LLC	

Description of Engineering Controls

<u>Parcel</u>	<u>Engineering Control</u>
48.314-1-11.1	Cover System Vapor Mitigation

Engineering Control Details for Site No. C356035

Engineering Control Details for Site No. C356035

Parcel: 48.314-1-11.1

- (1) The Controlled Property may be used for: "Restricted-residential use," "Commercial use" and/or "Industrial use", as described within 6 NYCRR Part 375-1.8(g)(2)(ii), (iii) and (iv).
- (2) All Engineering Controls must be operated and maintained as specified in the Site Management Plan (SMP);
- (3) All Engineering Controls must be inspected at a frequency and in a manner defined in the SMP.
- (4) Groundwater and other environmental or public health monitoring must be performed as defined in the SMP;
- (5) Data and information pertinent to Site Management of the Controlled Property must be reported at the frequency and in a manner defined in the SMP;
- (6) All future activities on the property that will disturb remaining contaminated material must be conducted in accordance with the SMP;
- (7) Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in the SMP.
- (8) Operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical components of the remedy shall be performed as defined in the SMP.
- (9) Access to the site must be provided to agents, employees or other representatives of the state of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by this Environmental Easement.

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the certification;

b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted

YES NO

☒ ☐

2. If this site has an IC/EC Plan (or equivalent as required in the Decision Document), for each Institutional or Engineering control listed in Boxes 3 and/or 4, I certify by checking "YES" below that all of the following statements are true:

(a) the Institutional Control and/or Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

(b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

(c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

(d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

(e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES NO

☒ ☐

**IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and
DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.**

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative

Date

IC CERTIFICATIONS
SITE NO. C356035

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Russell Urban-Mead at The Chazen Companies, 21 Fox Street, Poughkeepsie,
print name NY 12601 print business address

am certifying as Consultant/ Designated Representative (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.


Signature of Owner, Remedial Party, or Designated Representative

May 17, 2012
Date

IC/EC CERTIFICATIONS

Box 7

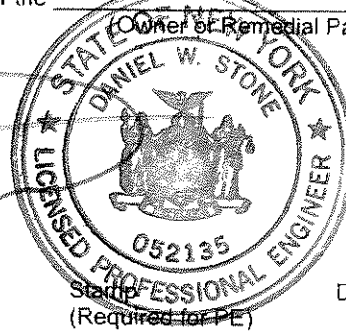
Qualified Environmental Professional Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I, Daniel W. Stone at The Chazen Companies, 21 Fox Street, Poughkeepsie,
print name NY 12601 print business address

am certifying as a Qualified Environmental Professional for the Woodhaven National Management, LLC
(Owner or Remedial Party)

Signature of Qualified Environmental Professional, for
the Owner or Remedial Party, Rendering Certification



Stamp
(Required for PE)

Date

Appendix C: Laboratory Data Reports (Digital File)



Technical Report

prepared for:

Chazen Environmental Services (Poughkeepsie)

21 Fox Street

Poughkeepsie NY, 12601

Attention: Dan Michaud

Report Date: 05/04/2011

Client Project ID: 41103.00

York Project (SDG) No.: 11D0646

CT License No. PH-0723

New Jersey License No. CT-005



New York License No. 10854

PA Reg. 68-04440

Report Date: 05/04/2011
Client Project ID: 41103.00
York Project (SDG) No.: 11D0646

Chazen Environmental Services (Poughkeepsie)

21 Fox Street
Poughkeepsie NY, 12601
Attention: Dan Michaud

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 April 21, 2011 and listed below. The project was identified as your project: **41103.00**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
11D0646-01	NR-MW-1	Water	04/20/2011	04/21/2011
11D0646-02	NR-MW-2	Water	04/20/2011	04/21/2011
11D0646-03	NR-MW-3	Water	04/20/2011	04/21/2011
11D0646-04	NR-MW-4	Water	04/20/2011	04/21/2011
11D0646-05	NR-MW-5	Water	04/20/2011	04/21/2011
11D0646-06	NR-MW-DUP	Water	04/20/2011	04/21/2011
11D0646-07	TRIP BLANK	Water	04/19/2011	04/21/2011

General Notes for York Project (SDG) No.: 11D0646

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: 05/04/2011

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: NR-MW-1

York Sample ID: 11D0646-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

11D0646

41103.00

Water

April 20, 2011 5:25 pm

04/21/2011

Volatile Organics, 8260 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
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	04/29/2011 17:17	04/29/2011 17:17	SS
71-55-6	1,1,1-Trichloroethane	1.2	J	ug/L	0.95	5.0	1	EPA SW846-8260B	04/29/2011 17:17	04/29/2011 17:17	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.57	5.0	1	EPA SW846-8260B	04/29/2011 17:17	04/29/2011 17:17	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.60	5.0	1	EPA SW846-8260B	04/29/2011 17:17	04/29/2011 17:17	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	04/29/2011 17:17	04/29/2011 17:17	SS
75-34-3	1,1-Dichloroethane	3.8	J	ug/L	0.69	5.0	1	EPA SW846-8260B	04/29/2011 17:17	04/29/2011 17:17	SS
75-35-4	1,1-Dichloroethylene	3.1	J	ug/L	1.3	5.0	1	EPA SW846-8260B	04/29/2011 17:17	04/29/2011 17:17	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	04/29/2011 17:17	04/29/2011 17:17	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.37	10	1	EPA SW846-8260B	04/29/2011 17:17	04/29/2011 17:17	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	1.1	5.0	1	EPA SW846-8260B	04/29/2011 17:17	04/29/2011 17:17	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.48	10	1	EPA SW846-8260B	04/29/2011 17:17	04/29/2011 17:17	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.53	5.0	1	EPA SW846-8260B	04/29/2011 17:17	04/29/2011 17:17	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	1.3	10	1	EPA SW846-8260B	04/29/2011 17:17	04/29/2011 17:17	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	04/29/2011 17:17	04/29/2011 17:17	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B	04/29/2011 17:17	04/29/2011 17:17	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.65	5.0	1	EPA SW846-8260B	04/29/2011 17:17	04/29/2011 17:17	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.22	5.0	1	EPA SW846-8260B	04/29/2011 17:17	04/29/2011 17:17	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.37	5.0	1	EPA SW846-8260B	04/29/2011 17:17	04/29/2011 17:17	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.47	5.0	1	EPA SW846-8260B	04/29/2011 17:17	04/29/2011 17:17	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.69	5.0	1	EPA SW846-8260B	04/29/2011 17:17	04/29/2011 17:17	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	04/29/2011 17:17	04/29/2011 17:17	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.96	5.0	1	EPA SW846-8260B	04/29/2011 17:17	04/29/2011 17:17	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	04/29/2011 17:17	04/29/2011 17:17	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	04/29/2011 17:17	04/29/2011 17:17	SS
71-43-2	Benzene	ND		ug/L	0.48	5.0	1	EPA SW846-8260B	04/29/2011 17:17	04/29/2011 17:17	SS
108-86-1	Bromobenzene	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	04/29/2011 17:17	04/29/2011 17:17	SS
74-97-5	Bromochloromethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	04/29/2011 17:17	04/29/2011 17:17	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.62	5.0	1	EPA SW846-8260B	04/29/2011 17:17	04/29/2011 17:17	SS
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	04/29/2011 17:17	04/29/2011 17:17	SS
74-83-9	Bromomethane	ND		ug/L	1.2	5.0	1	EPA SW846-8260B	04/29/2011 17:17	04/29/2011 17:17	SS
56-23-5	Carbon tetrachloride	ND		ug/L	1.0	5.0	1	EPA SW846-8260B	04/29/2011 17:17	04/29/2011 17:17	SS
108-90-7	Chlorobenzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	04/29/2011 17:17	04/29/2011 17:17	SS
75-00-3	Chloroethane	ND		ug/L	0.76	5.0	1	EPA SW846-8260B	04/29/2011 17:17	04/29/2011 17:17	SS
67-66-3	Chloroform	ND		ug/L	0.36	5.0	1	EPA SW846-8260B	04/29/2011 17:17	04/29/2011 17:17	SS

Sample Information

Client Sample ID: NR-MW-1

York Sample ID: 11D0646-01

York Project (SDG) No.
11D0646

Client Project ID
41103.00

Matrix
Water

Collection Date/Time
April 20, 2011 5:25 pm

Date Received
04/21/2011

Volatile Organics, 8260 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
74-87-3	Chloromethane	ND		ug/L	0.89	5.0	1	EPA SW846-8260B	04/29/2011 17:17	04/29/2011 17:17	SS
156-59-2	cis-1,2-Dichloroethylene	1000		ug/L	19	100	20	EPA SW846-8260B	04/29/2011 17:17	05/04/2011 10:39	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	04/29/2011 17:17	04/29/2011 17:17	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.67	5.0	1	EPA SW846-8260B	04/29/2011 17:17	04/29/2011 17:17	SS
74-95-3	Dibromomethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	04/29/2011 17:17	04/29/2011 17:17	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.83	5.0	1	EPA SW846-8260B	04/29/2011 17:17	04/29/2011 17:17	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	04/29/2011 17:17	04/29/2011 17:17	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	04/29/2011 17:17	04/29/2011 17:17	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.39	5.0	1	EPA SW846-8260B	04/29/2011 17:17	04/29/2011 17:17	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.38	5.0	1	EPA SW846-8260B	04/29/2011 17:17	04/29/2011 17:17	SS
75-09-2	Methylene chloride	3.4	J, B	ug/L	1.1	10	1	EPA SW846-8260B	04/29/2011 17:17	04/29/2011 17:17	SS
91-20-3	Naphthalene	ND		ug/L	0.50	10	1	EPA SW846-8260B	04/29/2011 17:17	04/29/2011 17:17	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.32	5.0	1	EPA SW846-8260B	04/29/2011 17:17	04/29/2011 17:17	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	04/29/2011 17:17	04/29/2011 17:17	SS
95-47-6	o-Xylene	ND		ug/L	0.50	5.0	1	EPA SW846-8260B	04/29/2011 17:17	04/29/2011 17:17	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.55	10	1	EPA SW846-8260B	04/29/2011 17:17	04/29/2011 17:17	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.25	5.0	1	EPA SW846-8260B	04/29/2011 17:17	04/29/2011 17:17	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	04/29/2011 17:17	04/29/2011 17:17	SS
100-42-5	Styrene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	04/29/2011 17:17	04/29/2011 17:17	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.46	5.0	1	EPA SW846-8260B	04/29/2011 17:17	04/29/2011 17:17	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	04/29/2011 17:17	04/29/2011 17:17	SS
108-88-3	Toluene	ND		ug/L	0.23	5.0	1	EPA SW846-8260B	04/29/2011 17:17	04/29/2011 17:17	SS
156-60-5	trans-1,2-Dichloroethylene	26		ug/L	0.65	5.0	1	EPA SW846-8260B	04/29/2011 17:17	04/29/2011 17:17	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	04/29/2011 17:17	04/29/2011 17:17	SS
79-01-6	Trichloroethylene	800		ug/L	11	100	20	EPA SW846-8260B	04/29/2011 17:17	05/04/2011 10:39	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.91	5.0	1	EPA SW846-8260B	04/29/2011 17:17	04/29/2011 17:17	SS
75-01-4	Vinyl Chloride	130		ug/L	0.97	5.0	1	EPA SW846-8260B	04/29/2011 17:17	04/29/2011 17:17	SS
1330-20-7	Xylenes, Total	ND		ug/L	1.0	15	1	EPA SW846-8260B	04/29/2011 17:17	04/29/2011 17:17	SS
	Surrogate Recoveries	Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	80.5 %			75.7-121						
460-00-4	Surrogate: p-Bromofluorobenzene	102 %			71.3-131						
2037-26-5	Surrogate: Toluene-d8	102 %			86.7-112						

Sample Information

Client Sample ID: NR-MW-1

York Sample ID: 11D0646-01

York Project (SDG) No.
11D0646

Client Project ID
41103.00

Matrix
Water

Collection Date/Time
April 20, 2011 5:25 pm

Date Received
04/21/2011

Metals, Priority Pollutant

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	2	5	1	EPA SW846-6010B	04/25/2011 15:42	04/25/2011 17:30	MW
7440-38-2	Arsenic	11		ug/L	1	10	1	EPA SW846-6010B	04/25/2011 15:42	04/25/2011 17:30	MW
7440-41-7	Beryllium	ND		ug/L	0.9	1	1	EPA SW846-6010B	04/25/2011 15:42	04/25/2011 17:30	MW
7440-43-9	Cadmium	63		ug/L	1	3	1	EPA SW846-6010B	04/25/2011 15:42	04/25/2011 17:30	MW
7440-47-3	Chromium	11		ug/L	0.9	5	1	EPA SW846-6010B	04/25/2011 15:42	04/25/2011 17:30	MW
7440-50-8	Copper	8		ug/L	2	5	1	EPA SW846-6010B	04/25/2011 15:42	04/25/2011 17:30	MW
7439-92-1	Lead	4		ug/L	1	3	1	EPA SW846-6010B	04/25/2011 15:42	04/25/2011 17:30	MW
7440-02-0	Nickel	309		ug/L	0.8	5	1	EPA SW846-6010B	04/25/2011 15:42	04/25/2011 17:30	MW
7782-49-2	Selenium	ND		ug/L	2	10	1	EPA SW846-6010B	04/25/2011 15:42	04/25/2011 17:30	MW
7440-22-4	Silver	ND		ug/L	1	5	1	EPA SW846-6010B	04/25/2011 15:42	04/25/2011 17:30	MW
7440-28-0	Thallium	ND		ug/L	2	10	1	EPA SW846-6010B	04/25/2011 15:42	04/25/2011 17:30	MW
7440-66-6	Zinc	158		ug/L	0.9	20	1	EPA SW846-6010B	04/25/2011 15:42	04/25/2011 17:30	MW

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		ug/L	0.03900	0.2000	1	EPA SW846-7470	04/26/2011 16:04	04/26/2011 16:04	AA

Sample Information

Client Sample ID: NR-MW-2

York Sample ID: 11D0646-02

York Project (SDG) No.
11D0646

Client Project ID
41103.00

Matrix
Water

Collection Date/Time
April 20, 2011 5:10 pm

Date Received
04/21/2011

Volatile Organics, 8260 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
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	04/29/2011 18:02	04/29/2011 18:02	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.95	5.0	1	EPA SW846-8260B	04/29/2011 18:02	04/29/2011 18:02	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.57	5.0	1	EPA SW846-8260B	04/29/2011 18:02	04/29/2011 18:02	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.60	5.0	1	EPA SW846-8260B	04/29/2011 18:02	04/29/2011 18:02	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	04/29/2011 18:02	04/29/2011 18:02	SS
75-34-3	1,1-Dichloroethane	1.1	J	ug/L	0.69	5.0	1	EPA SW846-8260B	04/29/2011 18:02	04/29/2011 18:02	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	04/29/2011 18:02	04/29/2011 18:02	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	04/29/2011 18:02	04/29/2011 18:02	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.37	10	1	EPA SW846-8260B	04/29/2011 18:02	04/29/2011 18:02	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	1.1	5.0	1	EPA SW846-8260B	04/29/2011 18:02	04/29/2011 18:02	SS

Sample Information

Client Sample ID: NR-MW-2

York Sample ID: 11D0646-02

York Project (SDG) No.
11D0646

Client Project ID
41103.00

Matrix
Water

Collection Date/Time
April 20, 2011 5:10 pm

Date Received
04/21/2011

Volatile Organics, 8260 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
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.48	10	1	EPA SW846-8260B	04/29/2011 18:02	04/29/2011 18:02	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.53	5.0	1	EPA SW846-8260B	04/29/2011 18:02	04/29/2011 18:02	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	1.3	10	1	EPA SW846-8260B	04/29/2011 18:02	04/29/2011 18:02	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	04/29/2011 18:02	04/29/2011 18:02	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B	04/29/2011 18:02	04/29/2011 18:02	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.65	5.0	1	EPA SW846-8260B	04/29/2011 18:02	04/29/2011 18:02	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.22	5.0	1	EPA SW846-8260B	04/29/2011 18:02	04/29/2011 18:02	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.37	5.0	1	EPA SW846-8260B	04/29/2011 18:02	04/29/2011 18:02	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.47	5.0	1	EPA SW846-8260B	04/29/2011 18:02	04/29/2011 18:02	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.69	5.0	1	EPA SW846-8260B	04/29/2011 18:02	04/29/2011 18:02	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	04/29/2011 18:02	04/29/2011 18:02	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.96	5.0	1	EPA SW846-8260B	04/29/2011 18:02	04/29/2011 18:02	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	04/29/2011 18:02	04/29/2011 18:02	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	04/29/2011 18:02	04/29/2011 18:02	SS
71-43-2	Benzene	ND		ug/L	0.48	5.0	1	EPA SW846-8260B	04/29/2011 18:02	04/29/2011 18:02	SS
108-86-1	Bromobenzene	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	04/29/2011 18:02	04/29/2011 18:02	SS
74-97-5	Bromochloromethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	04/29/2011 18:02	04/29/2011 18:02	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.62	5.0	1	EPA SW846-8260B	04/29/2011 18:02	04/29/2011 18:02	SS
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	04/29/2011 18:02	04/29/2011 18:02	SS
74-83-9	Bromomethane	ND		ug/L	1.2	5.0	1	EPA SW846-8260B	04/29/2011 18:02	04/29/2011 18:02	SS
56-23-5	Carbon tetrachloride	ND		ug/L	1.0	5.0	1	EPA SW846-8260B	04/29/2011 18:02	04/29/2011 18:02	SS
108-90-7	Chlorobenzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	04/29/2011 18:02	04/29/2011 18:02	SS
75-00-3	Chloroethane	ND		ug/L	0.76	5.0	1	EPA SW846-8260B	04/29/2011 18:02	04/29/2011 18:02	SS
67-66-3	Chloroform	ND		ug/L	0.36	5.0	1	EPA SW846-8260B	04/29/2011 18:02	04/29/2011 18:02	SS
74-87-3	Chloromethane	ND		ug/L	0.89	5.0	1	EPA SW846-8260B	04/29/2011 18:02	04/29/2011 18:02	SS
156-59-2	cis-1,2-Dichloroethylene	17		ug/L	0.96	5.0	1	EPA SW846-8260B	04/29/2011 18:02	04/29/2011 18:02	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	04/29/2011 18:02	04/29/2011 18:02	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.67	5.0	1	EPA SW846-8260B	04/29/2011 18:02	04/29/2011 18:02	SS
74-95-3	Dibromomethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	04/29/2011 18:02	04/29/2011 18:02	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.83	5.0	1	EPA SW846-8260B	04/29/2011 18:02	04/29/2011 18:02	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	04/29/2011 18:02	04/29/2011 18:02	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	04/29/2011 18:02	04/29/2011 18:02	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.39	5.0	1	EPA SW846-8260B	04/29/2011 18:02	04/29/2011 18:02	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.38	5.0	1	EPA SW846-8260B	04/29/2011 18:02	04/29/2011 18:02	SS
75-09-2	Methylene chloride	3.6	J, B	ug/L	1.1	10	1	EPA SW846-8260B	04/29/2011 18:02	04/29/2011 18:02	SS

Sample Information

Client Sample ID: NR-MW-2

York Sample ID: 11D0646-02

York Project (SDG) No.
11D0646

Client Project ID
41103.00

Matrix
Water

Collection Date/Time
April 20, 2011 5:10 pm

Date Received
04/21/2011

Volatile Organics, 8260 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
91-20-3	Naphthalene	ND		ug/L	0.50	10	1	EPA SW846-8260B	04/29/2011 18:02	04/29/2011 18:02	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.32	5.0	1	EPA SW846-8260B	04/29/2011 18:02	04/29/2011 18:02	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	04/29/2011 18:02	04/29/2011 18:02	SS
95-47-6	o-Xylene	ND		ug/L	0.50	5.0	1	EPA SW846-8260B	04/29/2011 18:02	04/29/2011 18:02	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.55	10	1	EPA SW846-8260B	04/29/2011 18:02	04/29/2011 18:02	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.25	5.0	1	EPA SW846-8260B	04/29/2011 18:02	04/29/2011 18:02	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	04/29/2011 18:02	04/29/2011 18:02	SS
100-42-5	Styrene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	04/29/2011 18:02	04/29/2011 18:02	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.46	5.0	1	EPA SW846-8260B	04/29/2011 18:02	04/29/2011 18:02	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	04/29/2011 18:02	04/29/2011 18:02	SS
108-88-3	Toluene	ND		ug/L	0.23	5.0	1	EPA SW846-8260B	04/29/2011 18:02	04/29/2011 18:02	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.65	5.0	1	EPA SW846-8260B	04/29/2011 18:02	04/29/2011 18:02	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	04/29/2011 18:02	04/29/2011 18:02	SS
79-01-6	Trichloroethylene	3.6	J	ug/L	0.57	5.0	1	EPA SW846-8260B	04/29/2011 18:02	04/29/2011 18:02	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.91	5.0	1	EPA SW846-8260B	04/29/2011 18:02	04/29/2011 18:02	SS
75-01-4	Vinyl Chloride	7.1		ug/L	0.97	5.0	1	EPA SW846-8260B	04/29/2011 18:02	04/29/2011 18:02	SS
1330-20-7	Xylenes, Total	ND		ug/L	1.0	15	1	EPA SW846-8260B	04/29/2011 18:02	04/29/2011 18:02	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	80.0 %	75.7-121								
460-00-4	Surrogate: p-Bromofluorobenzene	101 %	71.3-131								
2037-26-5	Surrogate: Toluene-d8	102 %	86.7-112								

Metals, Priority Pollutant

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	2	5	1	EPA SW846-6010B	04/25/2011 15:42	04/25/2011 17:35	MW
7440-38-2	Arsenic	ND		ug/L	1	10	1	EPA SW846-6010B	04/25/2011 15:42	04/25/2011 17:35	MW
7440-41-7	Beryllium	ND		ug/L	0.9	1	1	EPA SW846-6010B	04/25/2011 15:42	04/25/2011 17:35	MW
7440-43-9	Cadmium	ND		ug/L	1	3	1	EPA SW846-6010B	04/25/2011 15:42	04/25/2011 17:35	MW
7440-47-3	Chromium	12		ug/L	0.9	5	1	EPA SW846-6010B	04/25/2011 15:42	04/25/2011 17:35	MW
7440-50-8	Copper	9		ug/L	2	5	1	EPA SW846-6010B	04/25/2011 15:42	04/25/2011 17:35	MW
7439-92-1	Lead	10		ug/L	1	3	1	EPA SW846-6010B	04/25/2011 15:42	04/25/2011 17:35	MW
7440-02-0	Nickel	41		ug/L	0.8	5	1	EPA SW846-6010B	04/25/2011 15:42	04/25/2011 17:35	MW
7782-49-2	Selenium	10		ug/L	2	10	1	EPA SW846-6010B	04/25/2011 15:42	04/25/2011 17:35	MW
7440-22-4	Silver	ND		ug/L	1	5	1	EPA SW846-6010B	04/25/2011 15:42	04/25/2011 17:35	MW
7440-28-0	Thallium	ND		ug/L	2	10	1	EPA SW846-6010B	04/25/2011 15:42	04/25/2011 17:35	MW
7440-66-6	Zinc	44		ug/L	0.9	20	1	EPA SW846-6010B	04/25/2011 15:42	04/25/2011 17:35	MW

Sample Information

<u>Client Sample ID:</u> NR-MW-2		<u>York Sample ID:</u> 11D0646-02		
<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
11D0646	41103.00	Water	April 20, 2011 5:10 pm	04/21/2011

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		ug/L	0.03900	0.2000	1	EPA SW846-7470	04/26/2011 16:04	04/26/2011 16:04	AA

Sample Information

<u>Client Sample ID:</u> NR-MW-3			<u>York Sample ID:</u> 11D0646-03	
<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
11D0646	41103.00	Water	April 20, 2011 4:55 pm	04/21/2011

Volatile Organics, 8260 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
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	04/29/2011 18:46	04/29/2011 18:46	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.95	5.0	1	EPA SW846-8260B	04/29/2011 18:46	04/29/2011 18:46	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.57	5.0	1	EPA SW846-8260B	04/29/2011 18:46	04/29/2011 18:46	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.60	5.0	1	EPA SW846-8260B	04/29/2011 18:46	04/29/2011 18:46	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	04/29/2011 18:46	04/29/2011 18:46	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.69	5.0	1	EPA SW846-8260B	04/29/2011 18:46	04/29/2011 18:46	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	04/29/2011 18:46	04/29/2011 18:46	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	04/29/2011 18:46	04/29/2011 18:46	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.37	10	1	EPA SW846-8260B	04/29/2011 18:46	04/29/2011 18:46	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	1.1	5.0	1	EPA SW846-8260B	04/29/2011 18:46	04/29/2011 18:46	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.48	10	1	EPA SW846-8260B	04/29/2011 18:46	04/29/2011 18:46	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.53	5.0	1	EPA SW846-8260B	04/29/2011 18:46	04/29/2011 18:46	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	1.3	10	1	EPA SW846-8260B	04/29/2011 18:46	04/29/2011 18:46	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	04/29/2011 18:46	04/29/2011 18:46	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B	04/29/2011 18:46	04/29/2011 18:46	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.65	5.0	1	EPA SW846-8260B	04/29/2011 18:46	04/29/2011 18:46	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.22	5.0	1	EPA SW846-8260B	04/29/2011 18:46	04/29/2011 18:46	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.37	5.0	1	EPA SW846-8260B	04/29/2011 18:46	04/29/2011 18:46	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.47	5.0	1	EPA SW846-8260B	04/29/2011 18:46	04/29/2011 18:46	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.69	5.0	1	EPA SW846-8260B	04/29/2011 18:46	04/29/2011 18:46	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	04/29/2011 18:46	04/29/2011 18:46	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.96	5.0	1	EPA SW846-8260B	04/29/2011 18:46	04/29/2011 18:46	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	04/29/2011 18:46	04/29/2011 18:46	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	04/29/2011 18:46	04/29/2011 18:46	SS

Sample Information

Client Sample ID: NR-MW-3

York Sample ID: 11D0646-03

York Project (SDG) No.
11D0646

Client Project ID
41103.00

Matrix
Water

Collection Date/Time
April 20, 2011 4:55 pm

Date Received
04/21/2011

Volatile Organics, 8260 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	0.48	5.0	1	EPA SW846-8260B	04/29/2011 18:46	04/29/2011 18:46	SS
108-86-1	Bromobenzene	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	04/29/2011 18:46	04/29/2011 18:46	SS
74-97-5	Bromochloromethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	04/29/2011 18:46	04/29/2011 18:46	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.62	5.0	1	EPA SW846-8260B	04/29/2011 18:46	04/29/2011 18:46	SS
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	04/29/2011 18:46	04/29/2011 18:46	SS
74-83-9	Bromomethane	ND		ug/L	1.2	5.0	1	EPA SW846-8260B	04/29/2011 18:46	04/29/2011 18:46	SS
56-23-5	Carbon tetrachloride	ND		ug/L	1.0	5.0	1	EPA SW846-8260B	04/29/2011 18:46	04/29/2011 18:46	SS
108-90-7	Chlorobenzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	04/29/2011 18:46	04/29/2011 18:46	SS
75-00-3	Chloroethane	ND		ug/L	0.76	5.0	1	EPA SW846-8260B	04/29/2011 18:46	04/29/2011 18:46	SS
67-66-3	Chloroform	ND		ug/L	0.36	5.0	1	EPA SW846-8260B	04/29/2011 18:46	04/29/2011 18:46	SS
74-87-3	Chloromethane	ND		ug/L	0.89	5.0	1	EPA SW846-8260B	04/29/2011 18:46	04/29/2011 18:46	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.96	5.0	1	EPA SW846-8260B	04/29/2011 18:46	04/29/2011 18:46	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	04/29/2011 18:46	04/29/2011 18:46	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.67	5.0	1	EPA SW846-8260B	04/29/2011 18:46	04/29/2011 18:46	SS
74-95-3	Dibromomethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	04/29/2011 18:46	04/29/2011 18:46	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.83	5.0	1	EPA SW846-8260B	04/29/2011 18:46	04/29/2011 18:46	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	04/29/2011 18:46	04/29/2011 18:46	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	04/29/2011 18:46	04/29/2011 18:46	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.39	5.0	1	EPA SW846-8260B	04/29/2011 18:46	04/29/2011 18:46	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.38	5.0	1	EPA SW846-8260B	04/29/2011 18:46	04/29/2011 18:46	SS
75-09-2	Methylene chloride	4.8	J, B	ug/L	1.1	10	1	EPA SW846-8260B	04/29/2011 18:46	04/29/2011 18:46	SS
91-20-3	Naphthalene	ND		ug/L	0.50	10	1	EPA SW846-8260B	04/29/2011 18:46	04/29/2011 18:46	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.32	5.0	1	EPA SW846-8260B	04/29/2011 18:46	04/29/2011 18:46	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	04/29/2011 18:46	04/29/2011 18:46	SS
95-47-6	o-Xylene	ND		ug/L	0.50	5.0	1	EPA SW846-8260B	04/29/2011 18:46	04/29/2011 18:46	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.55	10	1	EPA SW846-8260B	04/29/2011 18:46	04/29/2011 18:46	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.25	5.0	1	EPA SW846-8260B	04/29/2011 18:46	04/29/2011 18:46	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	04/29/2011 18:46	04/29/2011 18:46	SS
100-42-5	Styrene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	04/29/2011 18:46	04/29/2011 18:46	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.46	5.0	1	EPA SW846-8260B	04/29/2011 18:46	04/29/2011 18:46	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	04/29/2011 18:46	04/29/2011 18:46	SS
108-88-3	Toluene	ND		ug/L	0.23	5.0	1	EPA SW846-8260B	04/29/2011 18:46	04/29/2011 18:46	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.65	5.0	1	EPA SW846-8260B	04/29/2011 18:46	04/29/2011 18:46	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	04/29/2011 18:46	04/29/2011 18:46	SS
79-01-6	Trichloroethylene	ND		ug/L	0.57	5.0	1	EPA SW846-8260B	04/29/2011 18:46	04/29/2011 18:46	SS

Sample Information

<u>Client Sample ID:</u> NR-MW-3		<u>York Sample ID:</u> 11D0646-03		
<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
11D0646	41103.00	Water	April 20, 2011 4:55 pm	04/21/2011

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/L	0.91	5.0	1	EPA SW846-8260B	04/29/2011 18:46	04/29/2011 18:46	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.97	5.0	1	EPA SW846-8260B	04/29/2011 18:46	04/29/2011 18:46	SS
1330-20-7	Xylenes, Total	ND		ug/L	1.0	15	1	EPA SW846-8260B	04/29/2011 18:46	04/29/2011 18:46	SS
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	82.3 %		75.7-121							
460-00-4	Surrogate: p-Bromofluorobenzene	97.1 %		71.3-131							
2037-26-5	Surrogate: Toluene-d8	103 %		86.7-112							

Metals, Priority Pollutant

Sample Prepared by Method: EPA SW 846-3010A

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	2	5	1	EPA SW846-6010B	04/25/2011 15:42	04/25/2011 17:40	MW
7440-38-2	Arsenic	10		ug/L	1	10	1	EPA SW846-6010B	04/25/2011 15:42	04/25/2011 17:40	MW
7440-41-7	Beryllium	ND		ug/L	0.9	1	1	EPA SW846-6010B	04/25/2011 15:42	04/25/2011 17:40	MW
7440-43-9	Cadmium	ND		ug/L	1	3	1	EPA SW846-6010B	04/25/2011 15:42	04/25/2011 17:40	MW
7440-47-3	Chromium	5		ug/L	0.9	5	1	EPA SW846-6010B	04/25/2011 15:42	04/25/2011 17:40	MW
7440-50-8	Copper	ND		ug/L	2	5	1	EPA SW846-6010B	04/25/2011 15:42	04/25/2011 17:40	MW
7439-92-1	Lead	ND		ug/L	1	3	1	EPA SW846-6010B	04/25/2011 15:42	04/25/2011 17:40	MW
7440-02-0	Nickel	9		ug/L	0.8	5	1	EPA SW846-6010B	04/25/2011 15:42	04/25/2011 17:40	MW
7782-49-2	Selenium	ND		ug/L	2	10	1	EPA SW846-6010B	04/25/2011 15:42	04/25/2011 17:40	MW
7440-22-4	Silver	ND		ug/L	1	5	1	EPA SW846-6010B	04/25/2011 15:42	04/25/2011 17:40	MW
7440-28-0	Thallium	ND		ug/L	2	10	1	EPA SW846-6010B	04/25/2011 15:42	04/25/2011 17:40	MW
7440-66-6	Zinc	35		ug/L	0.9	20	1	EPA SW846-6010B	04/25/2011 15:42	04/25/2011 17:40	MW

Mercury by 7470/7471

Sample Prepared by Method: EPA SW846-7470

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		ug/L	0.03900	0.2000	1	EPA SW846-7470	04/26/2011 16:04	04/26/2011 16:04	AA

Sample Information

<u>Client Sample ID:</u> NR-MW-4		<u>York Sample ID:</u> 11D0646-04		
<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
11D0646	41103.00	Water	April 20, 2011 11:30 am	04/21/2011

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: NR-MW-4

York Sample ID: 11D0646-04

York Project (SDG) No.
11D0646

Client Project ID
41103.00

Matrix
Water

Collection Date/Time
April 20, 2011 11:30 am

Date Received
04/21/2011

Volatile Organics, 8260 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
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	04/29/2011 19:31	04/29/2011 19:31	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.95	5.0	1	EPA SW846-8260B	04/29/2011 19:31	04/29/2011 19:31	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.57	5.0	1	EPA SW846-8260B	04/29/2011 19:31	04/29/2011 19:31	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.60	5.0	1	EPA SW846-8260B	04/29/2011 19:31	04/29/2011 19:31	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	04/29/2011 19:31	04/29/2011 19:31	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.69	5.0	1	EPA SW846-8260B	04/29/2011 19:31	04/29/2011 19:31	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	04/29/2011 19:31	04/29/2011 19:31	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	04/29/2011 19:31	04/29/2011 19:31	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.37	10	1	EPA SW846-8260B	04/29/2011 19:31	04/29/2011 19:31	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	1.1	5.0	1	EPA SW846-8260B	04/29/2011 19:31	04/29/2011 19:31	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.48	10	1	EPA SW846-8260B	04/29/2011 19:31	04/29/2011 19:31	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.53	5.0	1	EPA SW846-8260B	04/29/2011 19:31	04/29/2011 19:31	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	1.3	10	1	EPA SW846-8260B	04/29/2011 19:31	04/29/2011 19:31	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	04/29/2011 19:31	04/29/2011 19:31	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B	04/29/2011 19:31	04/29/2011 19:31	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.65	5.0	1	EPA SW846-8260B	04/29/2011 19:31	04/29/2011 19:31	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.22	5.0	1	EPA SW846-8260B	04/29/2011 19:31	04/29/2011 19:31	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.37	5.0	1	EPA SW846-8260B	04/29/2011 19:31	04/29/2011 19:31	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.47	5.0	1	EPA SW846-8260B	04/29/2011 19:31	04/29/2011 19:31	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.69	5.0	1	EPA SW846-8260B	04/29/2011 19:31	04/29/2011 19:31	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	04/29/2011 19:31	04/29/2011 19:31	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.96	5.0	1	EPA SW846-8260B	04/29/2011 19:31	04/29/2011 19:31	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	04/29/2011 19:31	04/29/2011 19:31	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	04/29/2011 19:31	04/29/2011 19:31	SS
71-43-2	Benzene	ND		ug/L	0.48	5.0	1	EPA SW846-8260B	04/29/2011 19:31	04/29/2011 19:31	SS
108-86-1	Bromobenzene	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	04/29/2011 19:31	04/29/2011 19:31	SS
74-97-5	Bromochloromethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	04/29/2011 19:31	04/29/2011 19:31	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.62	5.0	1	EPA SW846-8260B	04/29/2011 19:31	04/29/2011 19:31	SS
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	04/29/2011 19:31	04/29/2011 19:31	SS
74-83-9	Bromomethane	ND		ug/L	1.2	5.0	1	EPA SW846-8260B	04/29/2011 19:31	04/29/2011 19:31	SS
56-23-5	Carbon tetrachloride	ND		ug/L	1.0	5.0	1	EPA SW846-8260B	04/29/2011 19:31	04/29/2011 19:31	SS
108-90-7	Chlorobenzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	04/29/2011 19:31	04/29/2011 19:31	SS
75-00-3	Chloroethane	ND		ug/L	0.76	5.0	1	EPA SW846-8260B	04/29/2011 19:31	04/29/2011 19:31	SS
67-66-3	Chloroform	ND		ug/L	0.36	5.0	1	EPA SW846-8260B	04/29/2011 19:31	04/29/2011 19:31	SS

Sample Information

Client Sample ID: NR-MW-4

York Sample ID: 11D0646-04

York Project (SDG) No.
11D0646

Client Project ID
41103.00

Matrix
Water

Collection Date/Time
April 20, 2011 11:30 am

Date Received
04/21/2011

Volatile Organics, 8260 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
74-87-3	Chloromethane	ND		ug/L	0.89	5.0	1	EPA SW846-8260B	04/29/2011 19:31	04/29/2011 19:31	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.96	5.0	1	EPA SW846-8260B	04/29/2011 19:31	04/29/2011 19:31	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	04/29/2011 19:31	04/29/2011 19:31	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.67	5.0	1	EPA SW846-8260B	04/29/2011 19:31	04/29/2011 19:31	SS
74-95-3	Dibromomethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	04/29/2011 19:31	04/29/2011 19:31	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.83	5.0	1	EPA SW846-8260B	04/29/2011 19:31	04/29/2011 19:31	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	04/29/2011 19:31	04/29/2011 19:31	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	04/29/2011 19:31	04/29/2011 19:31	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.39	5.0	1	EPA SW846-8260B	04/29/2011 19:31	04/29/2011 19:31	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.38	5.0	1	EPA SW846-8260B	04/29/2011 19:31	04/29/2011 19:31	SS
75-09-2	Methylene chloride	4.3	J, B	ug/L	1.1	10	1	EPA SW846-8260B	04/29/2011 19:31	04/29/2011 19:31	SS
91-20-3	Naphthalene	ND		ug/L	0.50	10	1	EPA SW846-8260B	04/29/2011 19:31	04/29/2011 19:31	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.32	5.0	1	EPA SW846-8260B	04/29/2011 19:31	04/29/2011 19:31	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	04/29/2011 19:31	04/29/2011 19:31	SS
95-47-6	o-Xylene	ND		ug/L	0.50	5.0	1	EPA SW846-8260B	04/29/2011 19:31	04/29/2011 19:31	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.55	10	1	EPA SW846-8260B	04/29/2011 19:31	04/29/2011 19:31	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.25	5.0	1	EPA SW846-8260B	04/29/2011 19:31	04/29/2011 19:31	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	04/29/2011 19:31	04/29/2011 19:31	SS
100-42-5	Styrene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	04/29/2011 19:31	04/29/2011 19:31	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.46	5.0	1	EPA SW846-8260B	04/29/2011 19:31	04/29/2011 19:31	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	04/29/2011 19:31	04/29/2011 19:31	SS
108-88-3	Toluene	ND		ug/L	0.23	5.0	1	EPA SW846-8260B	04/29/2011 19:31	04/29/2011 19:31	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.65	5.0	1	EPA SW846-8260B	04/29/2011 19:31	04/29/2011 19:31	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	04/29/2011 19:31	04/29/2011 19:31	SS
79-01-6	Trichloroethylene	ND		ug/L	0.57	5.0	1	EPA SW846-8260B	04/29/2011 19:31	04/29/2011 19:31	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.91	5.0	1	EPA SW846-8260B	04/29/2011 19:31	04/29/2011 19:31	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.97	5.0	1	EPA SW846-8260B	04/29/2011 19:31	04/29/2011 19:31	SS
1330-20-7	Xylenes, Total	ND		ug/L	1.0	15	1	EPA SW846-8260B	04/29/2011 19:31	04/29/2011 19:31	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	80.7 %	75.7-121								
460-00-4	Surrogate: p-Bromofluorobenzene	99.0 %	71.3-131								
2037-26-5	Surrogate: Toluene-d8	101 %	86.7-112								

Sample Information

Client Sample ID: NR-MW-4

York Sample ID: 11D0646-04

York Project (SDG) No.
11D0646

Client Project ID
41103.00

Matrix
Water

Collection Date/Time
April 20, 2011 11:30 am

Date Received
04/21/2011

Metals, Priority Pollutant

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	2	5	1	EPA SW846-6010B	04/25/2011 15:42	04/25/2011 17:57	MW
7440-38-2	Arsenic	26		ug/L	1	10	1	EPA SW846-6010B	04/25/2011 15:42	04/25/2011 17:57	MW
7440-41-7	Beryllium	ND		ug/L	0.9	1	1	EPA SW846-6010B	04/25/2011 15:42	04/25/2011 17:57	MW
7440-43-9	Cadmium	ND		ug/L	1	3	1	EPA SW846-6010B	04/25/2011 15:42	04/25/2011 17:57	MW
7440-47-3	Chromium	8		ug/L	0.9	5	1	EPA SW846-6010B	04/25/2011 15:42	04/25/2011 17:57	MW
7440-50-8	Copper	12		ug/L	2	5	1	EPA SW846-6010B	04/25/2011 15:42	04/25/2011 17:57	MW
7439-92-1	Lead	6		ug/L	1	3	1	EPA SW846-6010B	04/25/2011 15:42	04/25/2011 17:57	MW
7440-02-0	Nickel	21		ug/L	0.8	5	1	EPA SW846-6010B	04/25/2011 15:42	04/25/2011 17:57	MW
7782-49-2	Selenium	ND		ug/L	2	10	1	EPA SW846-6010B	04/25/2011 15:42	04/25/2011 17:57	MW
7440-22-4	Silver	ND		ug/L	1	5	1	EPA SW846-6010B	04/25/2011 15:42	04/25/2011 17:57	MW
7440-28-0	Thallium	ND		ug/L	2	10	1	EPA SW846-6010B	04/25/2011 15:42	04/25/2011 17:57	MW
7440-66-6	Zinc	76		ug/L	0.9	20	1	EPA SW846-6010B	04/25/2011 15:42	04/25/2011 17:57	MW

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	1.800		ug/L	0.03900	0.2000	1	EPA SW846-7470	04/26/2011 16:04	04/26/2011 16:04	AA

Sample Information

Client Sample ID: NR-MW-5

York Sample ID: 11D0646-05

York Project (SDG) No.
11D0646

Client Project ID
41103.00

Matrix
Water

Collection Date/Time
April 20, 2011 3:50 pm

Date Received
04/21/2011

Volatile Organics, 8260 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
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	04/29/2011 20:18	04/29/2011 20:18	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.95	5.0	1	EPA SW846-8260B	04/29/2011 20:18	04/29/2011 20:18	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.57	5.0	1	EPA SW846-8260B	04/29/2011 20:18	04/29/2011 20:18	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.60	5.0	1	EPA SW846-8260B	04/29/2011 20:18	04/29/2011 20:18	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	04/29/2011 20:18	04/29/2011 20:18	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.69	5.0	1	EPA SW846-8260B	04/29/2011 20:18	04/29/2011 20:18	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	04/29/2011 20:18	04/29/2011 20:18	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	04/29/2011 20:18	04/29/2011 20:18	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.37	10	1	EPA SW846-8260B	04/29/2011 20:18	04/29/2011 20:18	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	1.1	5.0	1	EPA SW846-8260B	04/29/2011 20:18	04/29/2011 20:18	SS

Sample Information

Client Sample ID: NR-MW-5

York Sample ID: 11D0646-05

York Project (SDG) No.
11D0646

Client Project ID
41103.00

Matrix
Water

Collection Date/Time
April 20, 2011 3:50 pm

Date Received
04/21/2011

Volatile Organics, 8260 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
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.48	10	1	EPA SW846-8260B	04/29/2011 20:18	04/29/2011 20:18	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.53	5.0	1	EPA SW846-8260B	04/29/2011 20:18	04/29/2011 20:18	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	1.3	10	1	EPA SW846-8260B	04/29/2011 20:18	04/29/2011 20:18	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	04/29/2011 20:18	04/29/2011 20:18	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B	04/29/2011 20:18	04/29/2011 20:18	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.65	5.0	1	EPA SW846-8260B	04/29/2011 20:18	04/29/2011 20:18	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.22	5.0	1	EPA SW846-8260B	04/29/2011 20:18	04/29/2011 20:18	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.37	5.0	1	EPA SW846-8260B	04/29/2011 20:18	04/29/2011 20:18	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.47	5.0	1	EPA SW846-8260B	04/29/2011 20:18	04/29/2011 20:18	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.69	5.0	1	EPA SW846-8260B	04/29/2011 20:18	04/29/2011 20:18	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	04/29/2011 20:18	04/29/2011 20:18	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.96	5.0	1	EPA SW846-8260B	04/29/2011 20:18	04/29/2011 20:18	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	04/29/2011 20:18	04/29/2011 20:18	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	04/29/2011 20:18	04/29/2011 20:18	SS
71-43-2	Benzene	ND		ug/L	0.48	5.0	1	EPA SW846-8260B	04/29/2011 20:18	04/29/2011 20:18	SS
108-86-1	Bromobenzene	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	04/29/2011 20:18	04/29/2011 20:18	SS
74-97-5	Bromochloromethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	04/29/2011 20:18	04/29/2011 20:18	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.62	5.0	1	EPA SW846-8260B	04/29/2011 20:18	04/29/2011 20:18	SS
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	04/29/2011 20:18	04/29/2011 20:18	SS
74-83-9	Bromomethane	ND		ug/L	1.2	5.0	1	EPA SW846-8260B	04/29/2011 20:18	04/29/2011 20:18	SS
56-23-5	Carbon tetrachloride	ND		ug/L	1.0	5.0	1	EPA SW846-8260B	04/29/2011 20:18	04/29/2011 20:18	SS
108-90-7	Chlorobenzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	04/29/2011 20:18	04/29/2011 20:18	SS
75-00-3	Chloroethane	ND		ug/L	0.76	5.0	1	EPA SW846-8260B	04/29/2011 20:18	04/29/2011 20:18	SS
67-66-3	Chloroform	ND		ug/L	0.36	5.0	1	EPA SW846-8260B	04/29/2011 20:18	04/29/2011 20:18	SS
74-87-3	Chloromethane	ND		ug/L	0.89	5.0	1	EPA SW846-8260B	04/29/2011 20:18	04/29/2011 20:18	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.96	5.0	1	EPA SW846-8260B	04/29/2011 20:18	04/29/2011 20:18	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	04/29/2011 20:18	04/29/2011 20:18	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.67	5.0	1	EPA SW846-8260B	04/29/2011 20:18	04/29/2011 20:18	SS
74-95-3	Dibromomethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	04/29/2011 20:18	04/29/2011 20:18	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.83	5.0	1	EPA SW846-8260B	04/29/2011 20:18	04/29/2011 20:18	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	04/29/2011 20:18	04/29/2011 20:18	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	04/29/2011 20:18	04/29/2011 20:18	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.39	5.0	1	EPA SW846-8260B	04/29/2011 20:18	04/29/2011 20:18	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.38	5.0	1	EPA SW846-8260B	04/29/2011 20:18	04/29/2011 20:18	SS
75-09-2	Methylene chloride	3.9	J, B	ug/L	1.1	10	1	EPA SW846-8260B	04/29/2011 20:18	04/29/2011 20:18	SS

Sample Information

Client Sample ID: NR-MW-5

York Sample ID: 11D0646-05

York Project (SDG) No.
11D0646

Client Project ID
41103.00

Matrix
Water

Collection Date/Time
April 20, 2011 3:50 pm

Date Received
04/21/2011

Volatile Organics, 8260 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
91-20-3	Naphthalene	ND		ug/L	0.50	10	1	EPA SW846-8260B	04/29/2011 20:18	04/29/2011 20:18	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.32	5.0	1	EPA SW846-8260B	04/29/2011 20:18	04/29/2011 20:18	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	04/29/2011 20:18	04/29/2011 20:18	SS
95-47-6	o-Xylene	ND		ug/L	0.50	5.0	1	EPA SW846-8260B	04/29/2011 20:18	04/29/2011 20:18	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.55	10	1	EPA SW846-8260B	04/29/2011 20:18	04/29/2011 20:18	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.25	5.0	1	EPA SW846-8260B	04/29/2011 20:18	04/29/2011 20:18	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	04/29/2011 20:18	04/29/2011 20:18	SS
100-42-5	Styrene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	04/29/2011 20:18	04/29/2011 20:18	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.46	5.0	1	EPA SW846-8260B	04/29/2011 20:18	04/29/2011 20:18	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	04/29/2011 20:18	04/29/2011 20:18	SS
108-88-3	Toluene	ND		ug/L	0.23	5.0	1	EPA SW846-8260B	04/29/2011 20:18	04/29/2011 20:18	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.65	5.0	1	EPA SW846-8260B	04/29/2011 20:18	04/29/2011 20:18	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	04/29/2011 20:18	04/29/2011 20:18	SS
79-01-6	Trichloroethylene	ND		ug/L	0.57	5.0	1	EPA SW846-8260B	04/29/2011 20:18	04/29/2011 20:18	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.91	5.0	1	EPA SW846-8260B	04/29/2011 20:18	04/29/2011 20:18	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.97	5.0	1	EPA SW846-8260B	04/29/2011 20:18	04/29/2011 20:18	SS
1330-20-7	Xylenes, Total	ND		ug/L	1.0	15	1	EPA SW846-8260B	04/29/2011 20:18	04/29/2011 20:18	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	81.5 %	75.7-121								
460-00-4	Surrogate: p-Bromofluorobenzene	103 %	71.3-131								
2037-26-5	Surrogate: Toluene-d8	99.8 %	86.7-112								

Metals, Priority Pollutant

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	2	5	1	EPA SW846-6010B	04/25/2011 15:42	04/25/2011 18:02	MW
7440-38-2	Arsenic	ND		ug/L	1	10	1	EPA SW846-6010B	04/25/2011 15:42	04/25/2011 18:02	MW
7440-41-7	Beryllium	ND		ug/L	0.9	1	1	EPA SW846-6010B	04/25/2011 15:42	04/25/2011 18:02	MW
7440-43-9	Cadmium	ND		ug/L	1	3	1	EPA SW846-6010B	04/25/2011 15:42	04/25/2011 18:02	MW
7440-47-3	Chromium	ND		ug/L	0.9	5	1	EPA SW846-6010B	04/25/2011 15:42	04/25/2011 18:02	MW
7440-50-8	Copper	ND		ug/L	2	5	1	EPA SW846-6010B	04/25/2011 15:42	04/25/2011 18:02	MW
7439-92-1	Lead	3		ug/L	1	3	1	EPA SW846-6010B	04/25/2011 15:42	04/25/2011 18:02	MW
7440-02-0	Nickel	8		ug/L	0.8	5	1	EPA SW846-6010B	04/25/2011 15:42	04/25/2011 18:02	MW
7782-49-2	Selenium	ND		ug/L	2	10	1	EPA SW846-6010B	04/25/2011 15:42	04/25/2011 18:02	MW
7440-22-4	Silver	ND		ug/L	1	5	1	EPA SW846-6010B	04/25/2011 15:42	04/25/2011 18:02	MW
7440-28-0	Thallium	ND		ug/L	2	10	1	EPA SW846-6010B	04/25/2011 15:42	04/25/2011 18:02	MW

Sample Information

<u>Client Sample ID:</u> NR-MW-5		<u>York Sample ID:</u> 11D0646-05		
<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
11D0646	41103.00	Water	April 20, 2011 3:50 pm	04/21/2011

Metals, Priority Pollutant

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	35		ug/L	0.9	20	1	EPA SW846-6010B	04/25/2011 15:42	04/25/2011 18:02	MW

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		ug/L	0.03900	0.2000	1	EPA SW846-7470	04/26/2011 16:04	04/26/2011 16:04	AA

Sample Information

<u>Client Sample ID:</u> NR-MW-DUP			<u>York Sample ID:</u> 11D0646-06	
<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
11D0646	41103.00	Water	April 20, 2011 3:00 pm	04/21/2011

Volatile Organics, 8260 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
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	04/29/2011 21:03	04/29/2011 21:03	SS
71-55-6	1,1,1-Trichloroethane	1.2	J	ug/L	0.95	5.0	1	EPA SW846-8260B	04/29/2011 21:03	04/29/2011 21:03	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.57	5.0	1	EPA SW846-8260B	04/29/2011 21:03	04/29/2011 21:03	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.60	5.0	1	EPA SW846-8260B	04/29/2011 21:03	04/29/2011 21:03	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	04/29/2011 21:03	04/29/2011 21:03	SS
75-34-3	1,1-Dichloroethane	3.7	J	ug/L	0.69	5.0	1	EPA SW846-8260B	04/29/2011 21:03	04/29/2011 21:03	SS
75-35-4	1,1-Dichloroethylene	3.5	J	ug/L	1.3	5.0	1	EPA SW846-8260B	04/29/2011 21:03	04/29/2011 21:03	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	04/29/2011 21:03	04/29/2011 21:03	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.37	10	1	EPA SW846-8260B	04/29/2011 21:03	04/29/2011 21:03	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	1.1	5.0	1	EPA SW846-8260B	04/29/2011 21:03	04/29/2011 21:03	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.48	10	1	EPA SW846-8260B	04/29/2011 21:03	04/29/2011 21:03	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.53	5.0	1	EPA SW846-8260B	04/29/2011 21:03	04/29/2011 21:03	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	1.3	10	1	EPA SW846-8260B	04/29/2011 21:03	04/29/2011 21:03	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	04/29/2011 21:03	04/29/2011 21:03	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B	04/29/2011 21:03	04/29/2011 21:03	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.65	5.0	1	EPA SW846-8260B	04/29/2011 21:03	04/29/2011 21:03	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.22	5.0	1	EPA SW846-8260B	04/29/2011 21:03	04/29/2011 21:03	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.37	5.0	1	EPA SW846-8260B	04/29/2011 21:03	04/29/2011 21:03	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.47	5.0	1	EPA SW846-8260B	04/29/2011 21:03	04/29/2011 21:03	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.69	5.0	1	EPA SW846-8260B	04/29/2011 21:03	04/29/2011 21:03	SS

Sample Information

Client Sample ID: NR-MW-DUP

York Sample ID: 11D0646-06

York Project (SDG) No.
11D0646

Client Project ID
41103.00

Matrix
Water

Collection Date/Time
April 20, 2011 3:00 pm

Date Received
04/21/2011

Volatile Organics, 8260 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
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	04/29/2011 21:03	04/29/2011 21:03	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.96	5.0	1	EPA SW846-8260B	04/29/2011 21:03	04/29/2011 21:03	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	04/29/2011 21:03	04/29/2011 21:03	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	04/29/2011 21:03	04/29/2011 21:03	SS
71-43-2	Benzene	ND		ug/L	0.48	5.0	1	EPA SW846-8260B	04/29/2011 21:03	04/29/2011 21:03	SS
108-86-1	Bromobenzene	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	04/29/2011 21:03	04/29/2011 21:03	SS
74-97-5	Bromochloromethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	04/29/2011 21:03	04/29/2011 21:03	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.62	5.0	1	EPA SW846-8260B	04/29/2011 21:03	04/29/2011 21:03	SS
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	04/29/2011 21:03	04/29/2011 21:03	SS
74-83-9	Bromomethane	ND		ug/L	1.2	5.0	1	EPA SW846-8260B	04/29/2011 21:03	04/29/2011 21:03	SS
56-23-5	Carbon tetrachloride	ND		ug/L	1.0	5.0	1	EPA SW846-8260B	04/29/2011 21:03	04/29/2011 21:03	SS
108-90-7	Chlorobenzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	04/29/2011 21:03	04/29/2011 21:03	SS
75-00-3	Chloroethane	ND		ug/L	0.76	5.0	1	EPA SW846-8260B	04/29/2011 21:03	04/29/2011 21:03	SS
67-66-3	Chloroform	ND		ug/L	0.36	5.0	1	EPA SW846-8260B	04/29/2011 21:03	04/29/2011 21:03	SS
74-87-3	Chloromethane	ND		ug/L	0.89	5.0	1	EPA SW846-8260B	04/29/2011 21:03	04/29/2011 21:03	SS
156-59-2	cis-1,2-Dichloroethylene	600		ug/L	19	100	20	EPA SW846-8260B	04/29/2011 21:03	05/04/2011 11:27	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	04/29/2011 21:03	04/29/2011 21:03	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.67	5.0	1	EPA SW846-8260B	04/29/2011 21:03	04/29/2011 21:03	SS
74-95-3	Dibromomethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	04/29/2011 21:03	04/29/2011 21:03	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.83	5.0	1	EPA SW846-8260B	04/29/2011 21:03	04/29/2011 21:03	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	04/29/2011 21:03	04/29/2011 21:03	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	04/29/2011 21:03	04/29/2011 21:03	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.39	5.0	1	EPA SW846-8260B	04/29/2011 21:03	04/29/2011 21:03	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.38	5.0	1	EPA SW846-8260B	04/29/2011 21:03	04/29/2011 21:03	SS
75-09-2	Methylene chloride	4.0	J, B	ug/L	1.1	10	1	EPA SW846-8260B	04/29/2011 21:03	04/29/2011 21:03	SS
91-20-3	Naphthalene	ND		ug/L	0.50	10	1	EPA SW846-8260B	04/29/2011 21:03	04/29/2011 21:03	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.32	5.0	1	EPA SW846-8260B	04/29/2011 21:03	04/29/2011 21:03	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	04/29/2011 21:03	04/29/2011 21:03	SS
95-47-6	o-Xylene	ND		ug/L	0.50	5.0	1	EPA SW846-8260B	04/29/2011 21:03	04/29/2011 21:03	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.55	10	1	EPA SW846-8260B	04/29/2011 21:03	04/29/2011 21:03	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.25	5.0	1	EPA SW846-8260B	04/29/2011 21:03	04/29/2011 21:03	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	04/29/2011 21:03	04/29/2011 21:03	SS
100-42-5	Styrene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	04/29/2011 21:03	04/29/2011 21:03	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.46	5.0	1	EPA SW846-8260B	04/29/2011 21:03	04/29/2011 21:03	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	04/29/2011 21:03	04/29/2011 21:03	SS

Sample Information

Client Sample ID: NR-MW-DUP

York Sample ID: 11D0646-06

York Project (SDG) No.
11D0646

Client Project ID
41103.00

Matrix
Water

Collection Date/Time
April 20, 2011 3:00 pm

Date Received
04/21/2011

Volatile Organics, 8260 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	0.23	5.0	1	EPA SW846-8260B	04/29/2011 21:03	04/29/2011 21:03	SS
156-60-5	trans-1,2-Dichloroethylene	29		ug/L	0.65	5.0	1	EPA SW846-8260B	04/29/2011 21:03	04/29/2011 21:03	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	04/29/2011 21:03	04/29/2011 21:03	SS
79-01-6	Trichloroethylene	500		ug/L	11	100	20	EPA SW846-8260B	04/29/2011 21:03	05/04/2011 11:27	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.91	5.0	1	EPA SW846-8260B	04/29/2011 21:03	04/29/2011 21:03	SS
75-01-4	Vinyl Chloride	150		ug/L	0.97	5.0	1	EPA SW846-8260B	04/29/2011 21:03	04/29/2011 21:03	SS
1330-20-7	Xylenes, Total	ND		ug/L	1.0	15	1	EPA SW846-8260B	04/29/2011 21:03	04/29/2011 21:03	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>80.8 %</i>	<i>75.7-121</i>								
460-00-4	<i>Surrogate: p-Bromofluorobenzene</i>	<i>100 %</i>	<i>71.3-131</i>								
2037-26-5	<i>Surrogate: Toluene-d8</i>	<i>102 %</i>	<i>86.7-112</i>								

Metals, Priority Pollutant

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	2	5	1	EPA SW846-6010B	04/25/2011 15:42	04/25/2011 18:07	MW
7440-38-2	Arsenic	ND		ug/L	1	10	1	EPA SW846-6010B	04/25/2011 15:42	04/25/2011 18:07	MW
7440-41-7	Beryllium	ND		ug/L	0.9	1	1	EPA SW846-6010B	04/25/2011 15:42	04/25/2011 18:07	MW
7440-43-9	Cadmium	59		ug/L	1	3	1	EPA SW846-6010B	04/25/2011 15:42	04/25/2011 18:07	MW
7440-47-3	Chromium	8		ug/L	0.9	5	1	EPA SW846-6010B	04/25/2011 15:42	04/25/2011 18:07	MW
7440-50-8	Copper	6		ug/L	2	5	1	EPA SW846-6010B	04/25/2011 15:42	04/25/2011 18:07	MW
7439-92-1	Lead	3		ug/L	1	3	1	EPA SW846-6010B	04/25/2011 15:42	04/25/2011 18:07	MW
7440-02-0	Nickel	307		ug/L	0.8	5	1	EPA SW846-6010B	04/25/2011 15:42	04/25/2011 18:07	MW
7782-49-2	Selenium	ND		ug/L	2	10	1	EPA SW846-6010B	04/25/2011 15:42	04/25/2011 18:07	MW
7440-22-4	Silver	ND		ug/L	1	5	1	EPA SW846-6010B	04/25/2011 15:42	04/25/2011 18:07	MW
7440-28-0	Thallium	ND		ug/L	2	10	1	EPA SW846-6010B	04/25/2011 15:42	04/25/2011 18:07	MW
7440-66-6	Zinc	146		ug/L	0.9	20	1	EPA SW846-6010B	04/25/2011 15:42	04/25/2011 18:07	MW

Sample Information

Client Sample ID: NR-MW-DUP

York Sample ID: 11D0646-06

<u>York Project (SDG) No.</u> 11D0646	<u>Client Project ID</u> 41103.00	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 20, 2011 3:00 pm	<u>Date Received</u> 04/21/2011

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		ug/L	0.03900	0.2000	1	EPA SW846-7470	04/26/2011 16:04	04/26/2011 16:04	AA

Sample Information

Client Sample ID: TRIP BLANK

York Sample ID: 11D0646-07

<u>York Project (SDG) No.</u> 11D0646	<u>Client Project ID</u> 41103.00	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 19, 2011 5:00 pm	<u>Date Received</u> 04/21/2011

Volatile Organics, 8260 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
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	04/29/2011 21:48	04/29/2011 21:48	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.95	5.0	1	EPA SW846-8260B	04/29/2011 21:48	04/29/2011 21:48	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.57	5.0	1	EPA SW846-8260B	04/29/2011 21:48	04/29/2011 21:48	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.60	5.0	1	EPA SW846-8260B	04/29/2011 21:48	04/29/2011 21:48	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	04/29/2011 21:48	04/29/2011 21:48	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.69	5.0	1	EPA SW846-8260B	04/29/2011 21:48	04/29/2011 21:48	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	04/29/2011 21:48	04/29/2011 21:48	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	04/29/2011 21:48	04/29/2011 21:48	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.37	10	1	EPA SW846-8260B	04/29/2011 21:48	04/29/2011 21:48	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	1.1	5.0	1	EPA SW846-8260B	04/29/2011 21:48	04/29/2011 21:48	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.48	10	1	EPA SW846-8260B	04/29/2011 21:48	04/29/2011 21:48	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.53	5.0	1	EPA SW846-8260B	04/29/2011 21:48	04/29/2011 21:48	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	1.3	10	1	EPA SW846-8260B	04/29/2011 21:48	04/29/2011 21:48	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	04/29/2011 21:48	04/29/2011 21:48	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B	04/29/2011 21:48	04/29/2011 21:48	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.65	5.0	1	EPA SW846-8260B	04/29/2011 21:48	04/29/2011 21:48	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.22	5.0	1	EPA SW846-8260B	04/29/2011 21:48	04/29/2011 21:48	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.37	5.0	1	EPA SW846-8260B	04/29/2011 21:48	04/29/2011 21:48	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.47	5.0	1	EPA SW846-8260B	04/29/2011 21:48	04/29/2011 21:48	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.69	5.0	1	EPA SW846-8260B	04/29/2011 21:48	04/29/2011 21:48	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	04/29/2011 21:48	04/29/2011 21:48	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.96	5.0	1	EPA SW846-8260B	04/29/2011 21:48	04/29/2011 21:48	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	04/29/2011 21:48	04/29/2011 21:48	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	04/29/2011 21:48	04/29/2011 21:48	SS

Sample Information

Client Sample ID: TRIP BLANK

York Sample ID: 11D0646-07

York Project (SDG) No.
11D0646

Client Project ID
41103.00

Matrix
Water

Collection Date/Time
April 19, 2011 5:00 pm

Date Received
04/21/2011

Volatile Organics, 8260 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	0.48	5.0	1	EPA SW846-8260B	04/29/2011 21:48	04/29/2011 21:48	SS
108-86-1	Bromobenzene	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	04/29/2011 21:48	04/29/2011 21:48	SS
74-97-5	Bromochloromethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	04/29/2011 21:48	04/29/2011 21:48	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.62	5.0	1	EPA SW846-8260B	04/29/2011 21:48	04/29/2011 21:48	SS
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	04/29/2011 21:48	04/29/2011 21:48	SS
74-83-9	Bromomethane	ND		ug/L	1.2	5.0	1	EPA SW846-8260B	04/29/2011 21:48	04/29/2011 21:48	SS
56-23-5	Carbon tetrachloride	ND		ug/L	1.0	5.0	1	EPA SW846-8260B	04/29/2011 21:48	04/29/2011 21:48	SS
108-90-7	Chlorobenzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	04/29/2011 21:48	04/29/2011 21:48	SS
75-00-3	Chloroethane	ND		ug/L	0.76	5.0	1	EPA SW846-8260B	04/29/2011 21:48	04/29/2011 21:48	SS
67-66-3	Chloroform	ND		ug/L	0.36	5.0	1	EPA SW846-8260B	04/29/2011 21:48	04/29/2011 21:48	SS
74-87-3	Chloromethane	ND		ug/L	0.89	5.0	1	EPA SW846-8260B	04/29/2011 21:48	04/29/2011 21:48	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.96	5.0	1	EPA SW846-8260B	04/29/2011 21:48	04/29/2011 21:48	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	04/29/2011 21:48	04/29/2011 21:48	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.67	5.0	1	EPA SW846-8260B	04/29/2011 21:48	04/29/2011 21:48	SS
74-95-3	Dibromomethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	04/29/2011 21:48	04/29/2011 21:48	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.83	5.0	1	EPA SW846-8260B	04/29/2011 21:48	04/29/2011 21:48	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	04/29/2011 21:48	04/29/2011 21:48	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	04/29/2011 21:48	04/29/2011 21:48	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.39	5.0	1	EPA SW846-8260B	04/29/2011 21:48	04/29/2011 21:48	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.38	5.0	1	EPA SW846-8260B	04/29/2011 21:48	04/29/2011 21:48	SS
75-09-2	Methylene chloride	3.9	J, B	ug/L	1.1	10	1	EPA SW846-8260B	04/29/2011 21:48	04/29/2011 21:48	SS
91-20-3	Naphthalene	ND		ug/L	0.50	10	1	EPA SW846-8260B	04/29/2011 21:48	04/29/2011 21:48	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.32	5.0	1	EPA SW846-8260B	04/29/2011 21:48	04/29/2011 21:48	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	04/29/2011 21:48	04/29/2011 21:48	SS
95-47-6	o-Xylene	ND		ug/L	0.50	5.0	1	EPA SW846-8260B	04/29/2011 21:48	04/29/2011 21:48	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.55	10	1	EPA SW846-8260B	04/29/2011 21:48	04/29/2011 21:48	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.25	5.0	1	EPA SW846-8260B	04/29/2011 21:48	04/29/2011 21:48	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	04/29/2011 21:48	04/29/2011 21:48	SS
100-42-5	Styrene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	04/29/2011 21:48	04/29/2011 21:48	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.46	5.0	1	EPA SW846-8260B	04/29/2011 21:48	04/29/2011 21:48	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	04/29/2011 21:48	04/29/2011 21:48	SS
108-88-3	Toluene	ND		ug/L	0.23	5.0	1	EPA SW846-8260B	04/29/2011 21:48	04/29/2011 21:48	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.65	5.0	1	EPA SW846-8260B	04/29/2011 21:48	04/29/2011 21:48	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	04/29/2011 21:48	04/29/2011 21:48	SS
79-01-6	Trichloroethylene	ND		ug/L	0.57	5.0	1	EPA SW846-8260B	04/29/2011 21:48	04/29/2011 21:48	SS

Sample Information

Client Sample ID: TRIP BLANK

York Sample ID: 11D0646-07

York Project (SDG) No.
11D0646

Client Project ID
41103.00

Matrix
Water

Collection Date/Time
April 19, 2011 5:00 pm

Date Received
04/21/2011

Volatile Organics, 8260 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
75-69-4	Trichlorofluoromethane	ND		ug/L	0.91	5.0	1	EPA SW846-8260B	04/29/2011 21:48	04/29/2011 21:48	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.97	5.0	1	EPA SW846-8260B	04/29/2011 21:48	04/29/2011 21:48	SS
1330-20-7	Xylenes, Total	ND		ug/L	1.0	15	1	EPA SW846-8260B	04/29/2011 21:48	04/29/2011 21:48	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	79.0 %			75.7-121						
460-00-4	Surrogate: p-Bromofluorobenzene	102 %			71.3-131						
2037-26-5	Surrogate: Toluene-d8	102 %			86.7-112						

Analytical Batch Summary

Batch ID: BD10894 **Preparation Method:** EPA SW 846-3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
11D0646-01	NR-MW-1	04/25/11
11D0646-02	NR-MW-2	04/25/11
11D0646-03	NR-MW-3	04/25/11
11D0646-04	NR-MW-4	04/25/11
11D0646-05	NR-MW-5	04/25/11
11D0646-06	NR-MW-DUP	04/25/11
BD10894-BLK1	Blank	04/25/11
BD10894-DUP1	Duplicate	04/25/11
BD10894-MS1	Matrix Spike	04/25/11
BD10894-SRM1	Reference	04/25/11

Batch ID: BD10917 **Preparation Method:** EPA SW846-7470 **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
11D0646-01	NR-MW-1	04/26/11
11D0646-02	NR-MW-2	04/26/11
11D0646-03	NR-MW-3	04/26/11
11D0646-04	NR-MW-4	04/26/11
11D0646-05	NR-MW-5	04/26/11
11D0646-06	NR-MW-DUP	04/26/11
BD10917-BLK1	Blank	04/26/11
BD10917-BS1	LCS	04/26/11

Batch ID: BD11068 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
11D0646-02	NR-MW-2	04/29/11
11D0646-03	NR-MW-3	04/29/11
11D0646-04	NR-MW-4	04/29/11
11D0646-05	NR-MW-5	04/29/11
11D0646-07	TRIP BLANK	04/29/11
BD11068-BLK1	Blank	04/29/11
BD11068-BS1	LCS	04/29/11
BD11068-BSD1	LCS Dup	04/29/11

Batch ID: BE10118 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
11D0646-01	NR-MW-1	04/29/11
11D0646-06	NR-MW-DUP	04/29/11
BE10118-BLK1	Blank	05/04/11
BE10118-BS1	LCS	05/04/11
BE10118-BSD1	LCS Dup	05/04/11

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BD11068 - EPA 5030B

Blank (BD11068-BLK1)

Prepared & Analyzed: 04/29/2011

1,1,1,2-Tetrachloroethane	ND	5.0	ug/L
1,1,1-Trichloroethane	ND	5.0	"
1,1,2,2-Tetrachloroethane	ND	5.0	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"
1,1,2-Trichloroethane	ND	5.0	"
1,1-Dichloroethane	ND	5.0	"
1,1-Dichloroethylene	ND	5.0	"
1,1-Dichloropropylene	ND	5.0	"
1,2,3-Trichlorobenzene	ND	10	"
1,2,3-Trichloropropane	ND	5.0	"
1,2,4-Trichlorobenzene	ND	10	"
1,2,4-Trimethylbenzene	ND	5.0	"
1,2-Dibromo-3-chloropropane	ND	10	"
1,2-Dibromoethane	ND	5.0	"
1,2-Dichlorobenzene	ND	5.0	"
1,2-Dichloroethane	ND	5.0	"
1,2-Dichloropropane	ND	5.0	"
1,3,5-Trimethylbenzene	ND	5.0	"
1,3-Dichlorobenzene	ND	5.0	"
1,3-Dichloropropane	ND	5.0	"
1,4-Dichlorobenzene	ND	5.0	"
2,2-Dichloropropane	ND	5.0	"
2-Chlorotoluene	ND	5.0	"
4-Chlorotoluene	ND	5.0	"
Benzene	ND	5.0	"
Bromobenzene	ND	5.0	"
Bromochloromethane	ND	5.0	"
Bromodichloromethane	ND	5.0	"
Bromoform	ND	5.0	"
Bromomethane	ND	5.0	"
Carbon tetrachloride	ND	5.0	"
Chlorobenzene	ND	5.0	"
Chloroethane	ND	5.0	"
Chloroform	ND	5.0	"
Chloromethane	ND	5.0	"
cis-1,2-Dichloroethylene	ND	5.0	"
cis-1,3-Dichloropropylene	ND	5.0	"
Dibromochloromethane	ND	5.0	"
Dibromomethane	ND	5.0	"
Dichlorodifluoromethane	ND	5.0	"
Ethyl Benzene	ND	5.0	"
Hexachlorobutadiene	ND	5.0	"
Isopropylbenzene	ND	5.0	"
Methyl tert-butyl ether (MTBE)	ND	5.0	"
Methylene chloride	5.5	10	"
Naphthalene	ND	10	"
n-Butylbenzene	ND	5.0	"
n-Propylbenzene	ND	5.0	"
o-Xylene	ND	5.0	"
p- & m- Xylenes	ND	10	"
p-Isopropyltoluene	ND	5.0	"
sec-Butylbenzene	ND	5.0	"
Styrene	ND	5.0	"

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD11068 - EPA 5030B											
Blank (BD11068-BLK1)						Prepared & Analyzed: 04/29/2011					
tert-Butylbenzene	ND	5.0	ug/L								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>39.7</i>		<i>"</i>	<i>50.0</i>		<i>79.4</i>	<i>75.7-121</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>50.7</i>		<i>"</i>	<i>50.0</i>		<i>101</i>	<i>71.3-131</i>				
<i>Surrogate: Toluene-d8</i>	<i>51.4</i>		<i>"</i>	<i>50.0</i>		<i>103</i>	<i>86.7-112</i>				
LCS (BD11068-BS1)						Prepared & Analyzed: 04/29/2011					
1,1,1,2-Tetrachloroethane	46		ug/L	50.0		92.9	82.3-130				
1,1,1-Trichloroethane	40		"	50.0		79.3	75.6-137				
1,1,2,2-Tetrachloroethane	54		"	50.0		108	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	47		"	50.0		94.2	71.1-129				
1,1,2-Trichloroethane	49		"	50.0		98.5	74.5-129				
1,1-Dichloroethane	46		"	50.0		91.6	79.6-132				
1,1-Dichloroethylene	44		"	50.0		88.2	80.2-146				
1,1-Dichloropropylene	48		"	50.0		95.5	75-136				
1,2,3-Trichlorobenzene	39		"	50.0		78.0	66.1-136				
1,2,3-Trichloropropane	44		"	50.0		87.5	63-131				
1,2,4-Trichlorobenzene	40		"	50.0		80.2	70.6-136				
1,2,4-Trimethylbenzene	50		"	50.0		99.2	75.3-135				
1,2-Dibromo-3-chloropropane	31		"	50.0		62.7	58.9-140				
1,2-Dibromoethane	51		"	50.0		103	79-130				
1,2-Dichlorobenzene	49		"	50.0		97.6	76.1-122				
1,2-Dichloroethane	38		"	50.0		76.5	74.6-132				
1,2-Dichloropropane	52		"	50.0		105	76.9-129				
1,3,5-Trimethylbenzene	47		"	50.0		93.9	70.6-127				
1,3-Dichlorobenzene	48		"	50.0		96.9	77-124				
1,3-Dichloropropane	48		"	50.0		95.2	75.8-126				
1,4-Dichlorobenzene	49		"	50.0		97.7	76.6-125				
2,2-Dichloropropane	39		"	50.0		78.1	69-133				
2-Chlorotoluene	43		"	50.0		86.2	66.3-119				
4-Chlorotoluene	45		"	50.0		89.8	69.2-127				
Benzene	52		"	50.0		104	76.2-129				
Bromobenzene	47		"	50.0		94.6	71.3-123				
Bromochloromethane	48		"	50.0		96.2	70.8-137				
Bromodichloromethane	43		"	50.0		85.7	79.7-134				
Bromoform	45		"	50.0		90.0	70.5-141				
Bromomethane	52		"	50.0		104	43.9-147				
Carbon tetrachloride	40		"	50.0		79.3	78.1-138				
Chlorobenzene	51		"	50.0		101	80.4-125				
Chloroethane	47		"	50.0		94.8	55.8-140				
Chloroform	42		"	50.0		83.4	76.6-133				
Chloromethane	44		"	50.0		89.0	48.8-115				
cis-1,2-Dichloroethylene	51		"	50.0		102	75.1-128				
cis-1,3-Dichloropropylene	45		"	50.0		89.6	74.5-128				
Dibromochloromethane	44		"	50.0		87.2	79.8-134				
Dibromomethane	49		"	50.0		98.5	79-130				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BD11068 - EPA 5030B

LCS (BD11068-BS1)

Prepared & Analyzed: 04/29/2011

Dichlorodifluoromethane	25		ug/L	50.0		50.6	47.1-101				
Ethyl Benzene	49		"	50.0		98.1	80.8-128				
Hexachlorobutadiene	41		"	50.0		81.8	64.8-128				
Isopropylbenzene	53		"	50.0		106	75.5-135				
Methyl tert-butyl ether (MTBE)	41		"	50.0		82.6	65.1-140				
Methylene chloride	48		"	50.0		95.2	61.3-120				
Naphthalene	39		"	50.0		77.4	62.3-148				
n-Butylbenzene	43		"	50.0		85.2	67.2-123				
n-Propylbenzene	48		"	50.0		96.2	70.5-127				
o-Xylene	46		"	50.0		92.8	75.9-122				
p- & m- Xylenes	94		"	100		93.8	77.7-127				
p-Isopropyltoluene	50		"	50.0		99.2	75.6-129				
sec-Butylbenzene	50		"	50.0		99.0	71.5-125				
Styrene	50		"	50.0		100	77.8-123				
tert-Butylbenzene	58		"	50.0		116	75.9-151				
Tetrachloroethylene	50		"	50.0		99.9	63.6-167				
Toluene	52		"	50.0		103	77-123				
trans-1,2-Dichloroethylene	46		"	50.0		92.1	76.3-139				
trans-1,3-Dichloropropylene	42		"	50.0		83.3	72.5-137				
Trichloroethylene	48		"	50.0		96.0	77.9-130				
Trichlorofluoromethane	36		"	50.0		71.3	57.4-133				
Vinyl Chloride	42		"	50.0		84.7	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	38.4		"	50.0		76.8	75.7-121				
Surrogate: p-Bromofluorobenzene	48.0		"	50.0		96.0	71.3-131				
Surrogate: Toluene-d8	50.6		"	50.0		101	86.7-112				

LCS Dup (BD11068-BSD1)

Prepared & Analyzed: 04/29/2011

1,1,1,2-Tetrachloroethane	46		ug/L	50.0		91.3	82.3-130		1.76	21.1	
1,1,1-Trichloroethane	40		"	50.0		79.7	75.6-137		0.604	19.7	
1,1,2,2-Tetrachloroethane	52		"	50.0		105	71.3-131		3.19	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	48		"	50.0		96.1	71.1-129		2.00	21.7	
1,1,2-Trichloroethane	49		"	50.0		98.1	74.5-129		0.448	20.3	
1,1-Dichloroethane	47		"	50.0		94.4	79.6-132		3.03	20.6	
1,1-Dichloroethylene	45		"	50.0		90.7	80.2-146		2.75	20	
1,1-Dichloropropylene	49		"	50.0		97.1	75-136		1.68	19.3	
1,2,3-Trichlorobenzene	40		"	50.0		79.9	66.1-136		2.46	21.6	
1,2,3-Trichloropropane	48		"	50.0		95.0	63-131		8.24	23.9	
1,2,4-Trichlorobenzene	42		"	50.0		83.8	70.6-136		4.39	21.7	
1,2,4-Trimethylbenzene	50		"	50.0		101	75.3-135		1.56	18.8	
1,2-Dibromo-3-chloropropane	32		"	50.0		63.8	58.9-140		1.83	27.7	
1,2-Dibromoethane	50		"	50.0		101	79-130		1.69	23	
1,2-Dichlorobenzene	48		"	50.0		96.4	76.1-122		1.22	19.8	
1,2-Dichloroethane	38		"	50.0		76.7	74.6-132		0.339	20.2	
1,2-Dichloropropane	52		"	50.0		103	76.9-129		1.39	20.7	
1,3,5-Trimethylbenzene	48		"	50.0		95.2	70.6-127		1.29	18.9	
1,3-Dichlorobenzene	48		"	50.0		96.7	77-124		0.145	19.2	
1,3-Dichloropropane	48		"	50.0		96.9	75.8-126		1.75	22.1	
1,4-Dichlorobenzene	49		"	50.0		97.9	76.6-125		0.266	18.6	
2,2-Dichloropropane	40		"	50.0		79.2	69-133		1.37	19.8	
2-Chlorotoluene	43		"	50.0		86.4	66.3-119		0.278	21.6	
4-Chlorotoluene	46		"	50.0		91.1	69.2-127		1.37	19	
Benzene	52		"	50.0		104	76.2-129		0.385	19	
Bromobenzene	47		"	50.0		93.5	71.3-123		1.21	20.3	

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD11068 - EPA 5030B											
LCS Dup (BD11068-BSD1)						Prepared & Analyzed: 04/29/2011					
Bromochloromethane	49		ug/L	50.0		98.3	70.8-137		2.18	23.9	
Bromodichloromethane	42		"	50.0		84.2	79.7-134		1.69	21	
Bromoform	45		"	50.0		89.0	70.5-141		1.05	21.8	
Bromomethane	55		"	50.0		110	43.9-147		5.51	28.4	
Carbon tetrachloride	40		"	50.0		80.8	78.1-138		1.92	20.1	
Chlorobenzene	51		"	50.0		101	80.4-125		0.0790	19.9	
Chloroethane	50		"	50.0		99.4	55.8-140		4.80	23.3	
Chloroform	42		"	50.0		84.6	76.6-133		1.36	20.3	
Chloromethane	45		"	50.0		90.7	48.8-115		1.96	24.5	
cis-1,2-Dichloroethylene	53		"	50.0		106	75.1-128		4.11	20.5	
cis-1,3-Dichloropropylene	45		"	50.0		89.9	74.5-128		0.334	19.9	
Dibromochloromethane	44		"	50.0		88.3	79.8-134		1.28	21.3	
Dibromomethane	50		"	50.0		99.2	79-130		0.729	22.4	
Dichlorodifluoromethane	26		"	50.0		51.3	47.1-101		1.37	23.9	
Ethyl Benzene	49		"	50.0		98.9	80.8-128		0.731	19.2	
Hexachlorobutadiene	41		"	50.0		82.7	64.8-128		1.17	20.6	
Isopropylbenzene	53		"	50.0		106	75.5-135		0.113	20	
Methyl tert-butyl ether (MTBE)	42		"	50.0		84.4	65.1-140		2.23	23.6	
Methylene chloride	48		"	50.0		96.2	61.3-120		1.05	20.4	
Naphthalene	40		"	50.0		79.0	62.3-148		2.10	27.1	
n-Butylbenzene	43		"	50.0		85.9	67.2-123		0.771	19.1	
n-Propylbenzene	48		"	50.0		96.9	70.5-127		0.663	23.4	
o-Xylene	46		"	50.0		91.8	75.9-122		0.997	19.3	
p- & m- Xylenes	94		"	100		93.7	77.7-127		0.0640	18.6	
p-Isopropyltoluene	50		"	50.0		99.9	75.6-129		0.683	19.1	
sec-Butylbenzene	50		"	50.0		99.5	71.5-125		0.524	18.9	
Styrene	50		"	50.0		100	77.8-123		0.180	20.9	
tert-Butylbenzene	58		"	50.0		116	75.9-151		0.620	20.9	
Tetrachloroethylene	50		"	50.0		99.4	63.6-167		0.542	27.7	
Toluene	51		"	50.0		103	77-123		0.369	18.7	
trans-1,2-Dichloroethylene	46		"	50.0		92.5	76.3-139		0.433	19.5	
trans-1,3-Dichloropropylene	42		"	50.0		83.3	72.5-137		0.0240	19.3	
Trichloroethylene	47		"	50.0		93.9	77.9-130		2.21	20.5	
Trichlorofluoromethane	37		"	50.0		73.8	57.4-133		3.42	21.4	
Vinyl Chloride	44		"	50.0		88.0	54.9-124		3.73	22.3	
Surrogate: 1,2-Dichloroethane-d4	39.0		"	50.0		78.1	75.7-121				
Surrogate: p-Bromofluorobenzene	47.2		"	50.0		94.4	71.3-131				
Surrogate: Toluene-d8	50.2		"	50.0		100	86.7-112				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE10118 - EPA 5030B											
Blank (BE10118-BLK1)						Prepared & Analyzed: 05/04/2011					
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,1-Dichloropropylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	10	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	10	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	10	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,3-Dichloropropane	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
2,2-Dichloropropane	ND	5.0	"								
2-Chlorotoluene	ND	5.0	"								
4-Chlorotoluene	ND	5.0	"								
Benzene	ND	5.0	"								
Bromobenzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	4.6	10	"								
Naphthalene	ND	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE10118 - EPA 5030B											
Blank (BE10118-BLK1)						Prepared & Analyzed: 05/04/2011					
tert-Butylbenzene	ND	5.0	ug/L								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>37.0</i>		<i>"</i>	<i>50.0</i>		<i>74.1</i>	<i>75.7-121</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>48.9</i>		<i>"</i>	<i>50.0</i>		<i>97.9</i>	<i>71.3-131</i>				
<i>Surrogate: Toluene-d8</i>	<i>51.3</i>		<i>"</i>	<i>50.0</i>		<i>103</i>	<i>86.7-112</i>				
LCS (BE10118-BS1)						Prepared & Analyzed: 05/04/2011					
1,1,1,2-Tetrachloroethane	41		ug/L	50.0		82.4	82.3-130				
1,1,1-Trichloroethane	37		"	50.0		73.7	75.6-137	Low Bias			
1,1,2,2-Tetrachloroethane	44		"	50.0		88.2	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	45		"	50.0		90.3	71.1-129				
1,1,2-Trichloroethane	46		"	50.0		91.3	74.5-129				
1,1-Dichloroethane	43		"	50.0		86.7	79.6-132				
1,1-Dichloroethylene	42		"	50.0		84.8	80.2-146				
1,1-Dichloropropylene	45		"	50.0		90.7	75-136				
1,2,3-Trichlorobenzene	35		"	50.0		69.1	66.1-136				
1,2,3-Trichloropropane	37		"	50.0		74.6	63-131				
1,2,4-Trichlorobenzene	37		"	50.0		73.2	70.6-136				
1,2,4-Trimethylbenzene	44		"	50.0		87.8	75.3-135				
1,2-Dibromo-3-chloropropane	26		"	50.0		52.3	58.9-140	Low Bias			
1,2-Dibromoethane	46		"	50.0		91.2	79-130				
1,2-Dichlorobenzene	42		"	50.0		84.6	76.1-122				
1,2-Dichloroethane	35		"	50.0		69.4	74.6-132	Low Bias			
1,2-Dichloropropane	48		"	50.0		95.8	76.9-129				
1,3,5-Trimethylbenzene	41		"	50.0		82.2	70.6-127				
1,3-Dichlorobenzene	42		"	50.0		84.0	77-124				
1,3-Dichloropropane	43		"	50.0		86.5	75.8-126				
1,4-Dichlorobenzene	42		"	50.0		84.9	76.6-125				
2,2-Dichloropropane	35		"	50.0		69.4	69-133				
2-Chlorotoluene	37		"	50.0		74.9	66.3-119				
4-Chlorotoluene	39		"	50.0		78.8	69.2-127				
Benzene	50		"	50.0		99.9	76.2-129				
Bromobenzene	40		"	50.0		80.8	71.3-123				
Bromochloromethane	46		"	50.0		92.8	70.8-137				
Bromodichloromethane	38		"	50.0		76.2	79.7-134	Low Bias			
Bromoform	38		"	50.0		76.5	70.5-141				
Bromomethane	52		"	50.0		105	43.9-147				
Carbon tetrachloride	37		"	50.0		74.1	78.1-138	Low Bias			
Chlorobenzene	47		"	50.0		93.2	80.4-125				
Chloroethane	47		"	50.0		93.5	55.8-140				
Chloroform	39		"	50.0		78.2	76.6-133				
Chloromethane	45		"	50.0		91.0	48.8-115				
cis-1,2-Dichloroethylene	49		"	50.0		97.6	75.1-128				
cis-1,3-Dichloropropylene	40		"	50.0		80.7	74.5-128				
Dibromochloromethane	40		"	50.0		80.8	79.8-134				
Dibromomethane	45		"	50.0		89.2	79-130				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BE10118 - EPA 5030B

LCS (BE10118-BS1)						Prepared & Analyzed: 05/04/2011					
Dichlorodifluoromethane	28		ug/L	50.0		56.7	47.1-101				
Ethyl Benzene	45		"	50.0		90.5	80.8-128				
Hexachlorobutadiene	37		"	50.0		73.3	64.8-128				
Isopropylbenzene	46		"	50.0		92.7	75.5-135				
Methyl tert-butyl ether (MTBE)	40		"	50.0		79.9	65.1-140				
Methylene chloride	51		"	50.0		101	61.3-120				
Naphthalene	31		"	50.0		63.0	62.3-148				
n-Butylbenzene	39		"	50.0		78.6	67.2-123				
n-Propylbenzene	43		"	50.0		85.5	70.5-127				
o-Xylene	42		"	50.0		84.3	75.9-122				
p- & m- Xylenes	86		"	100		85.5	77.7-127				
p-Isopropyltoluene	44		"	50.0		87.6	75.6-129				
sec-Butylbenzene	43		"	50.0		86.6	71.5-125				
Styrene	45		"	50.0		89.9	77.8-123				
tert-Butylbenzene	49		"	50.0		98.5	75.9-151				
Tetrachloroethylene	51		"	50.0		101	63.6-167				
Toluene	47		"	50.0		94.0	77-123				
trans-1,2-Dichloroethylene	44		"	50.0		88.7	76.3-139				
trans-1,3-Dichloropropylene	37		"	50.0		74.8	72.5-137				
Trichloroethylene	44		"	50.0		88.8	77.9-130				
Trichlorofluoromethane	34		"	50.0		68.9	57.4-133				
Vinyl Chloride	43		"	50.0		85.6	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	38.9		"	50.0		77.9	75.7-121				
Surrogate: p-Bromofluorobenzene	46.7		"	50.0		93.5	71.3-131				
Surrogate: Toluene-d8	51.1		"	50.0		102	86.7-112				

LCS Dup (BE10118-BSD1)						Prepared & Analyzed: 05/04/2011					
1,1,1,2-Tetrachloroethane	43		ug/L	50.0		85.3	82.3-130		3.44	21.1	
1,1,1-Trichloroethane	37		"	50.0		73.3	75.6-137	Low Bias	0.653	19.7	
1,1,2,2-Tetrachloroethane	48		"	50.0		96.3	71.3-131		8.78	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	46		"	50.0		91.4	71.1-129		1.25	21.7	
1,1,2-Trichloroethane	46		"	50.0		92.3	74.5-129		1.07	20.3	
1,1-Dichloroethane	44		"	50.0		87.1	79.6-132		0.506	20.6	
1,1-Dichloroethylene	42		"	50.0		83.8	80.2-146		1.19	20	
1,1-Dichloropropylene	45		"	50.0		90.1	75-136		0.708	19.3	
1,2,3-Trichlorobenzene	38		"	50.0		75.9	66.1-136		9.41	21.6	
1,2,3-Trichloropropane	40		"	50.0		80.8	63-131		7.93	23.9	
1,2,4-Trichlorobenzene	41		"	50.0		81.0	70.6-136		10.2	21.7	
1,2,4-Trimethylbenzene	47		"	50.0		93.6	75.3-135		6.33	18.8	
1,2-Dibromo-3-chloropropane	30		"	50.0		59.0	58.9-140		12.1	27.7	
1,2-Dibromoethane	47		"	50.0		93.3	79-130		2.23	23	
1,2-Dichlorobenzene	46		"	50.0		91.2	76.1-122		7.49	19.8	
1,2-Dichloroethane	34		"	50.0		68.7	74.6-132	Low Bias	1.01	20.2	
1,2-Dichloropropane	49		"	50.0		98.8	76.9-129		3.12	20.7	
1,3,5-Trimethylbenzene	44		"	50.0		87.6	70.6-127		6.33	18.9	
1,3-Dichlorobenzene	45		"	50.0		90.5	77-124		7.52	19.2	
1,3-Dichloropropane	45		"	50.0		89.9	75.8-126		3.92	22.1	
1,4-Dichlorobenzene	46		"	50.0		92.6	76.6-125		8.68	18.6	
2,2-Dichloropropane	35		"	50.0		69.6	69-133		0.201	19.8	
2-Chlorotoluene	40		"	50.0		79.7	66.3-119		6.26	21.6	
4-Chlorotoluene	43		"	50.0		85.4	69.2-127		8.01	19	
Benzene	50		"	50.0		99.2	76.2-129		0.703	19	
Bromobenzene	43		"	50.0		86.8	71.3-123		7.09	20.3	

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE10118 - EPA 5030B											
LCS Dup (BE10118-BSD1)						Prepared & Analyzed: 05/04/2011					
Bromochloromethane	47		ug/L	50.0		93.6	70.8-137		0.859	23.9	
Bromodichloromethane	39		"	50.0		79.0	79.7-134	Low Bias	3.56	21	
Bromoform	42		"	50.0		83.1	70.5-141		8.22	21.8	
Bromomethane	51		"	50.0		102	43.9-147		2.32	28.4	
Carbon tetrachloride	36		"	50.0		72.4	78.1-138	Low Bias	2.32	20.1	
Chlorobenzene	47		"	50.0		94.9	80.4-125		1.81	19.9	
Chloroethane	45		"	50.0		90.5	55.8-140		3.26	23.3	
Chloroform	39		"	50.0		79.0	76.6-133		1.02	20.3	
Chloromethane	47		"	50.0		94.0	48.8-115		3.31	24.5	
cis-1,2-Dichloroethylene	50		"	50.0		99.0	75.1-128		1.44	20.5	
cis-1,3-Dichloropropylene	42		"	50.0		83.2	74.5-128		3.10	19.9	
Dibromochloromethane	40		"	50.0		80.8	79.8-134		0.0248	21.3	
Dibromomethane	45		"	50.0		90.9	79-130		1.89	22.4	
Dichlorodifluoromethane	29		"	50.0		57.1	47.1-101		0.844	23.9	
Ethyl Benzene	46		"	50.0		92.9	80.8-128		2.60	19.2	
Hexachlorobutadiene	39		"	50.0		78.9	64.8-128		7.35	20.6	
Isopropylbenzene	50		"	50.0		99.1	75.5-135		6.61	20	
Methyl tert-butyl ether (MTBE)	41		"	50.0		81.9	65.1-140		2.40	23.6	
Methylene chloride	50		"	50.0		99.3	61.3-120		2.11	20.4	
Naphthalene	38		"	50.0		75.2	62.3-148		17.8	27.1	
n-Butylbenzene	42		"	50.0		83.8	67.2-123		6.38	19.1	
n-Propylbenzene	45		"	50.0		90.6	70.5-127		5.79	23.4	
o-Xylene	43		"	50.0		86.9	75.9-122		3.04	19.3	
p- & m- Xylenes	89		"	100		88.6	77.7-127		3.48	18.6	
p-Isopropyltoluene	46		"	50.0		93.0	75.6-129		6.00	19.1	
sec-Butylbenzene	46		"	50.0		92.8	71.5-125		6.91	18.9	
Styrene	47		"	50.0		93.8	77.8-123		4.33	20.9	
tert-Butylbenzene	52		"	50.0		105	75.9-151		6.18	20.9	
Tetrachloroethylene	53		"	50.0		106	63.6-167		4.70	27.7	
Toluene	48		"	50.0		96.6	77-123		2.77	18.7	
trans-1,2-Dichloroethylene	44		"	50.0		87.9	76.3-139		0.929	19.5	
trans-1,3-Dichloropropylene	38		"	50.0		75.6	72.5-137		1.04	19.3	
Trichloroethylene	45		"	50.0		90.5	77.9-130		1.83	20.5	
Trichlorofluoromethane	34		"	50.0		68.4	57.4-133		0.700	21.4	
Vinyl Chloride	43		"	50.0		86.4	54.9-124		0.907	22.3	
Surrogate: 1,2-Dichloroethane-d4	38.5		"	50.0		77.0	75.7-121				
Surrogate: p-Bromofluorobenzene	47.7		"	50.0		95.5	71.3-131				
Surrogate: Toluene-d8	50.2		"	50.0		100	86.7-112				

Metals by EPA 6000 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BD10894 - EPA SW 846-3010A

Blank (BD10894-BLK1)

Prepared & Analyzed: 04/25/2011

Antimony	ND	5.00	ug/L
Arsenic	ND	10.0	"
Beryllium	ND	1.00	"
Cadmium	ND	3.00	"
Chromium	ND	5.00	"
Copper	ND	5.00	"
Lead	ND	3.00	"
Nickel	ND	5.00	"
Selenium	ND	10.0	"
Silver	ND	5.00	"
Thallium	ND	10.0	"
Zinc	ND	20.0	"

Duplicate (BD10894-DUP1)

*Source(Sample used for MS/MSD): 11D0646-03

Prepared & Analyzed: 04/25/2011

Antimony	ND	5.00	ug/L	1.91		20
Arsenic	8.00	10.0	"	9.79	14.8	20
Beryllium	ND	1.00	"	ND		20
Cadmium	ND	3.00	"	ND		20
Chromium	5.00	5.00	"	4.54	0.203	20
Copper	2.00	5.00	"	1.90	3.30	20
Lead	2.00	3.00	"	1.53	13.2	20
Nickel	9.00	5.00	"	9.20	1.30	20
Selenium	2.00	10.0	"	2.73		20
Silver	ND	5.00	"	ND		20
Thallium	ND	10.0	"	ND		20
Zinc	35.0	20.0	"	34.7	0.444	20

Matrix Spike (BD10894-MS1)

*Source(Sample used for MS/MSD): 11D0646-03

Prepared & Analyzed: 04/25/2011

Antimony	309	5.00	ug/L	250	1.91	123	75-125
Arsenic	2340	10.0	"	2000	9.79	117	75-125
Beryllium	51.0	1.00	"	50.0	ND	102	75-125
Cadmium	53.0	3.00	"	50.0	ND	106	75-125
Chromium	206	5.00	"	200	4.54	101	75-125
Copper	277	5.00	"	250	1.90	110	75-125
Lead	508	3.00	"	500	1.53	101	75-125
Nickel	556	5.00	"	500	9.20	109	75-125
Selenium	2320	10.0	"	2000	2.73	116	75-125
Silver	49.0	5.00	"	50.0	ND	97.0	75-125
Thallium	1960	10.0	"	2000	ND	98.2	75-125
Zinc	550	20.0	"	500	34.7	103	75-125

Metals by EPA 6000 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BD10894 - EPA SW 846-3010A

Reference (BD10894-SRM1)

Prepared & Analyzed: 04/25/2011

Antimony	582	5.00	ug/L	470		124	69.8-121	High Bias
Arsenic	539	10.0	"	547		98.6	83.9-117	
Beryllium	336	1.00	"	350		96.0	84.9-113	
Cadmium	241	3.00	"	239		101	84.9-114	
Chromium	604	5.00	"	626		96.5	87.1-113	
Copper	183	5.00	"	184		99.7	89.1-111	
Lead	484	3.00	"	466		104	86.9-113	
Nickel	635	5.00	"	611		104	90-112	
Selenium	906	10.0	"	928		97.7	79.4-115	
Silver	244	5.00	"	260		94.0	85.8-115	
Thallium	691	10.0	"	670		103	81.8-119	
Zinc	497	20.0	"	498		99.8	85.7-115	

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD10917 - EPA SW846-7470											
Blank (BD10917-BLK1)						Prepared & Analyzed: 04/26/2011					
Mercury	ND	0.2000	ug/L								
LCS (BD10917-BS1)						Prepared & Analyzed: 04/26/2011					
Mercury	2.914	0.2000	ug/L	3.00		97.1	80-120				

Notes and Definitions

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.
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.

Corrective Action:

100

North County Office:
100 Glen Street
Glens Falls, New York 12801
Phone: 518-812-0513
Fax: 518-812-2205

Laboratory: YORK

P.O. # 912439

Level: Normal

CT RCP Required?: Y/N()

9

PACKED ON ICE

[illegible]

Time: _____
Company: CHAZEN

Time: 12:15 Company: Chazen

Time: 12:15
Company: York

Time: 1505 @ 4.3 Company: 4

PLEASE NOTE: Pink Sheet - Chazen Copy

Date 1-1-2017
Yellow Sheet - Laboratory File Copy

White Top Sheet - Report Copy (Please return along with completed Lab Results)

July 21, 2011

Ms. Emily Pereira
Environmental Scientist/ Project Manager
The Chazen Companies
21 Fox Street
Poughkeepsie, New York 12601

RE: Data Usability Summary Report (DUSR)
Northeast Retail Project
Laboratory: York Analytical Laboratories, Inc., Stratford, CT
Lab Project No. 11D0646
Water Samples
Analyses for Volatile Organics and Inorganics (Metals)

Dear Ms. Pereira:

Data Usability Summary Report (DUSR) technical services were performed by ChemWorld Environmental, Inc. for the Northeast Retail Project for the water sampling event of April 20, 2011. The DUSR review was performed in accordance with United States Environmental Protection Agency (USEPA) Region II data validation guidelines and New York State Department of Environmental Conservation (NYSDEC) Analytical Service Protocols (ASP) requirements, where applicable.

The analytical data from Lab Project No. 11D0646 was reviewed (screened) for the parameters noted. The data screening consisted of a review of the Quality Control (QC) Summary Forms and a brief review of various chromatograms and quantitation reports. The QC Forms were reviewed to determine whether any data required qualification based upon QC deviations noted on the Forms. The associated Analytical Data Result Forms are included as Attachment A. These Forms include data qualifiers as described within this letter report. Unless otherwise noted, all results included on the Forms are considered usable, based upon the DUSR review items noted below. Attachment B includes copies of the associated Case Narratives and the Chain-of-Custody forms.

The DUSR review items include the following, as method appropriate:

- Completeness of Data Package
- Chain-of-Custody Review
- Holding Times from Verified Time of Sample Receipt (VTSR)
- Surrogate Recovery
- GC/MS Instrument Performance Check
- Initial and Continuing Calibration
- Matrix Spike / Matrix Spike Duplicates (MS/MSD)
- Matrix Spike Blanks (MSB)
- Internal Standards
- Method and Field Blanks
- Contract Required Detection Limit (CRDL) Standards for ICP
- Laboratory Duplicate Samples
- Laboratory Control Samples (LCS)
- ICP Interference Check
- ICP Serial Dilution

The QC Summary Forms included various deviations based upon the acceptable limits for quality control. The following should be noted regarding qualification of the data set for the review items above.

Volatiles – Water, Lab Project No. 11D0646

Continuing Calibration: The continuing calibration analyzed on 4/29/2011 at 09:59 generated Percent Difference (%D) of greater than the 25% limit for Dichlorodifluoromethane and 1,2-Dibromo-3-chloropropane. The %D's were generated at 31.1% and 41.2%, respectively. The associated samples were qualified as 'UJ', estimated, for the non-detectable results for the Volatile compounds affected.

Method Blanks: Two water method blanks were analyzed for the associated samples. Methylene Chloride was detected at 5.5 ug/L and 4.6 ug/L in the blanks. A limit of ten times the highest Methylene Chloride result was used for review and qualification of the associated water samples. Sample results found to be below the respective method blank limit and reported below the Contract Require Quantitation Limit (CRQL) were qualified as 'U', not detected, at the CRQL.

Inorganics – Water, Lab Project No. 11D0646

ICP Serial Dilution: One sample (NR-MW-4) was used for ICP Serial Dilution. Zinc generated a Percent Difference (%D) of greater than the 10% limit for Serial Dilution at 13.3%. The associated sample results for Zinc were qualified as 'J', estimated, where the sample result exceeds 50 times the Instrument Detection Limit (IDL).

Please contact me by telephone or Fax at 301-294-6144, or email should you require additional information or clarification regarding this Letter Report.

Sincerely,



Andrea P. Schuessler, CHMM

c: CZ-2011.1

ORGANIC DATA QUALIFIERS

- U -** Indicates that the compound was analyzed for, but not detected at or above the Contract Required Quantitation Limit (CRQL), or the compound is not detected due to qualification through the method or field blank.
- J -** The associated numerical value is an estimated quantity.
- JN -** Tentatively identified with approximated concentrations (Volatile and Semi-Volatile Organics). Presumptively present at an approximated quantity (Pesticides/PCBs).
- UJ -** The compound was analyzed for, but not detected. The sample quantitation limit is an estimated quantity due to variance from quality control limits.
- C -** Applies to Pesticide results where the identification has been confirmed by GC/MS.
- E -** Reported value is estimated due to quantitation above the calibration range.
- D -** Reported result taken from diluted sample analysis.
- A -** Aldol condensation product.
- R -** Reported value is unusable and rejected due to variance from quality control limits.
- NA -** Not Analyzed.

INORGANIC DATA QUALIFIERS

- U** - Indicates analyte not detected at or above the Contract Required Detection Limit (CRDL), or the compound is not detected due to qualification through the method or field blank.
- B** - Indicates analyte result is between Instrument Detection Limit (IDL) and CRDL.
- J** - The reported value is estimated due to variance from quality control limits.
- UJ** - The element was analyzed for, but not detected. The sample quantitation limit is an estimate due to variance from quality control limits.
- E** - Reported value is estimated because of the presence of interference.
- R** - Reported value is unusable and rejected due to variance from quality control limits.
- NA** - Not analyzed.

ATTACHMENT A

ORGANIC ANALYSIS DATA SHEET

EPA SW846-8260B

NR-MW-1

Laboratory: York Analytical Laboratories, Inc. SDG: 11D0646
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.00
 Matrix: Water Laboratory ID: 11D0646-01 File ID: V171766W.D
 Sampled: 04/20/11 17:25 Prepared: 04/29/11 17:17 Analyzed: 04/29/11 17:17
 Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL
 Batch: BE10118 Sequence: Calibration: Instrument: VOA No. 1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U
71-55-6	1,1,1-Trichloroethane	1	1.2	J
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
75-34-3	1,1-Dichloroethane	1	3.8	J
75-35-4	1,1-Dichloroethylene	1	3.1	J
563-58-6	1,1-Dichloropropylene	1	5.0	U
87-61-6	1,2,3-Trichlorobenzene	1	10	U
96-18-4	1,2,3-Trichloropropane	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	10	U
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U J
106-93-4	1,2-Dibromoethane	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
142-28-9	1,3-Dichloropropane	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
594-20-7	2,2-Dichloropropane	1	5.0	U
95-49-8	2-Chlorotoluene	1	5.0	U
106-43-4	4-Chlorotoluene	1	5.0	U
71-43-2	Benzene	1	5.0	U
108-86-1	Bromobenzene	1	5.0	U
74-97-5	Bromochloromethane	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
75-25-2	Bromoform	1	5.0	U
74-83-9	Bromomethane	1	5.0	U
56-23-5	Carbon tetrachloride	1	5.0	U
108-90-7	Chlorobenzene	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
67-66-3	Chloroform	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethylene	20	1000	D
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U
124-48-1	Dibromochloromethane	1	5.0	U
74-95-3	Dibromomethane	1	5.0	U
75-71-8	Dichlorodifluoromethane	1	5.0	U J

ORGANIC ANALYSIS DATA SHEET

EPA SW846-8260B

NR-MW-1

Laboratory: York Analytical Laboratories, Inc. SDG: 11D0646
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.00
 Matrix: Water Laboratory ID: 11D0646-01 File ID: V171766W.D
 Sampled: 04/20/11 17:25 Prepared: 04/29/11 17:17 Analyzed: 04/29/11 17:17
 Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL
 Batch: BE10118 Sequence: Calibration: Instrument: VOA No. 1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
100-41-4	Ethyl Benzene	1	5.0	U
87-68-3	Hexachlorobutadiene	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U
75-09-2	Methylene chloride	1	~~3.4~~ 5.0	U JB
91-20-3	Naphthalene	1	10	U
104-51-8	n-Butylbenzene	1	5.0	U
103-65-1	n-Propylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
1330-20-7P/M	p- & m- Xylenes	1	10	U
99-87-6	p-Isopropyltoluene	1	5.0	U
135-98-8	sec-Butylbenzene	1	5.0	U
100-42-5	Styrene	1	5.0	U
98-06-6	tert-Butylbenzene	1	5.0	U
127-18-4	Tetrachloroethylene	1	5.0	U
108-88-3	Toluene	1	5.0	U
156-60-5	trans-1,2-Dichloroethylene	1	26	
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U
79-01-6	Trichloroethylene	20	800	D
75-69-4	Trichlorofluoromethane	1	5.0	U
75-01-4	Vinyl Chloride	1	130	
1330-20-7	Xylenes, Total	1	15	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	40.2	80.5	75.7 - 121	
p-Bromofluorobenzene	50.0	50.8	102	71.3 - 131	
Toluene-d8	50.0	50.8	102	86.7 - 112	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET

EPA SW846-8260B

NR-MW-2

Laboratory: York Analytical Laboratories, Inc. SDG: 11D0646
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.00
 Matrix: Water Laboratory ID: 11D0646-02 File ID: V171768W.D
 Sampled: 04/20/11 17:10 Prepared: 04/29/11 18:02 Analyzed: 04/29/11 18:02
 Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL
 Batch: BD11068 Sequence: Calibration: Instrument: VOA No. 1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U
71-55-6	1,1,1-Trichloroethane	1	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
75-34-3	1,1-Dichloroethane	1	1.1	J
75-35-4	1,1-Dichloroethylene	1	5.0	U
563-58-6	1,1-Dichloropropylene	1	5.0	U
87-61-6	1,2,3-Trichlorobenzene	1	10	U
96-18-4	1,2,3-Trichloropropane	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	10	U
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U J
106-93-4	1,2-Dibromoethane	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
142-28-9	1,3-Dichloropropane	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
594-20-7	2,2-Dichloropropane	1	5.0	U
95-49-8	2-Chlorotoluene	1	5.0	U
106-43-4	4-Chlorotoluene	1	5.0	U
71-43-2	Benzene	1	5.0	U
108-86-1	Bromobenzene	1	5.0	U
74-97-5	Bromochloromethane	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
75-25-2	Bromoform	1	5.0	U
74-83-9	Bromomethane	1	5.0	U
56-23-5	Carbon tetrachloride	1	5.0	U
108-90-7	Chlorobenzene	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
67-66-3	Chloroform	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethylene	1	17	
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U
124-48-1	Dibromochloromethane	1	5.0	U
74-95-3	Dibromomethane	1	5.0	U
75-71-8	Dichlorodifluoromethane	1	5.0	U J

ORGANIC ANALYSIS DATA SHEET

EPA SW846-8260B

NR-MW-2

Laboratory: York Analytical Laboratories, Inc. SDG: 11D0646
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.00
 Matrix: Water Laboratory ID: 11D0646-02 File ID: V171768W.D
 Sampled: 04/20/11 17:10 Prepared: 04/29/11 18:02 Analyzed: 04/29/11 18:02
 Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL
 Batch: BD11068 Sequence: Calibration: Instrument: VOA No. 1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
100-41-4	Ethyl Benzene	1	5.0	U
87-68-3	Hexachlorobutadiene	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U
75-09-2	Methylene chloride	1	~~3.6~~ 5.0	U JB
91-20-3	Naphthalene	1	10	U
104-51-8	n-Butylbenzene	1	5.0	U
103-65-1	n-Propylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
1330-20-7P/M	p- & m- Xylenes	1	10	U
99-87-6	p-Isopropyltoluene	1	5.0	U
135-98-8	sec-Butylbenzene	1	5.0	U
100-42-5	Styrene	1	5.0	U
98-06-6	tert-Butylbenzene	1	5.0	U
127-18-4	Tetrachloroethylene	1	5.0	U
108-88-3	Toluene	1	5.0	U
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U
79-01-6	Trichloroethylene	1	3.6	J
75-69-4	Trichlorofluoromethane	1	5.0	U
75-01-4	Vinyl Chloride	1	7.1	
1330-20-7	Xylenes, Total	1	15	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	40.0	80.0	75.7 - 121	
p-Bromofluorobenzene	50.0	50.4	101	71.3 - 131	
Toluene-d8	50.0	50.9	102	86.7 - 112	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET

EPA SW846-8260B

NR-MW-3

Laboratory: York Analytical Laboratories, Inc. SDG: 11D0646
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.00
 Matrix: Water Laboratory ID: 11D0646-03 File ID: V171770W.D
 Sampled: 04/20/11 16:55 Prepared: 04/29/11 18:46 Analyzed: 04/29/11 18:46
 Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL
 Batch: BD11068 Sequence: Calibration: Instrument: VOA No. 1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U
71-55-6	1,1,1-Trichloroethane	1	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
75-34-3	1,1-Dichloroethane	1	5.0	U
75-35-4	1,1-Dichloroethylene	1	5.0	U
563-58-6	1,1-Dichloropropylene	1	5.0	U
87-61-6	1,2,3-Trichlorobenzene	1	10	U
96-18-4	1,2,3-Trichloropropane	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	10	U
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U J
106-93-4	1,2-Dibromoethane	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
142-28-9	1,3-Dichloropropane	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
594-20-7	2,2-Dichloropropane	1	5.0	U
95-49-8	2-Chlorotoluene	1	5.0	U
106-43-4	4-Chlorotoluene	1	5.0	U
71-43-2	Benzene	1	5.0	U
108-86-1	Bromobenzene	1	5.0	U
74-97-5	Bromochloromethane	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
75-25-2	Bromoform	1	5.0	U
74-83-9	Bromomethane	1	5.0	U
56-23-5	Carbon tetrachloride	1	5.0	U
108-90-7	Chlorobenzene	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
67-66-3	Chloroform	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethylene	1	5.0	U
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U
124-48-1	Dibromochloromethane	1	5.0	U
74-95-3	Dibromomethane	1	5.0	U
75-71-8	Dichlorodifluoromethane	1	5.0	U J

ORGANIC ANALYSIS DATA SHEET

EPA SW846-8260B

NR-MW-3

Laboratory: York Analytical Laboratories, Inc. SDG: 11D0646
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.00
 Matrix: Water Laboratory ID: 11D0646-03 File ID: V171770W.D
 Sampled: 04/20/11 16:55 Prepared: 04/29/11 18:46 Analyzed: 04/29/11 18:46
 Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL
 Batch: BD11068 Sequence: Calibration: Instrument: VOA No. 1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
100-41-4	Ethyl Benzene	1	5.0	U
87-68-3	Hexachlorobutadiene	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U
75-09-2	Methylene chloride	1	4.8 5.0	U JB
91-20-3	Naphthalene	1	10	U
104-51-8	n-Butylbenzene	1	5.0	U
103-65-1	n-Propylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
1330-20-7P/M	p- & m- Xylenes	1	10	U
99-87-6	p-Isopropyltoluene	1	5.0	U
135-98-8	sec-Butylbenzene	1	5.0	U
100-42-5	Styrene	1	5.0	U
98-06-6	tert-Butylbenzene	1	5.0	U
127-18-4	Tetrachloroethylene	1	5.0	U
108-88-3	Toluene	1	5.0	U
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U
79-01-6	Trichloroethylene	1	5.0	U
75-69-4	Trichlorofluoromethane	1	5.0	U
75-01-4	Vinyl Chloride	1	5.0	U
1330-20-7	Xylenes, Total	1	15	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	41.1	82.3	75.7 - 121	
p-Bromofluorobenzene	50.0	48.6	97.1	71.3 - 131	
Toluene-d8	50.0	51.4	103	86.7 - 112	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET

EPA SW846-8260B

NR-MW-4

Laboratory: York Analytical Laboratories, Inc. SDG: 11D0646
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.00
 Matrix: Water Laboratory ID: 11D0646-04 File ID: V171772W.D
 Sampled: 04/20/11 11:30 Prepared: 04/29/11 19:31 Analyzed: 04/29/11 19:31
 Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL
 Batch: BD11068 Sequence: Calibration: Instrument: VOA No. 1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U
71-55-6	1,1,1-Trichloroethane	1	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
75-34-3	1,1-Dichloroethane	1	5.0	U
75-35-4	1,1-Dichloroethylene	1	5.0	U
563-58-6	1,1-Dichloropropylene	1	5.0	U
87-61-6	1,2,3-Trichlorobenzene	1	10	U
96-18-4	1,2,3-Trichloropropane	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	10	U
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U J
106-93-4	1,2-Dibromoethane	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
142-28-9	1,3-Dichloropropane	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
594-20-7	2,2-Dichloropropane	1	5.0	U
95-49-8	2-Chlorotoluene	1	5.0	U
106-43-4	4-Chlorotoluene	1	5.0	U
71-43-2	Benzene	1	5.0	U
108-86-1	Bromobenzene	1	5.0	U
74-97-5	Bromochloromethane	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
75-25-2	Bromoform	1	5.0	U
74-83-9	Bromomethane	1	5.0	U
56-23-5	Carbon tetrachloride	1	5.0	U
108-90-7	Chlorobenzene	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
67-66-3	Chloroform	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethylene	1	5.0	U
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U
124-48-1	Dibromochloromethane	1	5.0	U
74-95-3	Dibromomethane	1	5.0	U
75-71-8	Dichlorodifluoromethane	1	5.0	U J

ORGANIC ANALYSIS DATA SHEET

EPA SW846-8260B

NR-MW-4

Laboratory: York Analytical Laboratories, Inc. SDG: 11D0646
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.00
 Matrix: Water Laboratory ID: 11D0646-04 File ID: V171772W.D
 Sampled: 04/20/11 11:30 Prepared: 04/29/11 19:31 Analyzed: 04/29/11 19:31
 Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL
 Batch: BD11068 Sequence: Calibration: Instrument: VOA No. 1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
100-41-4	Ethyl Benzene	1	5.0	U
87-68-3	Hexachlorobutadiene	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U
75-09-2	Methylene chloride	1	~~4.3~~ 5.0	U JB
91-20-3	Naphthalene	1	10	U
104-51-8	n-Butylbenzene	1	5.0	U
103-65-1	n-Propylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
1330-20-7P/M	p- & m- Xylenes	1	10	U
99-87-6	p-Isopropyltoluene	1	5.0	U
135-98-8	sec-Butylbenzene	1	5.0	U
100-42-5	Styrene	1	5.0	U
98-06-6	tert-Butylbenzene	1	5.0	U
127-18-4	Tetrachloroethylene	1	5.0	U
108-88-3	Toluene	1	5.0	U
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U
79-01-6	Trichloroethylene	1	5.0	U
75-69-4	Trichlorofluoromethane	1	5.0	U
75-01-4	Vinyl Chloride	1	5.0	U
1330-20-7	Xylenes, Total	1	15	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	40.4	80.7	75.7 - 121	
p-Bromofluorobenzene	50.0	49.5	99.0	71.3 - 131	
Toluene-d8	50.0	50.4	101	86.7 - 112	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET

EPA SW846-8260B

NR-MW-5

Laboratory: York Analytical Laboratories, Inc. SDG: 11D0646
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.00
 Matrix: Water Laboratory ID: 11D0646-05 File ID: V171774W.D
 Sampled: 04/20/11 15:50 Prepared: 04/29/11 20:18 Analyzed: 04/29/11 20:18
 Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL
 Batch: BD11068 Sequence: Calibration: Instrument: VOA No. 1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U
71-55-6	1,1,1-Trichloroethane	1	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
75-34-3	1,1-Dichloroethane	1	5.0	U
75-35-4	1,1-Dichloroethylene	1	5.0	U
563-58-6	1,1-Dichloropropylene	1	5.0	U
87-61-6	1,2,3-Trichlorobenzene	1	10	U
96-18-4	1,2,3-Trichloropropane	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	10	U
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U J
106-93-4	1,2-Dibromoethane	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
142-28-9	1,3-Dichloropropane	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
594-20-7	2,2-Dichloropropane	1	5.0	U
95-49-8	2-Chlorotoluene	1	5.0	U
106-43-4	4-Chlorotoluene	1	5.0	U
71-43-2	Benzene	1	5.0	U
108-86-1	Bromobenzene	1	5.0	U
74-97-5	Bromochloromethane	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
75-25-2	Bromoform	1	5.0	U
74-83-9	Bromomethane	1	5.0	U
56-23-5	Carbon tetrachloride	1	5.0	U
108-90-7	Chlorobenzene	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
67-66-3	Chloroform	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethylene	1	5.0	U
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U
124-48-1	Dibromochloromethane	1	5.0	U
74-95-3	Dibromomethane	1	5.0	U
75-71-8	Dichlorodifluoromethane	1	5.0	U J

ORGANIC ANALYSIS DATA SHEET

EPA SW846-8260B

NR-MW-5

Laboratory: York Analytical Laboratories, Inc. SDG: 11D0646
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.00
 Matrix: Water Laboratory ID: 11D0646-05 File ID: V171774W.D
 Sampled: 04/20/11 15:50 Prepared: 04/29/11 20:18 Analyzed: 04/29/11 20:18
 Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL
 Batch: BD11068 Sequence: Calibration: Instrument: VOA No. 1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
100-41-4	Ethyl Benzene	1	5.0	U
87-68-3	Hexachlorobutadiene	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U
75-09-2	Methylene chloride	1	3.9 5.0	U JB
91-20-3	Naphthalene	1	10	U
104-51-8	n-Butylbenzene	1	5.0	U
103-65-1	n-Propylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
1330-20-7P/M	p- & m- Xylenes	1	10	U
99-87-6	p-Isopropyltoluene	1	5.0	U
135-98-8	sec-Butylbenzene	1	5.0	U
100-42-5	Styrene	1	5.0	U
98-06-6	tert-Butylbenzene	1	5.0	U
127-18-4	Tetrachloroethylene	1	5.0	U
108-88-3	Toluene	1	5.0	U
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U
79-01-6	Trichloroethylene	1	5.0	U
75-69-4	Trichlorofluoromethane	1	5.0	U
75-01-4	Vinyl Chloride	1	5.0	U
1330-20-7	Xylenes, Total	1	15	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	40.7	81.5	75.7 - 121	
p-Bromofluorobenzene	50.0	51.5	103	71.3 - 131	
Toluene-d8	50.0	49.9	99.8	86.7 - 112	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET

EPA SW846-8260B

NR-MW-DUP

Laboratory: York Analytical Laboratories, Inc. SDG: 11D0646
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.00
 Matrix: Water Laboratory ID: 11D0646-06 File ID: V171776W.D
 Sampled: 04/20/11 15:00 Prepared: 04/29/11 21:03 Analyzed: 04/29/11 21:03
 Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL
 Batch: BE10118 Sequence: Calibration: Instrument: VOA No. 1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U
71-55-6	1,1,1-Trichloroethane	1	1.2	J
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
75-34-3	1,1-Dichloroethane	1	3.7	J
75-35-4	1,1-Dichloroethylene	1	3.5	J
563-58-6	1,1-Dichloropropylene	1	5.0	U
87-61-6	1,2,3-Trichlorobenzene	1	10	U
96-18-4	1,2,3-Trichloropropane	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	10	U
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U J
106-93-4	1,2-Dibromoethane	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
142-28-9	1,3-Dichloropropane	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
594-20-7	2,2-Dichloropropane	1	5.0	U
95-49-8	2-Chlorotoluene	1	5.0	U
106-43-4	4-Chlorotoluene	1	5.0	U
71-43-2	Benzene	1	5.0	U
108-86-1	Bromobenzene	1	5.0	U
74-97-5	Bromochloromethane	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
75-25-2	Bromoform	1	5.0	U
74-83-9	Bromomethane	1	5.0	U
56-23-5	Carbon tetrachloride	1	5.0	U
108-90-7	Chlorobenzene	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
67-66-3	Chloroform	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethylene	20	600	D
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U
124-48-1	Dibromochloromethane	1	5.0	U
74-95-3	Dibromomethane	1	5.0	U
75-71-8	Dichlorodifluoromethane	1	5.0	U J

ORGANIC ANALYSIS DATA SHEET

EPA SW846-8260B

NR-MW-DUP

Laboratory: York Analytical Laboratories, Inc. SDG: 11D0646
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.00
 Matrix: Water Laboratory ID: 11D0646-06 File ID: V171776W.D
 Sampled: 04/20/11 15:00 Prepared: 04/29/11 21:03 Analyzed: 04/29/11 21:03
 Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL
 Batch: BE10118 Sequence: Calibration: Instrument: VOA No. 1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
100-41-4	Ethyl Benzene	1	5.0	U
87-68-3	Hexachlorobutadiene	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U
75-09-2	Methylene chloride	1	~~4.0~~ 5.0	U ~~JB~~
91-20-3	Naphthalene	1	10	U
104-51-8	n-Butylbenzene	1	5.0	U
103-65-1	n-Propylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
1330-20-7P/M	p- & m- Xylenes	1	10	U
99-87-6	p-Isopropyltoluene	1	5.0	U
135-98-8	sec-Butylbenzene	1	5.0	U
100-42-5	Styrene	1	5.0	U
98-06-6	tert-Butylbenzene	1	5.0	U
127-18-4	Tetrachloroethylene	1	5.0	U
108-88-3	Toluene	1	5.0	U
156-60-5	trans-1,2-Dichloroethylene	1	29	
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U
79-01-6	Trichloroethylene	20	500	D
75-69-4	Trichlorofluoromethane	1	5.0	U
75-01-4	Vinyl Chloride	1	150	
1330-20-7	Xylenes, Total	1	15	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	40.4	80.8	75.7 - 121	
p-Bromofluorobenzene	50.0	50.2	100	71.3 - 131	
Toluene-d8	50.0	51.0	102	86.7 - 112	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET

EPA SW846-8260B

TRIP BLANK

Laboratory: York Analytical Laboratories, Inc. SDG: 11D0646
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.00
 Matrix: Water Laboratory ID: 11D0646-07 File ID: V171778W.D
 Sampled: 04/19/11 17:00 Prepared: 04/29/11 21:48 Analyzed: 04/29/11 21:48
 Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL
 Batch: BD11068 Sequence: Calibration: Instrument: VOA No. 1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U
71-55-6	1,1,1-Trichloroethane	1	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
75-34-3	1,1-Dichloroethane	1	5.0	U
75-35-4	1,1-Dichloroethylene	1	5.0	U
563-58-6	1,1-Dichloropropylene	1	5.0	U
87-61-6	1,2,3-Trichlorobenzene	1	10	U
96-18-4	1,2,3-Trichloropropane	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	10	U
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U J
106-93-4	1,2-Dibromoethane	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
142-28-9	1,3-Dichloropropane	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
594-20-7	2,2-Dichloropropane	1	5.0	U
95-49-8	2-Chlorotoluene	1	5.0	U
106-43-4	4-Chlorotoluene	1	5.0	U
71-43-2	Benzene	1	5.0	U
108-86-1	Bromobenzene	1	5.0	U
74-97-5	Bromochloromethane	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
75-25-2	Bromoform	1	5.0	U
74-83-9	Bromomethane	1	5.0	U
56-23-5	Carbon tetrachloride	1	5.0	U
108-90-7	Chlorobenzene	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
67-66-3	Chloroform	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethylene	1	5.0	U
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U
124-48-1	Dibromochloromethane	1	5.0	U
74-95-3	Dibromomethane	1	5.0	U
75-71-8	Dichlorodifluoromethane	1	5.0	U J

ORGANIC ANALYSIS DATA SHEET

EPA SW846-8260B

TRIP BLANK

Laboratory: York Analytical Laboratories, Inc. SDG: 11D0646
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.00
 Matrix: Water Laboratory ID: 11D0646-07 File ID: V171778W.D
 Sampled: 04/19/11 17:00 Prepared: 04/29/11 21:48 Analyzed: 04/29/11 21:48
 Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL
 Batch: BD11068 Sequence: Calibration: Instrument: VOA No. 1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
100-41-4	Ethyl Benzene	1	5.0	U
87-68-3	Hexachlorobutadiene	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U
75-09-2	Methylene chloride	1	~~5.0~~ 5.0	U ~~JB~~
91-20-3	Naphthalene	1	10	U
104-51-8	n-Butylbenzene	1	5.0	U
103-65-1	n-Propylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
1330-20-7P/M	p- & m- Xylenes	1	10	U
99-87-6	p-Isopropyltoluene	1	5.0	U
135-98-8	sec-Butylbenzene	1	5.0	U
100-42-5	Styrene	1	5.0	U
98-06-6	tert-Butylbenzene	1	5.0	U
127-18-4	Tetrachloroethylene	1	5.0	U
108-88-3	Toluene	1	5.0	U
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U
79-01-6	Trichloroethylene	1	5.0	U
75-69-4	Trichlorofluoromethane	1	5.0	U
75-01-4	Vinyl Chloride	1	5.0	U
1330-20-7	Xylenes, Total	1	15	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	39.5	79.0	75.7 - 121	
p-Bromofluorobenzene	50.0	51.0	102	71.3 - 131	
Toluene-d8	50.0	50.9	102	86.7 - 112	

* Values outside of QC limits

INORGANIC ANALYSIS DATA SHEET

EPA SW846-6010B

NR-MW-1

Laboratory: York Analytical Laboratories, Inc.

SDG: 11D0646

Client: Chazen Environmental Services (Poughkeepsie)

Project: 41103.00

Matrix: Water

Laboratory ID: 11D0646-01

File ID: qbi042511b-010

Sampled: 04/20/11 17:25

Prepared: 04/25/11 15:42

Analyzed: 04/25/11 17:30

Solids: 0.00

Preparation: EPA SW 846-3010A

Initial/Final: 50 mL / 50 mL

Batch: BD10894

Sequence:

Calibration:

Instrument: WinLabICP

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	Q	Method
7440-36-0	Antimony	5	1	U	EPA SW846-6010B
7440-38-2	Arsenic	11	1		EPA SW846-6010B
7440-41-7	Beryllium	1	1	U	EPA SW846-6010B
7440-43-9	Cadmium	63	1		EPA SW846-6010B
7440-47-3	Chromium	11	1		EPA SW846-6010B
7440-50-8	Copper	8	1		EPA SW846-6010B
7439-92-1	Lead	4	1		EPA SW846-6010B
7440-02-0	Nickel	309	1		EPA SW846-6010B
7782-49-2	Selenium	10	1	U	EPA SW846-6010B
7440-22-4	Silver	5	1	U	EPA SW846-6010B
7440-28-0	Thallium	10	1	U	EPA SW846-6010B
7440-66-6	Zinc	158	1	J	EPA SW846-6010B

INORGANIC ANALYSIS DATA SHEET

EPA SW846-6010B

NR-MW-2

Laboratory: York Analytical Laboratories, Inc.

SDG: 11D0646

Client: Chazen Environmental Services (Poughkeepsie)

Project: 41103.00

Matrix: Water

Laboratory ID: 11D0646-02

File ID: qbi042511b-011

Sampled: 04/20/11 17:10

Prepared: 04/25/11 15:42

Analyzed: 04/25/11 17:35

Solids: 0.00

Preparation: EPA SW 846-3010A

Initial/Final: 50 mL / 50 mL

Batch: BD10894

Sequence:

Calibration:

Instrument: WinLabICP

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	Q	Method
7440-36-0	Antimony	5	1	U	EPA SW846-6010B
7440-38-2	Arsenic	10	1	U	EPA SW846-6010B
7440-41-7	Beryllium	1	1	U	EPA SW846-6010B
7440-43-9	Cadmium	3	1	U	EPA SW846-6010B
7440-47-3	Chromium	12	1		EPA SW846-6010B
7440-50-8	Copper	9	1		EPA SW846-6010B
7439-92-1	Lead	10	1		EPA SW846-6010B
7440-02-0	Nickel	41	1		EPA SW846-6010B
7782-49-2	Selenium	10	1		EPA SW846-6010B
7440-22-4	Silver	5	1	U	EPA SW846-6010B
7440-28-0	Thallium	10	1	U	EPA SW846-6010B
7440-66-6	Zinc	44	1		EPA SW846-6010B

INORGANIC ANALYSIS DATA SHEET

EPA SW846-6010B

NR-MW-3

Laboratory: York Analytical Laboratories, Inc.SDG: 11D0646Client: Chazen Environmental Services (Poughkeepsie)Project: 41103.00Matrix: WaterLaboratory ID: 11D0646-03File ID: qbi042511b-012Sampled: 04/20/11 16:55Prepared: 04/25/11 15:42Analyzed: 04/25/11 17:40Solids: 0.00Preparation: EPA SW 846-3010AInitial/Final: 50 mL / 50 mLBatch: BD10894

Sequence:

Calibration:

Instrument: WinLabICP

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	Q	Method
7440-36-0	Antimony	5	1	U	EPA SW846-6010B
7440-38-2	Arsenic	10	1	U	EPA SW846-6010B
7440-41-7	Beryllium	1	1	U	EPA SW846-6010B
7440-43-9	Cadmium	3	1	U	EPA SW846-6010B
7440-47-3	Chromium	5	1	U	EPA SW846-6010B
7440-50-8	Copper	5	1	U	EPA SW846-6010B
7439-92-1	Lead	3	1	U	EPA SW846-6010B
7440-02-0	Nickel	9	1		EPA SW846-6010B
7782-49-2	Selenium	10	1	U	EPA SW846-6010B
7440-22-4	Silver	5	1	U	EPA SW846-6010B
7440-28-0	Thallium	10	1	U	EPA SW846-6010B
7440-66-6	Zinc	35	1		EPA SW846-6010B

INORGANIC ANALYSIS DATA SHEET

EPA SW846-6010B

NR-MW-4

Laboratory: York Analytical Laboratories, Inc.

SDG: 11D0646

Client: Chazen Environmental Services (Poughkeepsie)

Project: 41103.00

Matrix: Water

Laboratory ID: 11D0646-04

File ID: qbi042511b-015

Sampled: 04/20/11 11:30

Prepared: 04/25/11 15:42

Analyzed: 04/25/11 17:57

Solids: 0.00

Preparation: EPA SW 846-3010A

Initial/Final: 50 mL / 50 mL

Batch: BD10894

Sequence:

Calibration:

Instrument: WinLabICP

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	Q	Method
7440-36-0	Antimony	5	1	U	EPA SW846-6010B
7440-38-2	Arsenic	26	1		EPA SW846-6010B
7440-41-7	Beryllium	1	1	U	EPA SW846-6010B
7440-43-9	Cadmium	3	1	U	EPA SW846-6010B
7440-47-3	Chromium	8	1		EPA SW846-6010B
7440-50-8	Copper	12	1		EPA SW846-6010B
7439-92-1	Lead	6	1		EPA SW846-6010B
7440-02-0	Nickel	21	1		EPA SW846-6010B
7782-49-2	Selenium	10	1	U	EPA SW846-6010B
7440-22-4	Silver	5	1	U	EPA SW846-6010B
7440-28-0	Thallium	10	1	U	EPA SW846-6010B
7440-66-6	Zinc	76	1	J	EPA SW846-6010B

INORGANIC ANALYSIS DATA SHEET

EPA SW846-6010B

NR-MW-5

Laboratory: York Analytical Laboratories, Inc.

SDG: 11D0646

Client: Chazen Environmental Services (Poughkeepsie)

Project: 41103.00

Matrix: Water

Laboratory ID: 11D0646-05

File ID: qbi042511b-016

Sampled: 04/20/11 15:50

Prepared: 04/25/11 15:42

Analyzed: 04/25/11 18:02

Solids: 0.00

Preparation: EPA SW 846-3010A

Initial/Final: 50 mL / 50 mL

Batch: BD10894

Sequence:

Calibration:

Instrument: WinLabICP

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	Q	Method
7440-36-0	Antimony	5	1	U	EPA SW846-6010B
7440-38-2	Arsenic	10	1	U	EPA SW846-6010B
7440-41-7	Beryllium	1	1	U	EPA SW846-6010B
7440-43-9	Cadmium	3	1	U	EPA SW846-6010B
7440-47-3	Chromium	5	1	U	EPA SW846-6010B
7440-50-8	Copper	5	1	U	EPA SW846-6010B
7439-92-1	Lead	3	1		EPA SW846-6010B
7440-02-0	Nickel	8	1		EPA SW846-6010B
7782-49-2	Selenium	10	1	U	EPA SW846-6010B
7440-22-4	Silver	5	1	U	EPA SW846-6010B
7440-28-0	Thallium	10	1	U	EPA SW846-6010B
7440-66-6	Zinc	35	1		EPA SW846-6010B

INORGANIC ANALYSIS DATA SHEET

EPA SW846-6010B

NR-MW-DUP

Laboratory: York Analytical Laboratories, Inc.

SDG: 11D0646

Client: Chazen Environmental Services (Poughkeepsie)

Project: 41103.00

Matrix: Water

Laboratory ID: 11D0646-06

File ID: qbi042511b-017

Sampled: 04/20/11 15:00

Prepared: 04/25/11 15:42

Analyzed: 04/25/11 18:07

Solids: 0.00

Preparation: EPA SW 846-3010A

Initial/Final: 50 mL / 50 mL

Batch: BD10894

Sequence:

Calibration:

Instrument: WinLabICP

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	Q	Method
7440-36-0	Antimony	5	1	U	EPA SW846-6010B
7440-38-2	Arsenic	10	1	U	EPA SW846-6010B
7440-41-7	Beryllium	1	1	U	EPA SW846-6010B
7440-43-9	Cadmium	59	1		EPA SW846-6010B
7440-47-3	Chromium	8	1		EPA SW846-6010B
7440-50-8	Copper	6	1		EPA SW846-6010B
7439-92-1	Lead	3	1	U	EPA SW846-6010B
7440-02-0	Nickel	307	1		EPA SW846-6010B
7782-49-2	Selenium	10	1	U	EPA SW846-6010B
7440-22-4	Silver	5	1	U	EPA SW846-6010B
7440-28-0	Thallium	10	1	U	EPA SW846-6010B
7440-66-6	Zinc	146	1	J	EPA SW846-6010B

INORGANIC ANALYSIS DATA SHEET

EPA SW846-7470

NR-MW-1

Laboratory: York Analytical Laboratories, Inc.

SDG: 11D0646

Client: Chazen Environmental Services (Poughkeepsie)

Project: 41103.00

Matrix: Water

Laboratory ID: 11D0646-01

File ID:

Sampled: 04/20/11 17:25

Prepared: 04/26/11 16:04

Analyzed: 04/26/11 16:04

Solids: 0.00

Preparation: EPA SW846-7470

Initial/Final: 100 mL / 100 mL

Batch: BD10917

Sequence:

Calibration:

Instrument: Inst

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.2000	1	U	EPA SW846-7470

INORGANIC ANALYSIS DATA SHEET

EPA SW846-7470

NR-MW-2

Laboratory: York Analytical Laboratories, Inc.

SDG: 11D0646

Client: Chazen Environmental Services (Poughkeepsie)

Project: 41103.00

Matrix: Water

Laboratory ID: 11D0646-02

File ID:

Sampled: 04/20/11 17:10

Prepared: 04/26/11 16:04

Analyzed: 04/26/11 16:04

Solids: 0.00

Preparation: EPA SW846-7470

Initial/Final: 100 mL / 100 mL

Batch: BD10917

Sequence:

Calibration:

Instrument: Inst

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.2000	1	U	EPA SW846-7470

INORGANIC ANALYSIS DATA SHEET

EPA SW846-7470

NR-MW-3

Laboratory: York Analytical Laboratories, Inc.

SDG: 11D0646

Client: Chazen Environmental Services (Poughkeepsie)

Project: 41103.00

Matrix: Water

Laboratory ID: 11D0646-03

File ID:

Sampled: 04/20/11 16:55

Prepared: 04/26/11 16:04

Analyzed: 04/26/11 16:04

Solids: 0.00

Preparation: EPA SW846-7470

Initial/Final: 100 mL / 100 mL

Batch: BD10917

Sequence:

Calibration:

Instrument: Inst

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.2000	1	U	EPA SW846-7470

INORGANIC ANALYSIS DATA SHEET

EPA SW846-7470

NR-MW-4

Laboratory: York Analytical Laboratories, Inc.SDG: 11D0646Client: Chazen Environmental Services (Poughkeepsie)Project: 41103.00Matrix: WaterLaboratory ID: 11D0646-04

File ID:

Sampled: 04/20/11 11:30Prepared: 04/26/11 16:04Analyzed: 04/26/11 16:04Solids: 0.00Preparation: EPA SW846-7470Initial/Final: 100 mL / 100 mLBatch: BD10917

Sequence:

Calibration:

Instrument: Int

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	Q	Method
7439-97-6	Mercury	1.800	1		EPA SW846-7470

INORGANIC ANALYSIS DATA SHEET

EPA SW846-7470

NR-MW-5

Laboratory: York Analytical Laboratories, Inc.

SDG: 11D0646

Client: Chazen Environmental Services (Poughkeepsie)

Project: 41103.00

Matrix: Water

Laboratory ID: 11D0646-05

File ID:

Sampled: 04/20/11 15:50

Prepared: 04/26/11 16:04

Analyzed: 04/26/11 16:04

Solids: 0.00

Preparation: EPA SW846-7470

Initial/Final: 100 mL / 100 mL

Batch: BD10917

Sequence:

Calibration:

Instrument: Inst

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.2000	1	U	EPA SW846-7470

INORGANIC ANALYSIS DATA SHEET

EPA SW846-7470

NR-MW-DUP

Laboratory: York Analytical Laboratories, Inc.SDG: 11D0646Client: Chazen Environmental Services (Poughkeepsie)Project: 41103.00Matrix: WaterLaboratory ID: 11D0646-06

File ID:

Sampled: 04/20/11 15:00Prepared: 04/26/11 16:04Analyzed: 04/26/11 16:04Solids: 0.00Preparation: EPA SW846-7470Initial/Final: 100 mL / 100 mLBatch: BD10917

Sequence:

Calibration:

Instrument: Inst

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.2000	1	U	EPA SW846-7470

ATTACHMENT B

Report Date: 05/20/2011
Client Project ID: 41103.00
York Project (SDG) No.: 11D0646

Chazen Environmental Services (Poughkeepsie)

21 Fox Street
Poughkeepsie NY, 12601
Attention: Dan Michaud

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 April 21, 2011 and listed below. The project was identified as your project: **41103.00**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

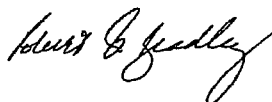
Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
11D0646-01	NR-MW-1	Water	04/20/2011	04/21/2011
11D0646-02	NR-MW-2	Water	04/20/2011	04/21/2011
11D0646-03	NR-MW-3	Water	04/20/2011	04/21/2011
11D0646-04	NR-MW-4	Water	04/20/2011	04/21/2011
11D0646-05	NR-MW-5	Water	04/20/2011	04/21/2011
11D0646-06	NR-MW-DUP	Water	04/20/2011	04/21/2011
11D0646-07	TRIP BLANK	Water	04/19/2011	04/21/2011

General Notes for York Project (SDG) No.: 11D0646

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: 05/20/2011

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Case Narrative

Client: Chazen Environmental Services (Poughkeepsie)

Client Project ID: 41103.00

Prepared for: Dan Michaud

Introduction

Seven (7) aqueous samples were received on April 21, 2011. The samples were received intact in a custody-sealed cooler. Upon receipt, the temperature of the cooler was determined. The cooler temperature was 4.3 oC at time of receipt as measured by a NIST traceable digital infrared thermometer. Chain-of-custody was maintained from receipt through analysis in the laboratory.

Methodology

The client requested analysis of the samples for target volatiles and metals (including Hg) by EPA SW846 methods. All preparation and analyses were conducted according to the SW-846 methods as detailed in the following table.

<u>Parameter</u>	<u>Preparative Method</u>	<u>Analysis Method</u>
Volatiles	5030B	8260B
Metals	3010A	6010B
Mercury		7470A

Preparation/Analysis

Volatiles (8270 List)

No problems were encountered during analysis of the samples in this SDG, except as noted below.

In the initial calibration for analytical batch V1C0279B, the lowest standard was 10 ppb for methylene chloride and naphthalene. The reporting limits are adjusted accordingly. This affects all samples.

The method blank for analytical batch BD11068 contained methylene chloride at 5.5 J ppb. This result is below the reporting limit but above the method detection limit. This compound, if detected, is 'B' flagged accordingly and would affect all samples.

The method blank for analytical batch BE10118 contained methylene chloride at 4.6 J ppb. This result is below the reporting limit but above the method detection limit. This compound, if detected, is 'B' flagged accordingly and would affect samples NR-MW-1 and NR-MW-DUP. It is noted that cis-1,2-dichloroethylene and trichloroethylene were the only compounds reported for this dilution of the samples.

Samples NR-MW-1 and NR-MW-DUP required dilutions due to levels of target compounds. These dilutions caused the reporting limits to be raised.

It is noted that in the method blank for batch BE10118, the surrogate 1,2-dichloroethane-d4 recovered slightly below the 75.7% lower recovery limit (74.1%).

YORK
ANALYTICAL LABORATORIES, INC.
FOR THE STATE OF CONNECTICUT

All aqueous samples were received with a pH less than 2.

An LCS/LCS Dup was used as the batch QC for this project. Please refer to the attached Quality Control Data for bias information.

Metals, Priority Pollutant List (except Mercury)

No problems were encountered with preparation or analysis of these samples other than those detailed as follows.

It is noted that CCV-8 did not inject properly and therefore there is no data available for this sample. The data is still acceptable because the continuing calibration verifications bracketing the samples for this project recovered within laboratory limits.

Sample NR-MW-3 was used as the sample spike and duplicate for this project. All criteria were met.

It is noted that antimony recovered above the 540.5 ug/L acceptance limit in the laboratory control sample.

Sample NR-MW-4 was used for the serial dilution. The % difference was above 10.0% for zinc.

Mercury

No problems encountered during preparation or analysis. All ICV, CCV, ICB, CCB, spike, duplicate and LCS criteria were met.

The MS/DUP for this project was not a site-specific sample and is therefore not included in this data package. Please refer to the attached Quality Control Data for bias information.

SDG 11D0646 Statement

We certify that these data are in compliance with SOP requirements both technically and for completeness for other than the conditions stated above. Release of the data contained in the hard copy report has been authorized by the Laboratory Manager as verified by the following signature.

Prepared by: Sarah A. Neafsey Date: May 20, 2011
Sarah A. Neafsey
QA Officer

Approved by: Robert Q. Bradley Date: May 20, 2011
Robert Q. Bradley
Managing Director

CHAIN OF CUSTODY RECORD CHAZEN ENVIRONMENTAL SERVICES, INC.

Capital District Office:
547 River Street
Troy, New York 12180
Phone: 518-273-0055
Fax: 518-273-8391

North County Office:
100 Glen Street
Glens Falls, New York 12801
Phone: 518-812-0513
Fax: 518-812-2205

Dutchess County Office:
21 Fox Street
Poughkeepsie, New York 12601
Phone: 845-454-3880
Fax: 845-454-4026

Attention: Dan M., Eric O., Emily P.

Project Name: NORTHEAST RETAIL

Location: KINGSTON, NY

Project Number: 41103.00

Project Manager: DAN MICHAUD

P.O. # P12439

Laboratory: YORK

Turn Around Time: STANDARD

Level: NORMAL

CT RCP Required?: Y(N)

PACKED ON ICE

SAMPLE ID	DATE	TIME	Composit	Grab Sample	Matrix*	Total # of Containers	Size		40 mL Vial	Litter	500 mL	250 mL	125 mL	8 oz Soil	4 oz Soil	2 oz Soil	Other	ANALYSIS REQUESTED
							Type	Pres.										
NR-MW-1	4/20/2011	1725		X	GW	4			3									8260 VOC; Priority Pollutant Metals
NR-MW-2	4/20/2011	1710		X	1	4			3									
NR-MW-3	4/20/2011	1655		X	1	4			3									
NR-MW-4	4/20/2011	1130		X	1	4			3									
NR-MW-5	4/20/2011	1550		X	1	4			3									
NR-MW-6	4/20/2011	0000		X	1	4			3									
TRIP BLANK	4/19/2011	1700		X	DI	3			3									
PLEASE PROVIDE ASP CLASS B DELIVERABLES AND A DUSR.																		

Please Identify Matrix:

GW - Groundwater SW - Surface Water DW - Drinking Water

SS - Soil Sample SD - Sediment Sample SL - Sludge

PS - Process Sample Other (Please Specify)

Sampled By: Name: ERIC J. ORLOWSKI Date: 4/20/2011 Time: 12:15 Company: CHAZEN

Relinquished By: Name: Emily Pervin Date: 4/21/11 Time: 12:15 Company: CHAZEN

Received By: Name: Chaz Chaz Date: 4/21/11 Time: 12:15 Company: YORK

Received By: Name: P. J. J. Date: 4/21/11 Time: 1505 @ 4-3 Company: YORK

PLEASE NOTE: Yellow Sheet - Chazen Copy White Top Sheet - Report Copy (Please return along with completed Lab Results)



Technical Report

prepared for:

Chazen Environmental Services (Poughkeepsie)

21 Fox Street

Poughkeepsie NY, 12601

Attention: Dan Michaud

Report Date: 04/27/2011

Client Project ID: 41103.00

York Project (SDG) No.: 11D0625

CT License No. PH-0723

New Jersey License No. CT-005



New York License No. 10854

PA Reg. 68-04440

Report Date: 04/27/2011
Client Project ID: 41103.00
York Project (SDG) No.: 11D0625

Chazen Environmental Services (Poughkeepsie)

21 Fox Street
Poughkeepsie NY, 12601
Attention: Dan Michaud

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 April 21, 2011 and listed below. The project was identified as your project: **41103.00**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
11D0625-01	NR-IAQ-001	Indoor Ambient Air	04/20/2011	04/21/2011

General Notes for York Project (SDG) No.: 11D0625

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:



Robert Q. Bradley
Executive Vice President / Laboratory Director

Date: 04/27/2011

YORK

Sample Information

Client Sample ID: NR-IAQ-001

York Sample ID: 11D0625-01

York Project (SDG) No.

11D0625

Client Project ID

41103.00

Matrix

Indoor Ambient Air

Collection Date/Time

April 20, 2011 5:53 pm

Date Received

04/21/2011

Volatile Organics, EPA TO15 Full List

Sample Prepared by Method: EPA TO15 PREP

Log-in Notes:

Sample Notes:

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/m ³	0.067	0.37	0.666	EPA Compendium TO-15	04/26/2011 16:23	04/26/2011 16:23	TD
79-34-5	1,1,2,2-Tetrachloroethane	0.47		ug/m ³	0.11	0.47	0.666	EPA Compendium TO-15	04/26/2011 16:23	04/26/2011 16:23	TD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.2		ug/m ³	0.036	0.52	0.666	EPA Compendium TO-15	04/26/2011 16:23	04/26/2011 16:23	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.092	0.37	0.666	EPA Compendium TO-15	04/26/2011 16:23	04/26/2011 16:23	TD
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.033	0.27	0.666	EPA Compendium TO-15	04/26/2011 16:23	04/26/2011 16:23	TD
75-35-4	1,1-Dichloroethylene	0.13		ug/m ³	0.040	0.13	0.666	EPA Compendium TO-15	04/26/2011 16:23	04/26/2011 16:23	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	0.11	0.50	0.666	EPA Compendium TO-15	04/26/2011 16:23	04/26/2011 16:23	TD
95-63-6	1,2,4-Trimethylbenzene	1.3		ug/m ³	0.040	0.33	0.666	EPA Compendium TO-15	04/26/2011 16:23	04/26/2011 16:23	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.10	0.41	0.666	EPA Compendium TO-15	04/26/2011 16:23	04/26/2011 16:23	TD
107-06-2	1,2-Dichloroethane	1.3		ug/m ³	0.066	0.14	0.666	EPA Compendium TO-15	04/26/2011 16:23	04/26/2011 16:23	TD
78-87-5	1,2-Dichloropropane	1.3		ug/m ³	0.069	0.31	0.666	EPA Compendium TO-15	04/26/2011 16:23	04/26/2011 16:23	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.080	0.47	0.666	EPA Compendium TO-15	04/26/2011 16:23	04/26/2011 16:23	TD
108-67-8	1,3,5-Trimethylbenzene	0.67		ug/m ³	0.043	0.33	0.666	EPA Compendium TO-15	04/26/2011 16:23	04/26/2011 16:23	TD
106-99-0	1,3-Butadiene	ND		ug/m ³	0.044	0.29	0.666	EPA Compendium TO-15	04/26/2011 16:23	04/26/2011 16:23	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.073	0.41	0.666	EPA Compendium TO-15	04/26/2011 16:23	04/26/2011 16:23	TD
106-46-7	1,4-Dichlorobenzene	0.53		ug/m ³	0.090	0.41	0.666	EPA Compendium TO-15	04/26/2011 16:23	04/26/2011 16:23	TD
123-91-1	1,4-Dioxane	ND		ug/m ³	0.22	0.24	0.666	EPA Compendium TO-15	04/26/2011 16:23	04/26/2011 16:23	TD
540-84-1	2,2,4-Trimethylpentane	0.54		ug/m ³	0.038	0.32	0.666	EPA Compendium TO-15	04/26/2011 16:23	04/26/2011 16:23	TD
78-93-3	2-Butanone	6.9		ug/m ³	0.080	0.20	0.666	EPA Compendium TO-15	04/26/2011 16:23	04/26/2011 16:23	TD
591-78-6	2-Hexanone	11		ug/m ³	0.15	0.28	0.666	EPA Compendium TO-15	04/26/2011 16:23	04/26/2011 16:23	TD
107-05-1	3-Chloropropene	ND		ug/m ³	0.038	0.21	0.666	EPA Compendium TO-15	04/26/2011 16:23	04/26/2011 16:23	TD
108-10-1	4-Methyl-2-pentanone	2.8		ug/m ³	0.10	0.28	0.666	EPA Compendium TO-15	04/26/2011 16:23	04/26/2011 16:23	TD
67-64-1	Acetone	75	B	ug/m ³	0.050	0.16	0.666	EPA Compendium TO-15	04/26/2011 16:23	04/26/2011 16:23	TD
71-43-2	Benzene	0.97		ug/m ³	0.032	0.22	0.666	EPA Compendium TO-15	04/26/2011 16:23	04/26/2011 16:23	TD
100-44-7	Benzyl chloride	ND		ug/m ³	0.042	0.35	0.666	EPA Compendium TO-15	04/26/2011 16:23	04/26/2011 16:23	TD
75-27-4	Bromodichloromethane	ND		ug/m ³	0.10	0.42	0.666	EPA Compendium TO-15	04/26/2011 16:23	04/26/2011 16:23	TD
75-25-2	Bromoform	ND		ug/m ³	0.13	0.70	0.666	EPA Compendium TO-15	04/26/2011 16:23	04/26/2011 16:23	TD
74-83-9	Bromomethane	ND		ug/m ³	0.032	0.26	0.666	EPA Compendium TO-15	04/26/2011 16:23	04/26/2011 16:23	TD
75-15-0	Carbon disulfide	0.42		ug/m ³	0.025	0.21	0.666	EPA Compendium TO-15	04/26/2011 16:23	04/26/2011 16:23	TD
56-23-5	Carbon tetrachloride	0.64		ug/m ³	0.051	0.21	0.666	EPA Compendium TO-15	04/26/2011 16:23	04/26/2011 16:23	TD
108-90-7	Chlorobenzene	0.31		ug/m ³	0.056	0.31	0.666	EPA Compendium TO-15	04/26/2011 16:23	04/26/2011 16:23	TD
75-00-3	Chloroethane	0.25		ug/m ³	0.021	0.18	0.666	EPA Compendium TO-15	04/26/2011 16:23	04/26/2011 16:23	TD
67-66-3	Chloroform	0.56		ug/m ³	0.050	0.33	0.666	EPA Compendium TO-15	04/26/2011 16:23	04/26/2011 16:23	TD
74-87-3	Chloromethane	1.4		ug/m ³	0.042	0.14	0.666	EPA Compendium TO-15	04/26/2011 16:23	04/26/2011 16:23	TD
156-59-2	cis-1,2-Dichloroethylene	4.4		ug/m ³	0.046	0.27	0.666	EPA Compendium TO-15	04/26/2011 16:23	04/26/2011 16:23	TD

Sample Information

Client Sample ID: NR-IAQ-001

York Sample ID: 11D0625-01

York Project (SDG) No.
11D0625

Client Project ID
41103.00

Matrix
Indoor Ambient Air

Collection Date/Time
April 20, 2011 5:53 pm

Date Received
04/21/2011

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.077	0.31	0.666	EPA Compendium TO-15	04/26/2011 16:23	04/26/2011 16:23	TD
110-82-7	Cyclohexane	0.54		ug/m ³	0.028	0.23	0.666	EPA Compendium TO-15	04/26/2011 16:23	04/26/2011 16:23	TD
75-71-8	Dichlorodifluoromethane	2.5		ug/m ³	0.084	0.33	0.666	EPA Compendium TO-15	04/26/2011 16:23	04/26/2011 16:23	TD
141-78-6	Ethyl acetate	32		ug/m ³	0.061	0.24	0.666	EPA Compendium TO-15	04/26/2011 16:23	04/26/2011 16:23	TD
100-41-4	Ethyl Benzene	1.1		ug/m ³	0.053	0.29	0.666	EPA Compendium TO-15	04/26/2011 16:23	04/26/2011 16:23	TD
87-68-3	Hexachlorobutadiene	ND		ug/m ³	0.13	0.72	0.666	EPA Compendium TO-15	04/26/2011 16:23	04/26/2011 16:23	TD
67-63-0	Isopropanol	140		ug/m ³	0.058	0.17	0.666	EPA Compendium TO-15	04/26/2011 16:23	04/26/2011 16:23	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.029	0.24	0.666	EPA Compendium TO-15	04/26/2011 16:23	04/26/2011 16:23	TD
75-09-2	Methylene chloride	10		ug/m ³	0.056	0.24	0.666	EPA Compendium TO-15	04/26/2011 16:23	04/26/2011 16:23	TD
142-82-5	n-Heptane	1.1		ug/m ³	0.033	0.28	0.666	EPA Compendium TO-15	04/26/2011 16:23	04/26/2011 16:23	TD
110-54-3	n-Hexane	2.2		ug/m ³	0.029	0.24	0.666	EPA Compendium TO-15	04/26/2011 16:23	04/26/2011 16:23	TD
95-47-6	o-Xylene	1.0		ug/m ³	0.053	0.29	0.666	EPA Compendium TO-15	04/26/2011 16:23	04/26/2011 16:23	TD
1330-20-7P/M	p- & m- Xylenes	1.2		ug/m ³	0.10	0.29	0.666	EPA Compendium TO-15	04/26/2011 16:23	04/26/2011 16:23	TD
622-96-8	p-Ethyltoluene	1.2		ug/m ³	0.060	0.33	0.666	EPA Compendium TO-15	04/26/2011 16:23	04/26/2011 16:23	TD
115-07-01	Propylene	ND		ug/m ³	0.054	0.12	0.666	EPA Compendium TO-15	04/26/2011 16:23	04/26/2011 16:23	TD
100-42-5	Styrene	ND		ug/m ³	0.052	0.29	0.666	EPA Compendium TO-15	04/26/2011 16:23	04/26/2011 16:23	TD
127-18-4	Tetrachloroethylene	0.60		ug/m ³	0.055	0.46	0.666	EPA Compendium TO-15	04/26/2011 16:23	04/26/2011 16:23	TD
109-99-9	Tetrahydrofuran	2.0		ug/m ³	0.050	0.20	0.666	EPA Compendium TO-15	04/26/2011 16:23	04/26/2011 16:23	TD
108-88-3	Toluene	12		ug/m ³	0.061	0.26	0.666	EPA Compendium TO-15	04/26/2011 16:23	04/26/2011 16:23	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.032	0.27	0.666	EPA Compendium TO-15	04/26/2011 16:23	04/26/2011 16:23	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.055	0.31	0.666	EPA Compendium TO-15	04/26/2011 16:23	04/26/2011 16:23	TD
79-01-6	Trichloroethylene	0.55		ug/m ³	0.044	0.18	0.666	EPA Compendium TO-15	04/26/2011 16:23	04/26/2011 16:23	TD
75-69-4	Trichlorofluoromethane (Freon 11)	3.2		ug/m ³	0.023	0.38	0.666	EPA Compendium TO-15	04/26/2011 16:23	04/26/2011 16:23	TD
108-05-4	Vinyl acetate	0.19		ug/m ³	0.036	0.12	0.666	EPA Compendium TO-15	04/26/2011 16:23	04/26/2011 16:23	TD
593-60-2	Vinyl bromide	ND		ug/m ³	0.044	0.15	0.666	EPA Compendium TO-15	04/26/2011 16:23	04/26/2011 16:23	TD
75-01-4	Vinyl Chloride	ND		ug/m ³	0.042	0.087	0.666	EPA Compendium TO-15	04/26/2011 16:23	04/26/2011 16:23	TD
	Surrogate Recoveries	Result		Acceptance Range							
460-00-4	Surrogate: p-Bromofluorobenzene	96.1 %		67-132							

Analytical Batch Summary

Batch ID: BD11014

Preparation Method: EPA TO15 PREP

Prepared By: SR

YORK Sample ID	Client Sample ID	Preparation Date
11D0625-01	NR-IAQ-001	04/26/11
BD11014-BLK1	Blank	04/26/11
BD11014-BS1	LCS	04/26/11

Volatile Organic Compounds by EPA Compendium TO14A/TO15 - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BD11014 - EPA TO15 PREP

Blank (BD11014-BLK1)

Prepared & Analyzed: 04/26/2011

Vinyl Chloride	ND	0.13	ug/m ³
Vinyl bromide	ND	0.22	"
Vinyl acetate	ND	0.18	"
Trichloroethylene	ND	0.27	"
trans-1,3-Dichloropropylene	ND	0.46	"
trans-1,2-Dichloroethylene	ND	0.40	"
Toluene	ND	0.38	"
Tetrahydrofuran	ND	0.30	"
Tetrachloroethylene	ND	0.69	"
Styrene	ND	0.43	"
Propylene	ND	0.18	"
p-Ethyltoluene	ND	0.50	"
p- & m- Xylenes	ND	0.44	"
o-Xylene	ND	0.44	"
n-Hexane	ND	0.36	"
n-Heptane	ND	0.42	"
Methylene chloride	ND	0.35	"
Methyl tert-butyl ether (MTBE)	ND	0.37	"
4-Methyl-2-pentanone	ND	0.42	"
Isopropanol	ND	0.25	"
Hexachlorobutadiene	ND	1.1	"
Ethyl Benzene	ND	0.44	"
Ethyl acetate	ND	0.37	"
Cyclohexane	ND	0.35	"
cis-1,3-Dichloropropylene	ND	0.46	"
cis-1,2-Dichloroethylene	ND	0.40	"
Chloromethane	ND	0.21	"
Chloroform	ND	0.50	"
Chloroethane	ND	0.27	"
Carbon tetrachloride	ND	0.32	"
Carbon disulfide	ND	0.32	"
Bromomethane	ND	0.39	"
Bromoform	ND	1.1	"
Bromodichloromethane	ND	0.63	"
Benzyl chloride	ND	0.53	"
Benzene	ND	0.32	"
Acetone	0.41	0.24	"
3-Chloropropene	ND	0.32	"
2-Hexanone	ND	0.42	"
2-Butanone	ND	0.30	"
2,2,4-Trimethylpentane	ND	0.48	"
1,4-Dioxane	ND	0.37	"
1,4-Dichlorobenzene	ND	0.61	"
1,3-Dichlorobenzene	ND	0.61	"
1,3-Butadiene	ND	0.44	"
1,3,5-Trimethylbenzene	ND	0.50	"
1,2-Dichlorotetrafluoroethane	ND	0.71	"
1,2-Dichloropropane	ND	0.47	"
1,2-Dichloroethane	ND	0.21	"
1,2-Dichlorobenzene	ND	0.61	"
1,2,4-Trimethylbenzene	ND	0.50	"
1,2,4-Trichlorobenzene	ND	0.75	"
1,1-Dichloroethylene	ND	0.20	"
1,1-Dichloroethane	ND	0.41	"

Volatile Organic Compounds by EPA Compendium TO14A/TO15 - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD11014 - EPA TO15 PREP											
Blank (BD11014-BLK1)						Prepared & Analyzed: 04/26/2011					
Trichlorofluoromethane (Freon 11)	ND	0.57	ug/m ³								
1,1,2-Trichloroethane	ND	0.55	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.78	"								
1,1,2,2-Tetrachloroethane	ND	0.70	"								
Dichlorodifluoromethane	ND	0.50	"								
1,1,1-Trichloroethane	ND	0.55	"								
Chlorobenzene	ND	0.47	"								
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.52</i>		<i>ppbv</i>	<i>10.0</i>		<i>95.2</i>	<i>67-132</i>				
LCS (BD11014-BS1)						Prepared & Analyzed: 04/26/2011					
Vinyl Chloride	10		ppbv	10.0		102	70-130				
Vinyl bromide	10		"	10.0		103	70-130				
Vinyl acetate	14		"	10.0		135	70-130	High Bias			
Trichloroethylene	9.5		"	10.0		94.8	70-130				
trans-1,3-Dichloropropylene	13		"	10.0		132	70-130	High Bias			
trans-1,2-Dichloroethylene	11		"	10.0		105	70-130				
Toluene	11		"	10.0		110	70-130				
Tetrahydrofuran	15		"	10.0		149	70-130	High Bias			
Tetrachloroethylene	11		"	10.0		108	70-130				
Styrene	11		"	10.0		114	70-130				
Propylene	10		"	10.0		102	70-130				
p-Ethyltoluene	13		"	10.0		129	70-130				
p- & m- Xylenes	11		"	20.0		56.2	70-130	Low Bias			
o-Xylene	11		"	10.0		114	70-130				
n-Hexane	11		"	10.0		107	70-130				
n-Heptane	10		"	10.0		103	70-130				
Methylene chloride	10		"	10.0		104	70-130				
Methyl tert-butyl ether (MTBE)	11		"	10.0		114	70-130				
4-Methyl-2-pentanone	68	0.42	ug/m ³				70-130				
Isopropanol	16		ppbv	10.0		156	70-130	High Bias			
Hexachlorobutadiene	10		"	10.0		104	70-130				
Ethyl Benzene	11		"	10.0		113	70-130				
Ethyl acetate	16		"	10.0		161	70-130	High Bias			
Cyclohexane	11		"	10.0		106	70-130				
cis-1,3-Dichloropropylene	12		"	10.0		119	70-130				
cis-1,2-Dichloroethylene	10		"	10.0		103	70-130				
Chloromethane	8.6		"	10.0		86.4	70-130				
Chloroform	11		"	10.0		110	70-130				
Chloroethane	9.1		"	10.0		91.2	70-130				
Carbon tetrachloride	9.6		"	10.0		96.0	70-130				
Carbon disulfide	11		"	10.0		106	70-130				
Bromomethane	10		"	10.0		100	70-130				
Bromoform	13		"	10.0		130	70-130				
Bromodichloromethane	11		"	10.0		111	70-130				
Benzyl chloride	20		"	10.0		199	70-130	High Bias			
Benzene	11		"	10.0		107	70-130				
Acetone	13		"	10.0		130	70-130				
3-Chloropropene	11		"	10.0		107	70-130				
2-Hexanone	22		"	10.0		221	70-130	High Bias			
2-Butanone	16		"	10.0		156	70-130	High Bias			
2,2,4-Trimethylpentane	11		"	10.0		106	70-130				
1,4-Dioxane	10		"	10.0		102	70-130				
1,4-Dichlorobenzene	13		"	10.0		129	70-130				

Volatile Organic Compounds by EPA Compendium TO14A/TO15 - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BD11014 - EPA TO15 PREP

LCS (BD11014-BS1)

Prepared & Analyzed: 04/26/2011

1,3-Dichlorobenzene	10		ppbv	10.0		103	70-130				
1,3-Butadiene	10		"	10.0		102	70-130				
1,3,5-Trimethylbenzene	12		"	10.0		125	70-130				
1,2-Dichlorotetrafluoroethane	10		"	10.0		102	70-130				
1,2-Dichloropropane	13		"	10.0		128	70-130				
1,2-Dichloroethane	12		"	10.0		117	70-130				
1,2-Dichlorobenzene	12		"	10.0		123	70-130				
1,2,4-Trimethylbenzene	10		"	10.0		103	70-130				
1,2,4-Trichlorobenzene	11		"	10.0		106	70-130				
1,1-Dichloroethylene	10		"	10.0		105	70-130				
1,1-Dichloroethane	11		"	10.0		109	70-130				
Trichlorofluoromethane (Freon 11)	10		"	10.0		103	70-130				
1,1,2-Trichloroethane	12		"	10.0		117	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11		"	10.0		107	70-130				
1,1,2,2-Tetrachloroethane	12		"	10.0		120	70-130				
1,1,1-Trichloroethane	11		"	10.0		107	70-130				
Dichlorodifluoromethane	8.5		"	10.0		84.9	70-130				
Chlorobenzene	11		"	10.0		115	70-130				
Surrogate: <i>p</i> -Bromofluorobenzene	10.1		"	10.0		101	70-130				

Notes and Definitions

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.
B	Analyte is found in the associated analysis batch blank.
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.

Corrective Action:

11D0625

Capital District Office:
547 River Street
Troy, New York 12180
Phone: 518-273-0055
Fax: 518-273-8391

Attention: Eric O., Dan M., Emily P.

P.O. # 012438

Level: Normal

CT RCP Required?

1000

[illegible]

Please Identify Matrix:	GW • Groundwater	SW • Surface Water	DW • Drinking Water	SS • Soil Sample	SD • Sediment Sample	SL • Sludge	PS • Process Sample	Other (Please Specify)
Please Identify Matrix: _____ Container Type: CG = Clear Glass AG = Amber Glass PL = Plastic								

Sampled By:	Name:	Date:	Time:	Company:
ERIC J. ORLOWSKI	ERIC J. ORLOWSKI	4/20/2011	---	CHAZEN
Relinquished By:	Name:	Date: <td>Time:</td> <td>Company:</td>	Time:	Company:
Emily PERIN	Emily PERIN	4/21/11	12:20	chazen
Received By:	Name:	Date: <td>Time:</td> <td>Company:</td>	Time:	Company:
Chris Carfagna	Chris Carfagna	4-21-11	12:20	Yack.
Received By:	Name:	Date: <td>Time:</td> <td>Company:</td>	Time:	Company:
P. Grace	P. Grace	4/21/11	1505	-

White Top Sheet - Report Copy (Please return along with completed Lab Results)

Yellow Sheet - Laboratory File Copy

Pink Sheet - Chazen Copy

PLEASE NOTE:

Technical Report

prepared for:

Chazen Environmental Services (Poughkeepsie)

21 Fox Street

Poughkeepsie NY, 12601

Attention: Eric Orlowski

Report Date: 11/02/2011

Client Project ID: 41103.00 Kingston CVS

York Project (SDG) No.: 11J0711

CT License No. PH-0723

New Jersey License No. CT-005



New York License No. 10854

PA License No. 68-04440

Report Date: 11/02/2011
Client Project ID: 41103.00 Kingston CVS
York Project (SDG) No.: 11J0711

Chazen Environmental Services (Poughkeepsie)
21 Fox Street
Poughkeepsie NY, 12601
Attention: Eric Orlowski

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on October 21, 2011 and listed below. The project was identified as your project: **41103.00 Kingston CVS**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
11J0711-01	KC-MW-1 1011	Water	10/20/2011	10/21/2011
11J0711-02	KC-MW-2 1011	Water	10/20/2011	10/21/2011
11J0711-03	KC-MW-3 1011	Water	10/20/2011	10/21/2011
11J0711-04	KC-MW-4 1011	Water	10/20/2011	10/21/2011
11J0711-05	KC-MW-5 1011	Water	10/20/2011	10/21/2011
11J0711-06	KC-MW-DUP 1011	Water	10/20/2011	10/21/2011
11J0711-07	TRIP BLANK 1011	Water	10/20/2011	10/21/2011

General Notes for York Project (SDG) No.: 11J0711

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: 11/02/2011

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: KC-MW-1 1011

York Sample ID: 11J0711-01

York Project (SDG) No.

11J0711

Client Project ID

41103.00 Kingston CVS

Matrix

Water

Collection Date/Time

October 20, 2011 5:36 pm

Date Received

10/21/2011

Volatile Organics, 8260 List

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
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	10/27/2011 17:54	10/27/2011 17:54	SS
71-55-6	1,1,1-Trichloroethane	2.8	J	ug/L	0.95	5.0	1	EPA SW846-8260B	10/27/2011 17:54	10/27/2011 17:54	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.57	5.0	1	EPA SW846-8260B	10/27/2011 17:54	10/27/2011 17:54	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.60	5.0	1	EPA SW846-8260B	10/27/2011 17:54	10/27/2011 17:54	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	10/27/2011 17:54	10/27/2011 17:54	SS
75-34-3	1,1-Dichloroethane	5.3		ug/L	0.69	5.0	1	EPA SW846-8260B	10/27/2011 17:54	10/27/2011 17:54	SS
75-35-4	1,1-Dichloroethylene	3.4	J	ug/L	1.3	5.0	1	EPA SW846-8260B	10/27/2011 17:54	10/27/2011 17:54	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	10/27/2011 17:54	10/27/2011 17:54	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.37	10	1	EPA SW846-8260B	10/27/2011 17:54	10/27/2011 17:54	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	1.1	5.0	1	EPA SW846-8260B	10/27/2011 17:54	10/27/2011 17:54	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.48	10	1	EPA SW846-8260B	10/27/2011 17:54	10/27/2011 17:54	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.53	5.0	1	EPA SW846-8260B	10/27/2011 17:54	10/27/2011 17:54	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	1.3	10	1	EPA SW846-8260B	10/27/2011 17:54	10/27/2011 17:54	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	10/27/2011 17:54	10/27/2011 17:54	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B	10/27/2011 17:54	10/27/2011 17:54	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.65	5.0	1	EPA SW846-8260B	10/27/2011 17:54	10/27/2011 17:54	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.22	5.0	1	EPA SW846-8260B	10/27/2011 17:54	10/27/2011 17:54	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.37	5.0	1	EPA SW846-8260B	10/27/2011 17:54	10/27/2011 17:54	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.47	5.0	1	EPA SW846-8260B	10/27/2011 17:54	10/27/2011 17:54	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.69	5.0	1	EPA SW846-8260B	10/27/2011 17:54	10/27/2011 17:54	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	10/27/2011 17:54	10/27/2011 17:54	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.96	5.0	1	EPA SW846-8260B	10/27/2011 17:54	10/27/2011 17:54	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	10/27/2011 17:54	10/27/2011 17:54	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	10/27/2011 17:54	10/27/2011 17:54	SS
71-43-2	Benzene	ND		ug/L	0.48	5.0	1	EPA SW846-8260B	10/27/2011 17:54	10/27/2011 17:54	SS
108-86-1	Bromobenzene	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	10/27/2011 17:54	10/27/2011 17:54	SS
74-97-5	Bromochloromethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	10/27/2011 17:54	10/27/2011 17:54	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.62	5.0	1	EPA SW846-8260B	10/27/2011 17:54	10/27/2011 17:54	SS
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	10/27/2011 17:54	10/27/2011 17:54	SS
74-83-9	Bromomethane	ND		ug/L	1.2	5.0	1	EPA SW846-8260B	10/27/2011 17:54	10/27/2011 17:54	SS
56-23-5	Carbon tetrachloride	ND		ug/L	1.0	5.0	1	EPA SW846-8260B	10/27/2011 17:54	10/27/2011 17:54	SS
108-90-7	Chlorobenzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	10/27/2011 17:54	10/27/2011 17:54	SS
75-00-3	Chloroethane	ND		ug/L	0.76	5.0	1	EPA SW846-8260B	10/27/2011 17:54	10/27/2011 17:54	SS
67-66-3	Chloroform	ND		ug/L	0.36	5.0	1	EPA SW846-8260B	10/27/2011 17:54	10/27/2011 17:54	SS

Sample Information

Client Sample ID: KC-MW-1 1011

York Sample ID: 11J0711-01

York Project (SDG) No.
11J0711

Client Project ID
41103.00 Kingston CVS

Matrix
Water

Collection Date/Time
October 20, 2011 5:36 pm

Date Received
10/21/2011

Volatile Organics, 8260 List

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
74-87-3	Chloromethane	ND		ug/L	0.89	5.0	1	EPA SW846-8260B	10/27/2011 17:54	10/27/2011 17:54	SS
156-59-2	cis-1,2-Dichloroethylene	1600		ug/L	9.6	50	10	EPA SW846-8260B	10/27/2011 17:54	10/31/2011 23:57	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	10/27/2011 17:54	10/27/2011 17:54	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.67	5.0	1	EPA SW846-8260B	10/27/2011 17:54	10/27/2011 17:54	SS
74-95-3	Dibromomethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	10/27/2011 17:54	10/27/2011 17:54	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.83	5.0	1	EPA SW846-8260B	10/27/2011 17:54	10/27/2011 17:54	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	10/27/2011 17:54	10/27/2011 17:54	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	10/27/2011 17:54	10/27/2011 17:54	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.39	5.0	1	EPA SW846-8260B	10/27/2011 17:54	10/27/2011 17:54	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.38	5.0	1	EPA SW846-8260B	10/27/2011 17:54	10/27/2011 17:54	SS
75-09-2	Methylene chloride	4.5	J, B	ug/L	1.1	10	1	EPA SW846-8260B	10/27/2011 17:54	10/27/2011 17:54	SS
91-20-3	Naphthalene	ND		ug/L	0.50	10	1	EPA SW846-8260B	10/27/2011 17:54	10/27/2011 17:54	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.32	5.0	1	EPA SW846-8260B	10/27/2011 17:54	10/27/2011 17:54	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	10/27/2011 17:54	10/27/2011 17:54	SS
95-47-6	o-Xylene	ND		ug/L	0.50	5.0	1	EPA SW846-8260B	10/27/2011 17:54	10/27/2011 17:54	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.55	10	1	EPA SW846-8260B	10/27/2011 17:54	10/27/2011 17:54	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.25	5.0	1	EPA SW846-8260B	10/27/2011 17:54	10/27/2011 17:54	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	10/27/2011 17:54	10/27/2011 17:54	SS
100-42-5	Styrene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	10/27/2011 17:54	10/27/2011 17:54	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.46	5.0	1	EPA SW846-8260B	10/27/2011 17:54	10/27/2011 17:54	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	10/27/2011 17:54	10/27/2011 17:54	SS
108-88-3	Toluene	ND		ug/L	0.23	5.0	1	EPA SW846-8260B	10/27/2011 17:54	10/27/2011 17:54	SS
156-60-5	trans-1,2-Dichloroethylene	24		ug/L	0.65	5.0	1	EPA SW846-8260B	10/27/2011 17:54	10/27/2011 17:54	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	10/27/2011 17:54	10/27/2011 17:54	SS
79-01-6	Trichloroethylene	130		ug/L	5.7	50	10	EPA SW846-8260B	10/27/2011 17:54	10/31/2011 23:57	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.91	5.0	1	EPA SW846-8260B	10/27/2011 17:54	10/27/2011 17:54	SS
75-01-4	Vinyl Chloride	100		ug/L	0.97	5.0	1	EPA SW846-8260B	10/27/2011 17:54	10/27/2011 17:54	SS
1330-20-7	Xylenes, Total	ND		ug/L	1.0	15	1	EPA SW846-8260B	10/27/2011 17:54	10/27/2011 17:54	SS
	Surrogate Recoveries	Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	97.4 %			75.7-121						
460-00-4	Surrogate: p-Bromofluorobenzene	91.0 %			71.3-131						
2037-26-5	Surrogate: Toluene-d8	103 %			86.7-112						

Sample Information

Client Sample ID: KC-MW-1 1011

York Sample ID: 11J0711-01

York Project (SDG) No.
11J0711

Client Project ID
41103.00 Kingston CVS

Matrix
Water

Collection Date/Time
October 20, 2011 5:36 pm

Date Received
10/21/2011

Metals, Priority Pollutant

Sample Notes:

Sample Prepared by Method: EPA SW 846-3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	5		ug/L	2	5	1	EPA SW846-6010B	10/25/2011 09:31	10/25/2011 12:24	MW
7440-38-2	Arsenic	10		ug/L	1	10	1	EPA SW846-6010B	10/25/2011 09:31	10/25/2011 12:24	MW
7440-41-7	Beryllium	ND		ug/L	0.9	1	1	EPA SW846-6010B	10/25/2011 09:31	10/25/2011 12:24	MW
7440-43-9	Cadmium	114		ug/L	1	3	1	EPA SW846-6010B	10/25/2011 09:31	10/25/2011 12:24	MW
7440-47-3	Chromium	29		ug/L	0.9	5	1	EPA SW846-6010B	10/25/2011 09:31	10/25/2011 12:24	MW
7440-50-8	Copper	17		ug/L	2	5	1	EPA SW846-6010B	10/25/2011 09:31	10/25/2011 12:24	MW
7439-92-1	Lead	7		ug/L	1	3	1	EPA SW846-6010B	10/25/2011 09:31	10/25/2011 12:24	MW
7440-02-0	Nickel	660		ug/L	0.8	5	1	EPA SW846-6010B	10/25/2011 09:31	10/25/2011 12:24	MW
7782-49-2	Selenium	ND		ug/L	2	10	1	EPA SW846-6010B	10/25/2011 09:31	10/25/2011 12:24	MW
7440-22-4	Silver	ND		ug/L	1	5	1	EPA SW846-6010B	10/25/2011 09:31	10/25/2011 12:24	MW
7440-28-0	Thallium	ND		ug/L	2	10	1	EPA SW846-6010B	10/25/2011 09:31	10/25/2011 12:24	MW
7440-66-6	Zinc	234		ug/L	0.9	20	1	EPA SW846-6010B	10/25/2011 09:31	10/25/2011 12:24	MW

Mercury by 7470/7471

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		ug/L	0.04	0.2	1	EPA SW846-7470	10/26/2011 16:11	10/26/2011 16:11	AA

Sample Information

Client Sample ID: KC-MW-2 1011

York Sample ID: 11J0711-02

York Project (SDG) No.
11J0711

Client Project ID
41103.00 Kingston CVS

Matrix
Water

Collection Date/Time
October 20, 2011 5:29 pm

Date Received
10/21/2011

Volatile Organics, 8260 List

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
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	10/27/2011 18:32	10/27/2011 18:32	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.95	5.0	1	EPA SW846-8260B	10/27/2011 18:32	10/27/2011 18:32	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.57	5.0	1	EPA SW846-8260B	10/27/2011 18:32	10/27/2011 18:32	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.60	5.0	1	EPA SW846-8260B	10/27/2011 18:32	10/27/2011 18:32	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	10/27/2011 18:32	10/27/2011 18:32	SS
75-34-3	1,1-Dichloroethane	1.3	J	ug/L	0.69	5.0	1	EPA SW846-8260B	10/27/2011 18:32	10/27/2011 18:32	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	10/27/2011 18:32	10/27/2011 18:32	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	10/27/2011 18:32	10/27/2011 18:32	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.37	10	1	EPA SW846-8260B	10/27/2011 18:32	10/27/2011 18:32	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	1.1	5.0	1	EPA SW846-8260B	10/27/2011 18:32	10/27/2011 18:32	SS

Sample Information

Client Sample ID: KC-MW-2 1011

York Sample ID: 11J0711-02

York Project (SDG) No.
11J0711

Client Project ID
41103.00 Kingston CVS

Matrix
Water

Collection Date/Time
October 20, 2011 5:29 pm

Date Received
10/21/2011

Volatile Organics, 8260 List

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
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.48	10	1	EPA SW846-8260B	10/27/2011 18:32	10/27/2011 18:32	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.53	5.0	1	EPA SW846-8260B	10/27/2011 18:32	10/27/2011 18:32	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	1.3	10	1	EPA SW846-8260B	10/27/2011 18:32	10/27/2011 18:32	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	10/27/2011 18:32	10/27/2011 18:32	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B	10/27/2011 18:32	10/27/2011 18:32	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.65	5.0	1	EPA SW846-8260B	10/27/2011 18:32	10/27/2011 18:32	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.22	5.0	1	EPA SW846-8260B	10/27/2011 18:32	10/27/2011 18:32	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.37	5.0	1	EPA SW846-8260B	10/27/2011 18:32	10/27/2011 18:32	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.47	5.0	1	EPA SW846-8260B	10/27/2011 18:32	10/27/2011 18:32	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.69	5.0	1	EPA SW846-8260B	10/27/2011 18:32	10/27/2011 18:32	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	10/27/2011 18:32	10/27/2011 18:32	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.96	5.0	1	EPA SW846-8260B	10/27/2011 18:32	10/27/2011 18:32	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	10/27/2011 18:32	10/27/2011 18:32	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	10/27/2011 18:32	10/27/2011 18:32	SS
71-43-2	Benzene	ND		ug/L	0.48	5.0	1	EPA SW846-8260B	10/27/2011 18:32	10/27/2011 18:32	SS
108-86-1	Bromobenzene	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	10/27/2011 18:32	10/27/2011 18:32	SS
74-97-5	Bromochloromethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	10/27/2011 18:32	10/27/2011 18:32	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.62	5.0	1	EPA SW846-8260B	10/27/2011 18:32	10/27/2011 18:32	SS
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	10/27/2011 18:32	10/27/2011 18:32	SS
74-83-9	Bromomethane	ND		ug/L	1.2	5.0	1	EPA SW846-8260B	10/27/2011 18:32	10/27/2011 18:32	SS
56-23-5	Carbon tetrachloride	ND		ug/L	1.0	5.0	1	EPA SW846-8260B	10/27/2011 18:32	10/27/2011 18:32	SS
108-90-7	Chlorobenzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	10/27/2011 18:32	10/27/2011 18:32	SS
75-00-3	Chloroethane	ND		ug/L	0.76	5.0	1	EPA SW846-8260B	10/27/2011 18:32	10/27/2011 18:32	SS
67-66-3	Chloroform	ND		ug/L	0.36	5.0	1	EPA SW846-8260B	10/27/2011 18:32	10/27/2011 18:32	SS
74-87-3	Chloromethane	ND		ug/L	0.89	5.0	1	EPA SW846-8260B	10/27/2011 18:32	10/27/2011 18:32	SS
156-59-2	cis-1,2-Dichloroethylene	25		ug/L	0.96	5.0	1	EPA SW846-8260B	10/27/2011 18:32	10/27/2011 18:32	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	10/27/2011 18:32	10/27/2011 18:32	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.67	5.0	1	EPA SW846-8260B	10/27/2011 18:32	10/27/2011 18:32	SS
74-95-3	Dibromomethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	10/27/2011 18:32	10/27/2011 18:32	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.83	5.0	1	EPA SW846-8260B	10/27/2011 18:32	10/27/2011 18:32	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	10/27/2011 18:32	10/27/2011 18:32	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	10/27/2011 18:32	10/27/2011 18:32	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.39	5.0	1	EPA SW846-8260B	10/27/2011 18:32	10/27/2011 18:32	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.38	5.0	1	EPA SW846-8260B	10/27/2011 18:32	10/27/2011 18:32	SS
75-09-2	Methylene chloride	4.9	J, B	ug/L	1.1	10	1	EPA SW846-8260B	10/27/2011 18:32	10/27/2011 18:32	SS

Sample Information

Client Sample ID: KC-MW-2 1011

York Sample ID: 11J0711-02

York Project (SDG) No.
11J0711

Client Project ID
41103.00 Kingston CVS

Matrix
Water

Collection Date/Time
October 20, 2011 5:29 pm

Date Received
10/21/2011

Volatile Organics, 8260 List

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
91-20-3	Naphthalene	ND		ug/L	0.50	10	1	EPA SW846-8260B	10/27/2011 18:32	10/27/2011 18:32	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.32	5.0	1	EPA SW846-8260B	10/27/2011 18:32	10/27/2011 18:32	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	10/27/2011 18:32	10/27/2011 18:32	SS
95-47-6	o-Xylene	ND		ug/L	0.50	5.0	1	EPA SW846-8260B	10/27/2011 18:32	10/27/2011 18:32	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.55	10	1	EPA SW846-8260B	10/27/2011 18:32	10/27/2011 18:32	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.25	5.0	1	EPA SW846-8260B	10/27/2011 18:32	10/27/2011 18:32	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	10/27/2011 18:32	10/27/2011 18:32	SS
100-42-5	Styrene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	10/27/2011 18:32	10/27/2011 18:32	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.46	5.0	1	EPA SW846-8260B	10/27/2011 18:32	10/27/2011 18:32	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	10/27/2011 18:32	10/27/2011 18:32	SS
108-88-3	Toluene	ND		ug/L	0.23	5.0	1	EPA SW846-8260B	10/27/2011 18:32	10/27/2011 18:32	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.65	5.0	1	EPA SW846-8260B	10/27/2011 18:32	10/27/2011 18:32	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	10/27/2011 18:32	10/27/2011 18:32	SS
79-01-6	Trichloroethylene	3.2	J	ug/L	0.57	5.0	1	EPA SW846-8260B	10/27/2011 18:32	10/27/2011 18:32	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.91	5.0	1	EPA SW846-8260B	10/27/2011 18:32	10/27/2011 18:32	SS
75-01-4	Vinyl Chloride	6.7		ug/L	0.97	5.0	1	EPA SW846-8260B	10/27/2011 18:32	10/27/2011 18:32	SS
1330-20-7	Xylenes, Total	ND		ug/L	1.0	15	1	EPA SW846-8260B	10/27/2011 18:32	10/27/2011 18:32	SS
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	94.1 %		75.7-121							
460-00-4	Surrogate: p-Bromofluorobenzene	91.2 %		71.3-131							
2037-26-5	Surrogate: Toluene-d8	102 %		86.7-112							

Metals, Priority Pollutant

Sample Notes:

Sample Prepared by Method: EPA SW 846-3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	2	5	1	EPA SW846-6010B	10/25/2011 09:31	10/25/2011 12:29	MW
7440-38-2	Arsenic	ND		ug/L	1	10	1	EPA SW846-6010B	10/25/2011 09:31	10/25/2011 12:29	MW
7440-41-7	Beryllium	ND		ug/L	0.9	1	1	EPA SW846-6010B	10/25/2011 09:31	10/25/2011 12:29	MW
7440-43-9	Cadmium	ND		ug/L	1	3	1	EPA SW846-6010B	10/25/2011 09:31	10/25/2011 12:29	MW
7440-47-3	Chromium	7		ug/L	0.9	5	1	EPA SW846-6010B	10/25/2011 09:31	10/25/2011 12:29	MW
7440-50-8	Copper	5		ug/L	2	5	1	EPA SW846-6010B	10/25/2011 09:31	10/25/2011 12:29	MW
7439-92-1	Lead	7		ug/L	1	3	1	EPA SW846-6010B	10/25/2011 09:31	10/25/2011 12:29	MW
7440-02-0	Nickel	27		ug/L	0.8	5	1	EPA SW846-6010B	10/25/2011 09:31	10/25/2011 12:29	MW
7782-49-2	Selenium	12		ug/L	2	10	1	EPA SW846-6010B	10/25/2011 09:31	10/25/2011 12:29	MW
7440-22-4	Silver	ND		ug/L	1	5	1	EPA SW846-6010B	10/25/2011 09:31	10/25/2011 12:29	MW
7440-28-0	Thallium	ND		ug/L	2	10	1	EPA SW846-6010B	10/25/2011 09:31	10/25/2011 12:29	MW
7440-66-6	Zinc	26		ug/L	0.9	20	1	EPA SW846-6010B	10/25/2011 09:31	10/25/2011 12:29	MW

Sample Information

Client Sample ID: KC-MW-2 1011

York Sample ID: 11J0711-02

York Project (SDG) No.
11J0711

Client Project ID
41103.00 Kingston CVS

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October 20, 2011 5:29 pm

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10/21/2011

Mercury by 7470/7471

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		ug/L	0.04	0.2	1	EPA SW846-7470	10/26/2011 16:11	10/26/2011 16:11	AA

Sample Information

Client Sample ID: KC-MW-3 1011

York Sample ID: 11J0711-03

York Project (SDG) No.
11J0711

Client Project ID
41103.00 Kingston CVS

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Water

Collection Date/Time
October 20, 2011 5:22 pm

Date Received
10/21/2011

Volatile Organics, 8260 List

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
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	10/27/2011 19:10	10/27/2011 19:10	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.95	5.0	1	EPA SW846-8260B	10/27/2011 19:10	10/27/2011 19:10	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.57	5.0	1	EPA SW846-8260B	10/27/2011 19:10	10/27/2011 19:10	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.60	5.0	1	EPA SW846-8260B	10/27/2011 19:10	10/27/2011 19:10	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	10/27/2011 19:10	10/27/2011 19:10	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.69	5.0	1	EPA SW846-8260B	10/27/2011 19:10	10/27/2011 19:10	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	10/27/2011 19:10	10/27/2011 19:10	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	10/27/2011 19:10	10/27/2011 19:10	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.37	10	1	EPA SW846-8260B	10/27/2011 19:10	10/27/2011 19:10	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	1.1	5.0	1	EPA SW846-8260B	10/27/2011 19:10	10/27/2011 19:10	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.48	10	1	EPA SW846-8260B	10/27/2011 19:10	10/27/2011 19:10	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.53	5.0	1	EPA SW846-8260B	10/27/2011 19:10	10/27/2011 19:10	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	1.3	10	1	EPA SW846-8260B	10/27/2011 19:10	10/27/2011 19:10	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	10/27/2011 19:10	10/27/2011 19:10	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B	10/27/2011 19:10	10/27/2011 19:10	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.65	5.0	1	EPA SW846-8260B	10/27/2011 19:10	10/27/2011 19:10	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.22	5.0	1	EPA SW846-8260B	10/27/2011 19:10	10/27/2011 19:10	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.37	5.0	1	EPA SW846-8260B	10/27/2011 19:10	10/27/2011 19:10	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.47	5.0	1	EPA SW846-8260B	10/27/2011 19:10	10/27/2011 19:10	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.69	5.0	1	EPA SW846-8260B	10/27/2011 19:10	10/27/2011 19:10	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	10/27/2011 19:10	10/27/2011 19:10	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.96	5.0	1	EPA SW846-8260B	10/27/2011 19:10	10/27/2011 19:10	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	10/27/2011 19:10	10/27/2011 19:10	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	10/27/2011 19:10	10/27/2011 19:10	SS

Sample Information

Client Sample ID: KC-MW-3 1011

York Sample ID: 11J0711-03

York Project (SDG) No.
11J0711

Client Project ID
41103.00 Kingston CVS

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Collection Date/Time
October 20, 2011 5:22 pm

Date Received
10/21/2011

Volatile Organics, 8260 List

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	0.48	5.0	1	EPA SW846-8260B	10/27/2011 19:10	10/27/2011 19:10	SS
108-86-1	Bromobenzene	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	10/27/2011 19:10	10/27/2011 19:10	SS
74-97-5	Bromochloromethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	10/27/2011 19:10	10/27/2011 19:10	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.62	5.0	1	EPA SW846-8260B	10/27/2011 19:10	10/27/2011 19:10	SS
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	10/27/2011 19:10	10/27/2011 19:10	SS
74-83-9	Bromomethane	ND		ug/L	1.2	5.0	1	EPA SW846-8260B	10/27/2011 19:10	10/27/2011 19:10	SS
56-23-5	Carbon tetrachloride	ND		ug/L	1.0	5.0	1	EPA SW846-8260B	10/27/2011 19:10	10/27/2011 19:10	SS
108-90-7	Chlorobenzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	10/27/2011 19:10	10/27/2011 19:10	SS
75-00-3	Chloroethane	ND		ug/L	0.76	5.0	1	EPA SW846-8260B	10/27/2011 19:10	10/27/2011 19:10	SS
67-66-3	Chloroform	ND		ug/L	0.36	5.0	1	EPA SW846-8260B	10/27/2011 19:10	10/27/2011 19:10	SS
74-87-3	Chloromethane	ND		ug/L	0.89	5.0	1	EPA SW846-8260B	10/27/2011 19:10	10/27/2011 19:10	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.96	5.0	1	EPA SW846-8260B	10/27/2011 19:10	10/27/2011 19:10	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	10/27/2011 19:10	10/27/2011 19:10	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.67	5.0	1	EPA SW846-8260B	10/27/2011 19:10	10/27/2011 19:10	SS
74-95-3	Dibromomethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	10/27/2011 19:10	10/27/2011 19:10	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.83	5.0	1	EPA SW846-8260B	10/27/2011 19:10	10/27/2011 19:10	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	10/27/2011 19:10	10/27/2011 19:10	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	10/27/2011 19:10	10/27/2011 19:10	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.39	5.0	1	EPA SW846-8260B	10/27/2011 19:10	10/27/2011 19:10	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.38	5.0	1	EPA SW846-8260B	10/27/2011 19:10	10/27/2011 19:10	SS
75-09-2	Methylene chloride	5.1	J, B	ug/L	1.1	10	1	EPA SW846-8260B	10/27/2011 19:10	10/27/2011 19:10	SS
91-20-3	Naphthalene	ND		ug/L	0.50	10	1	EPA SW846-8260B	10/27/2011 19:10	10/27/2011 19:10	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.32	5.0	1	EPA SW846-8260B	10/27/2011 19:10	10/27/2011 19:10	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	10/27/2011 19:10	10/27/2011 19:10	SS
95-47-6	o-Xylene	ND		ug/L	0.50	5.0	1	EPA SW846-8260B	10/27/2011 19:10	10/27/2011 19:10	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.55	10	1	EPA SW846-8260B	10/27/2011 19:10	10/27/2011 19:10	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.25	5.0	1	EPA SW846-8260B	10/27/2011 19:10	10/27/2011 19:10	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	10/27/2011 19:10	10/27/2011 19:10	SS
100-42-5	Styrene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	10/27/2011 19:10	10/27/2011 19:10	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.46	5.0	1	EPA SW846-8260B	10/27/2011 19:10	10/27/2011 19:10	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	10/27/2011 19:10	10/27/2011 19:10	SS
108-88-3	Toluene	ND		ug/L	0.23	5.0	1	EPA SW846-8260B	10/27/2011 19:10	10/27/2011 19:10	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.65	5.0	1	EPA SW846-8260B	10/27/2011 19:10	10/27/2011 19:10	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	10/27/2011 19:10	10/27/2011 19:10	SS
79-01-6	Trichloroethylene	ND		ug/L	0.57	5.0	1	EPA SW846-8260B	10/27/2011 19:10	10/27/2011 19:10	SS

Sample Information

Client Sample ID: KC-MW-3 1011

York Sample ID: 11J0711-03

York Project (SDG) No.
11J0711

Client Project ID
41103.00 Kingston CVS

Matrix
Water

Collection Date/Time
October 20, 2011 5:22 pm

Date Received
10/21/2011

Volatile Organics, 8260 List

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
75-69-4	Trichlorofluoromethane	ND		ug/L	0.91	5.0	1	EPA SW846-8260B	10/27/2011 19:10	10/27/2011 19:10	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.97	5.0	1	EPA SW846-8260B	10/27/2011 19:10	10/27/2011 19:10	SS
1330-20-7	Xylenes, Total	ND		ug/L	1.0	15	1	EPA SW846-8260B	10/27/2011 19:10	10/27/2011 19:10	SS
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	97.2 %		75.7-121							
460-00-4	Surrogate: p-Bromofluorobenzene	89.6 %		71.3-131							
2037-26-5	Surrogate: Toluene-d8	103 %		86.7-112							

Metals, Priority Pollutant

Sample Notes:

Sample Prepared by Method: EPA SW 846-3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	7		ug/L	2	5	1	EPA SW846-6010B	10/25/2011 09:31	10/25/2011 12:59	MW
7440-38-2	Arsenic	11		ug/L	1	10	1	EPA SW846-6010B	10/25/2011 09:31	10/25/2011 12:59	MW
7440-41-7	Beryllium	ND		ug/L	0.9	1	1	EPA SW846-6010B	10/25/2011 09:31	10/25/2011 12:59	MW
7440-43-9	Cadmium	ND		ug/L	1	3	1	EPA SW846-6010B	10/25/2011 09:31	10/25/2011 12:59	MW
7440-47-3	Chromium	12		ug/L	0.9	5	1	EPA SW846-6010B	10/25/2011 09:31	10/25/2011 12:59	MW
7440-50-8	Copper	11		ug/L	2	5	1	EPA SW846-6010B	10/25/2011 09:31	10/25/2011 12:59	MW
7439-92-1	Lead	10		ug/L	1	3	1	EPA SW846-6010B	10/25/2011 09:31	10/25/2011 12:59	MW
7440-02-0	Nickel	14		ug/L	0.8	5	1	EPA SW846-6010B	10/25/2011 09:31	10/25/2011 12:59	MW
7782-49-2	Selenium	ND		ug/L	2	10	1	EPA SW846-6010B	10/25/2011 09:31	10/25/2011 12:59	MW
7440-22-4	Silver	ND		ug/L	1	5	1	EPA SW846-6010B	10/25/2011 09:31	10/25/2011 12:59	MW
7440-28-0	Thallium	ND		ug/L	2	10	1	EPA SW846-6010B	10/25/2011 09:31	10/25/2011 12:59	MW
7440-66-6	Zinc	40		ug/L	0.9	20	1	EPA SW846-6010B	10/25/2011 09:31	10/25/2011 12:59	MW

Mercury by 7470/7471

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		ug/L	0.04	0.2	1	EPA SW846-7470	10/26/2011 16:11	10/26/2011 16:11	AA

Sample Information

Client Sample ID: KC-MW-4 1011

York Sample ID: 11J0711-04

York Project (SDG) No.
11J0711

Client Project ID
41103.00 Kingston CVS

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Collection Date/Time
October 20, 2011 2:14 pm

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Volatile Organics, 8260 List

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
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	10/27/2011 19:49	10/27/2011 19:49	SS

Sample Information

Client Sample ID: KC-MW-4 1011

York Sample ID: 11J0711-04

York Project (SDG) No.
11J0711

Client Project ID
41103.00 Kingston CVS

Matrix
Water

Collection Date/Time
October 20, 2011 2:14 pm

Date Received
10/21/2011

Volatile Organics, 8260 List

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	0.95	5.0	1	EPA SW846-8260B	10/27/2011 19:49	10/27/2011 19:49	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.57	5.0	1	EPA SW846-8260B	10/27/2011 19:49	10/27/2011 19:49	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.60	5.0	1	EPA SW846-8260B	10/27/2011 19:49	10/27/2011 19:49	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	10/27/2011 19:49	10/27/2011 19:49	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.69	5.0	1	EPA SW846-8260B	10/27/2011 19:49	10/27/2011 19:49	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	10/27/2011 19:49	10/27/2011 19:49	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	10/27/2011 19:49	10/27/2011 19:49	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.37	10	1	EPA SW846-8260B	10/27/2011 19:49	10/27/2011 19:49	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	1.1	5.0	1	EPA SW846-8260B	10/27/2011 19:49	10/27/2011 19:49	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.48	10	1	EPA SW846-8260B	10/27/2011 19:49	10/27/2011 19:49	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.53	5.0	1	EPA SW846-8260B	10/27/2011 19:49	10/27/2011 19:49	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	1.3	10	1	EPA SW846-8260B	10/27/2011 19:49	10/27/2011 19:49	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	10/27/2011 19:49	10/27/2011 19:49	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B	10/27/2011 19:49	10/27/2011 19:49	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.65	5.0	1	EPA SW846-8260B	10/27/2011 19:49	10/27/2011 19:49	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.22	5.0	1	EPA SW846-8260B	10/27/2011 19:49	10/27/2011 19:49	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.37	5.0	1	EPA SW846-8260B	10/27/2011 19:49	10/27/2011 19:49	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.47	5.0	1	EPA SW846-8260B	10/27/2011 19:49	10/27/2011 19:49	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.69	5.0	1	EPA SW846-8260B	10/27/2011 19:49	10/27/2011 19:49	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	10/27/2011 19:49	10/27/2011 19:49	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.96	5.0	1	EPA SW846-8260B	10/27/2011 19:49	10/27/2011 19:49	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	10/27/2011 19:49	10/27/2011 19:49	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	10/27/2011 19:49	10/27/2011 19:49	SS
71-43-2	Benzene	1.6	J	ug/L	0.48	5.0	1	EPA SW846-8260B	10/27/2011 19:49	10/27/2011 19:49	SS
108-86-1	Bromobenzene	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	10/27/2011 19:49	10/27/2011 19:49	SS
74-97-5	Bromochloromethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	10/27/2011 19:49	10/27/2011 19:49	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.62	5.0	1	EPA SW846-8260B	10/27/2011 19:49	10/27/2011 19:49	SS
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	10/27/2011 19:49	10/27/2011 19:49	SS
74-83-9	Bromomethane	ND		ug/L	1.2	5.0	1	EPA SW846-8260B	10/27/2011 19:49	10/27/2011 19:49	SS
56-23-5	Carbon tetrachloride	ND		ug/L	1.0	5.0	1	EPA SW846-8260B	10/27/2011 19:49	10/27/2011 19:49	SS
108-90-7	Chlorobenzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	10/27/2011 19:49	10/27/2011 19:49	SS
75-00-3	Chloroethane	ND		ug/L	0.76	5.0	1	EPA SW846-8260B	10/27/2011 19:49	10/27/2011 19:49	SS
67-66-3	Chloroform	ND		ug/L	0.36	5.0	1	EPA SW846-8260B	10/27/2011 19:49	10/27/2011 19:49	SS
74-87-3	Chloromethane	ND		ug/L	0.89	5.0	1	EPA SW846-8260B	10/27/2011 19:49	10/27/2011 19:49	SS

Sample Information

Client Sample ID: KC-MW-4 1011

York Sample ID: 11J0711-04

York Project (SDG) No.
11J0711

Client Project ID
41103.00 Kingston CVS

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Collection Date/Time
October 20, 2011 2:14 pm

Date Received
10/21/2011

Volatile Organics, 8260 List

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
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.96	5.0	1	EPA SW846-8260B	10/27/2011 19:49	10/27/2011 19:49	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	10/27/2011 19:49	10/27/2011 19:49	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.67	5.0	1	EPA SW846-8260B	10/27/2011 19:49	10/27/2011 19:49	SS
74-95-3	Dibromomethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	10/27/2011 19:49	10/27/2011 19:49	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.83	5.0	1	EPA SW846-8260B	10/27/2011 19:49	10/27/2011 19:49	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	10/27/2011 19:49	10/27/2011 19:49	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	10/27/2011 19:49	10/27/2011 19:49	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.39	5.0	1	EPA SW846-8260B	10/27/2011 19:49	10/27/2011 19:49	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	0.82	J	ug/L	0.38	5.0	1	EPA SW846-8260B	10/27/2011 19:49	10/27/2011 19:49	SS
75-09-2	Methylene chloride	4.5	J, B	ug/L	1.1	10	1	EPA SW846-8260B	10/27/2011 19:49	10/27/2011 19:49	SS
91-20-3	Naphthalene	ND		ug/L	0.50	10	1	EPA SW846-8260B	10/27/2011 19:49	10/27/2011 19:49	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.32	5.0	1	EPA SW846-8260B	10/27/2011 19:49	10/27/2011 19:49	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	10/27/2011 19:49	10/27/2011 19:49	SS
95-47-6	o-Xylene	ND		ug/L	0.50	5.0	1	EPA SW846-8260B	10/27/2011 19:49	10/27/2011 19:49	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.55	10	1	EPA SW846-8260B	10/27/2011 19:49	10/27/2011 19:49	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.25	5.0	1	EPA SW846-8260B	10/27/2011 19:49	10/27/2011 19:49	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	10/27/2011 19:49	10/27/2011 19:49	SS
100-42-5	Styrene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	10/27/2011 19:49	10/27/2011 19:49	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.46	5.0	1	EPA SW846-8260B	10/27/2011 19:49	10/27/2011 19:49	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	10/27/2011 19:49	10/27/2011 19:49	SS
108-88-3	Toluene	ND		ug/L	0.23	5.0	1	EPA SW846-8260B	10/27/2011 19:49	10/27/2011 19:49	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.65	5.0	1	EPA SW846-8260B	10/27/2011 19:49	10/27/2011 19:49	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	10/27/2011 19:49	10/27/2011 19:49	SS
79-01-6	Trichloroethylene	ND		ug/L	0.57	5.0	1	EPA SW846-8260B	10/27/2011 19:49	10/27/2011 19:49	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.91	5.0	1	EPA SW846-8260B	10/27/2011 19:49	10/27/2011 19:49	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.97	5.0	1	EPA SW846-8260B	10/27/2011 19:49	10/27/2011 19:49	SS
1330-20-7	Xylenes, Total	ND		ug/L	1.0	15	1	EPA SW846-8260B	10/27/2011 19:49	10/27/2011 19:49	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	97.2 %	75.7-121								
460-00-4	Surrogate: p-Bromofluorobenzene	89.8 %	71.3-131								
2037-26-5	Surrogate: Toluene-d8	103 %	86.7-112								

Sample Information

Client Sample ID: KC-MW-4 1011

York Sample ID: 11J0711-04

York Project (SDG) No.
11J0711

Client Project ID
41103.00 Kingston CVS

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Metals, Priority Pollutant

Sample Notes:

Sample Prepared by Method: EPA SW 846-3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	2	5	1	EPA SW846-6010B	10/25/2011 09:31	10/25/2011 13:04	MW
7440-38-2	Arsenic	25		ug/L	1	10	1	EPA SW846-6010B	10/25/2011 09:31	10/25/2011 13:04	MW
7440-41-7	Beryllium	ND		ug/L	0.9	1	1	EPA SW846-6010B	10/25/2011 09:31	10/25/2011 13:04	MW
7440-43-9	Cadmium	ND		ug/L	1	3	1	EPA SW846-6010B	10/25/2011 09:31	10/25/2011 13:04	MW
7440-47-3	Chromium	ND		ug/L	0.9	5	1	EPA SW846-6010B	10/25/2011 09:31	10/25/2011 13:04	MW
7440-50-8	Copper	11		ug/L	2	5	1	EPA SW846-6010B	10/25/2011 09:31	10/25/2011 13:04	MW
7439-92-1	Lead	10		ug/L	1	3	1	EPA SW846-6010B	10/25/2011 09:31	10/25/2011 13:04	MW
7440-02-0	Nickel	9		ug/L	0.8	5	1	EPA SW846-6010B	10/25/2011 09:31	10/25/2011 13:04	MW
7782-49-2	Selenium	ND		ug/L	2	10	1	EPA SW846-6010B	10/25/2011 09:31	10/25/2011 13:04	MW
7440-22-4	Silver	ND		ug/L	1	5	1	EPA SW846-6010B	10/25/2011 09:31	10/25/2011 13:04	MW
7440-28-0	Thallium	ND		ug/L	2	10	1	EPA SW846-6010B	10/25/2011 09:31	10/25/2011 13:04	MW
7440-66-6	Zinc	40		ug/L	0.9	20	1	EPA SW846-6010B	10/25/2011 09:31	10/25/2011 13:04	MW

Mercury by 7470/7471

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		ug/L	0.04	0.2	1	EPA SW846-7470	10/26/2011 16:11	10/26/2011 16:11	AA

Sample Information

Client Sample ID: KC-MW-5 1011

York Sample ID: 11J0711-05

York Project (SDG) No.
11J0711

Client Project ID
41103.00 Kingston CVS

Matrix
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Collection Date/Time
October 20, 2011 5:15 pm

Date Received
10/21/2011

Volatile Organics, 8260 List

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
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	10/27/2011 20:27	10/27/2011 20:27	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.95	5.0	1	EPA SW846-8260B	10/27/2011 20:27	10/27/2011 20:27	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.57	5.0	1	EPA SW846-8260B	10/27/2011 20:27	10/27/2011 20:27	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.60	5.0	1	EPA SW846-8260B	10/27/2011 20:27	10/27/2011 20:27	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	10/27/2011 20:27	10/27/2011 20:27	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.69	5.0	1	EPA SW846-8260B	10/27/2011 20:27	10/27/2011 20:27	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	10/27/2011 20:27	10/27/2011 20:27	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	10/27/2011 20:27	10/27/2011 20:27	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.37	10	1	EPA SW846-8260B	10/27/2011 20:27	10/27/2011 20:27	SS

Sample Information

Client Sample ID: KC-MW-5 1011

York Sample ID: 11J0711-05

York Project (SDG) No.
11J0711

Client Project ID
41103.00 Kingston CVS

Matrix
Water

Collection Date/Time
October 20, 2011 5:15 pm

Date Received
10/21/2011

Volatile Organics, 8260 List

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
96-18-4	1,2,3-Trichloropropane	ND		ug/L	1.1	5.0	1	EPA SW846-8260B	10/27/2011 20:27	10/27/2011 20:27	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.48	10	1	EPA SW846-8260B	10/27/2011 20:27	10/27/2011 20:27	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.53	5.0	1	EPA SW846-8260B	10/27/2011 20:27	10/27/2011 20:27	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	1.3	10	1	EPA SW846-8260B	10/27/2011 20:27	10/27/2011 20:27	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	10/27/2011 20:27	10/27/2011 20:27	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B	10/27/2011 20:27	10/27/2011 20:27	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.65	5.0	1	EPA SW846-8260B	10/27/2011 20:27	10/27/2011 20:27	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.22	5.0	1	EPA SW846-8260B	10/27/2011 20:27	10/27/2011 20:27	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.37	5.0	1	EPA SW846-8260B	10/27/2011 20:27	10/27/2011 20:27	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.47	5.0	1	EPA SW846-8260B	10/27/2011 20:27	10/27/2011 20:27	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.69	5.0	1	EPA SW846-8260B	10/27/2011 20:27	10/27/2011 20:27	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	10/27/2011 20:27	10/27/2011 20:27	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.96	5.0	1	EPA SW846-8260B	10/27/2011 20:27	10/27/2011 20:27	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	10/27/2011 20:27	10/27/2011 20:27	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	10/27/2011 20:27	10/27/2011 20:27	SS
71-43-2	Benzene	ND		ug/L	0.48	5.0	1	EPA SW846-8260B	10/27/2011 20:27	10/27/2011 20:27	SS
108-86-1	Bromobenzene	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	10/27/2011 20:27	10/27/2011 20:27	SS
74-97-5	Bromochloromethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	10/27/2011 20:27	10/27/2011 20:27	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.62	5.0	1	EPA SW846-8260B	10/27/2011 20:27	10/27/2011 20:27	SS
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	10/27/2011 20:27	10/27/2011 20:27	SS
74-83-9	Bromomethane	ND		ug/L	1.2	5.0	1	EPA SW846-8260B	10/27/2011 20:27	10/27/2011 20:27	SS
56-23-5	Carbon tetrachloride	ND		ug/L	1.0	5.0	1	EPA SW846-8260B	10/27/2011 20:27	10/27/2011 20:27	SS
108-90-7	Chlorobenzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	10/27/2011 20:27	10/27/2011 20:27	SS
75-00-3	Chloroethane	ND		ug/L	0.76	5.0	1	EPA SW846-8260B	10/27/2011 20:27	10/27/2011 20:27	SS
67-66-3	Chloroform	ND		ug/L	0.36	5.0	1	EPA SW846-8260B	10/27/2011 20:27	10/27/2011 20:27	SS
74-87-3	Chloromethane	ND		ug/L	0.89	5.0	1	EPA SW846-8260B	10/27/2011 20:27	10/27/2011 20:27	SS
156-59-2	cis-1,2-Dichloroethylene	3.4	J	ug/L	0.96	5.0	1	EPA SW846-8260B	10/27/2011 20:27	10/27/2011 20:27	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	10/27/2011 20:27	10/27/2011 20:27	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.67	5.0	1	EPA SW846-8260B	10/27/2011 20:27	10/27/2011 20:27	SS
74-95-3	Dibromomethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	10/27/2011 20:27	10/27/2011 20:27	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.83	5.0	1	EPA SW846-8260B	10/27/2011 20:27	10/27/2011 20:27	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	10/27/2011 20:27	10/27/2011 20:27	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	10/27/2011 20:27	10/27/2011 20:27	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.39	5.0	1	EPA SW846-8260B	10/27/2011 20:27	10/27/2011 20:27	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.38	5.0	1	EPA SW846-8260B	10/27/2011 20:27	10/27/2011 20:27	SS

Sample Information

Client Sample ID: KC-MW-5 1011

York Sample ID: 11J0711-05

York Project (SDG) No.
11J0711

Client Project ID
41103.00 Kingston CVS

Matrix
Water

Collection Date/Time
October 20, 2011 5:15 pm

Date Received
10/21/2011

Volatile Organics, 8260 List

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
75-09-2	Methylene chloride	4.6	J, B	ug/L	1.1	10	1	EPA SW846-8260B	10/27/2011 20:27	10/27/2011 20:27	SS
91-20-3	Naphthalene	ND		ug/L	0.50	10	1	EPA SW846-8260B	10/27/2011 20:27	10/27/2011 20:27	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.32	5.0	1	EPA SW846-8260B	10/27/2011 20:27	10/27/2011 20:27	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	10/27/2011 20:27	10/27/2011 20:27	SS
95-47-6	o-Xylene	ND		ug/L	0.50	5.0	1	EPA SW846-8260B	10/27/2011 20:27	10/27/2011 20:27	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.55	10	1	EPA SW846-8260B	10/27/2011 20:27	10/27/2011 20:27	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.25	5.0	1	EPA SW846-8260B	10/27/2011 20:27	10/27/2011 20:27	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	10/27/2011 20:27	10/27/2011 20:27	SS
100-42-5	Styrene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	10/27/2011 20:27	10/27/2011 20:27	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.46	5.0	1	EPA SW846-8260B	10/27/2011 20:27	10/27/2011 20:27	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	10/27/2011 20:27	10/27/2011 20:27	SS
108-88-3	Toluene	ND		ug/L	0.23	5.0	1	EPA SW846-8260B	10/27/2011 20:27	10/27/2011 20:27	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.65	5.0	1	EPA SW846-8260B	10/27/2011 20:27	10/27/2011 20:27	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	10/27/2011 20:27	10/27/2011 20:27	SS
79-01-6	Trichloroethylene	6.1		ug/L	0.57	5.0	1	EPA SW846-8260B	10/27/2011 20:27	10/27/2011 20:27	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.91	5.0	1	EPA SW846-8260B	10/27/2011 20:27	10/27/2011 20:27	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.97	5.0	1	EPA SW846-8260B	10/27/2011 20:27	10/27/2011 20:27	SS
1330-20-7	Xylenes, Total	ND		ug/L	1.0	15	1	EPA SW846-8260B	10/27/2011 20:27	10/27/2011 20:27	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	94.7 %	75.7-121								
460-00-4	Surrogate: p-Bromofluorobenzene	88.6 %	71.3-131								
2037-26-5	Surrogate: Toluene-d8	103 %	86.7-112								

Metals, Priority Pollutant

Sample Notes:

Sample Prepared by Method: EPA SW 846-3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	2	5	1	EPA SW846-6010B	10/25/2011 09:31	10/25/2011 13:09	MW
7440-38-2	Arsenic	ND		ug/L	1	10	1	EPA SW846-6010B	10/25/2011 09:31	10/25/2011 13:09	MW
7440-41-7	Beryllium	ND		ug/L	0.9	1	1	EPA SW846-6010B	10/25/2011 09:31	10/25/2011 13:09	MW
7440-43-9	Cadmium	ND		ug/L	1	3	1	EPA SW846-6010B	10/25/2011 09:31	10/25/2011 13:09	MW
7440-47-3	Chromium	ND		ug/L	0.9	5	1	EPA SW846-6010B	10/25/2011 09:31	10/25/2011 13:09	MW
7440-50-8	Copper	7		ug/L	2	5	1	EPA SW846-6010B	10/25/2011 09:31	10/25/2011 13:09	MW
7439-92-1	Lead	6		ug/L	1	3	1	EPA SW846-6010B	10/25/2011 09:31	10/25/2011 13:09	MW
7440-02-0	Nickel	5		ug/L	0.8	5	1	EPA SW846-6010B	10/25/2011 09:31	10/25/2011 13:09	MW
7782-49-2	Selenium	ND		ug/L	2	10	1	EPA SW846-6010B	10/25/2011 09:31	10/25/2011 13:09	MW
7440-22-4	Silver	ND		ug/L	1	5	1	EPA SW846-6010B	10/25/2011 09:31	10/25/2011 13:09	MW

Sample Information

Client Sample ID: KC-MW-5 1011

York Sample ID: 11J0711-05

York Project (SDG) No.
11J0711

Client Project ID
41103.00 Kingston CVS

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Water

Collection Date/Time
October 20, 2011 5:15 pm

Date Received
10/21/2011

Metals, Priority Pollutant

Sample Notes:

Sample Prepared by Method: EPA SW 846-3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-28-0	Thallium	ND		ug/L	2	10	1	EPA SW846-6010B	10/25/2011 09:31	10/25/2011 13:09	MW
7440-66-6	Zinc	25		ug/L	0.9	20	1	EPA SW846-6010B	10/25/2011 09:31	10/25/2011 13:09	MW

Mercury by 7470/7471

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		ug/L	0.04	0.2	1	EPA SW846-7470	10/26/2011 16:11	10/26/2011 16:11	AA

Sample Information

Client Sample ID: KC-MW-DUP 1011

York Sample ID: 11J0711-06

York Project (SDG) No.
11J0711

Client Project ID
41103.00 Kingston CVS

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Water

Collection Date/Time
October 20, 2011 12:01 am

Date Received
10/21/2011

Volatile Organics, 8260 List

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
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	10/27/2011 21:06	10/27/2011 21:06	SS
71-55-6	1,1,1-Trichloroethane	2.8	J	ug/L	0.95	5.0	1	EPA SW846-8260B	10/27/2011 21:06	10/27/2011 21:06	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.57	5.0	1	EPA SW846-8260B	10/27/2011 21:06	10/27/2011 21:06	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.60	5.0	1	EPA SW846-8260B	10/27/2011 21:06	10/27/2011 21:06	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	10/27/2011 21:06	10/27/2011 21:06	SS
75-34-3	1,1-Dichloroethane	5.8		ug/L	0.69	5.0	1	EPA SW846-8260B	10/27/2011 21:06	10/27/2011 21:06	SS
75-35-4	1,1-Dichloroethylene	3.4	J	ug/L	1.3	5.0	1	EPA SW846-8260B	10/27/2011 21:06	10/27/2011 21:06	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	10/27/2011 21:06	10/27/2011 21:06	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.37	10	1	EPA SW846-8260B	10/27/2011 21:06	10/27/2011 21:06	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	1.1	5.0	1	EPA SW846-8260B	10/27/2011 21:06	10/27/2011 21:06	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.48	10	1	EPA SW846-8260B	10/27/2011 21:06	10/27/2011 21:06	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.53	5.0	1	EPA SW846-8260B	10/27/2011 21:06	10/27/2011 21:06	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	1.3	10	1	EPA SW846-8260B	10/27/2011 21:06	10/27/2011 21:06	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	10/27/2011 21:06	10/27/2011 21:06	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B	10/27/2011 21:06	10/27/2011 21:06	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.65	5.0	1	EPA SW846-8260B	10/27/2011 21:06	10/27/2011 21:06	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.22	5.0	1	EPA SW846-8260B	10/27/2011 21:06	10/27/2011 21:06	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.37	5.0	1	EPA SW846-8260B	10/27/2011 21:06	10/27/2011 21:06	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.47	5.0	1	EPA SW846-8260B	10/27/2011 21:06	10/27/2011 21:06	SS

Sample Information

Client Sample ID: KC-MW-DUP 1011

York Sample ID: 11J0711-06

York Project (SDG) No.
11J0711

Client Project ID
41103.00 Kingston CVS

Matrix
Water

Collection Date/Time
October 20, 2011 12:01 am

Date Received
10/21/2011

Volatile Organics, 8260 List

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
142-28-9	1,3-Dichloropropane	ND		ug/L	0.69	5.0	1	EPA SW846-8260B	10/27/2011 21:06	10/27/2011 21:06	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	10/27/2011 21:06	10/27/2011 21:06	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.96	5.0	1	EPA SW846-8260B	10/27/2011 21:06	10/27/2011 21:06	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	10/27/2011 21:06	10/27/2011 21:06	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	10/27/2011 21:06	10/27/2011 21:06	SS
71-43-2	Benzene	ND		ug/L	0.48	5.0	1	EPA SW846-8260B	10/27/2011 21:06	10/27/2011 21:06	SS
108-86-1	Bromobenzene	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	10/27/2011 21:06	10/27/2011 21:06	SS
74-97-5	Bromochloromethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	10/27/2011 21:06	10/27/2011 21:06	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.62	5.0	1	EPA SW846-8260B	10/27/2011 21:06	10/27/2011 21:06	SS
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	10/27/2011 21:06	10/27/2011 21:06	SS
74-83-9	Bromomethane	ND		ug/L	1.2	5.0	1	EPA SW846-8260B	10/27/2011 21:06	10/27/2011 21:06	SS
56-23-5	Carbon tetrachloride	ND		ug/L	1.0	5.0	1	EPA SW846-8260B	10/27/2011 21:06	10/27/2011 21:06	SS
108-90-7	Chlorobenzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	10/27/2011 21:06	10/27/2011 21:06	SS
75-00-3	Chloroethane	ND		ug/L	0.76	5.0	1	EPA SW846-8260B	10/27/2011 21:06	10/27/2011 21:06	SS
67-66-3	Chloroform	ND		ug/L	0.36	5.0	1	EPA SW846-8260B	10/27/2011 21:06	10/27/2011 21:06	SS
74-87-3	Chloromethane	ND		ug/L	0.89	5.0	1	EPA SW846-8260B	10/27/2011 21:06	10/27/2011 21:06	SS
156-59-2	cis-1,2-Dichloroethylene	1300		ug/L	9.6	50	10	EPA SW846-8260B	10/27/2011 21:06	11/01/2011 00:35	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	10/27/2011 21:06	10/27/2011 21:06	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.67	5.0	1	EPA SW846-8260B	10/27/2011 21:06	10/27/2011 21:06	SS
74-95-3	Dibromomethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	10/27/2011 21:06	10/27/2011 21:06	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.83	5.0	1	EPA SW846-8260B	10/27/2011 21:06	10/27/2011 21:06	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	10/27/2011 21:06	10/27/2011 21:06	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	10/27/2011 21:06	10/27/2011 21:06	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.39	5.0	1	EPA SW846-8260B	10/27/2011 21:06	10/27/2011 21:06	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.38	5.0	1	EPA SW846-8260B	10/27/2011 21:06	10/27/2011 21:06	SS
75-09-2	Methylene chloride	4.4	J, B	ug/L	1.1	10	1	EPA SW846-8260B	10/27/2011 21:06	10/27/2011 21:06	SS
91-20-3	Naphthalene	ND		ug/L	0.50	10	1	EPA SW846-8260B	10/27/2011 21:06	10/27/2011 21:06	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.32	5.0	1	EPA SW846-8260B	10/27/2011 21:06	10/27/2011 21:06	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	10/27/2011 21:06	10/27/2011 21:06	SS
95-47-6	o-Xylene	ND		ug/L	0.50	5.0	1	EPA SW846-8260B	10/27/2011 21:06	10/27/2011 21:06	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.55	10	1	EPA SW846-8260B	10/27/2011 21:06	10/27/2011 21:06	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.25	5.0	1	EPA SW846-8260B	10/27/2011 21:06	10/27/2011 21:06	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	10/27/2011 21:06	10/27/2011 21:06	SS
100-42-5	Styrene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	10/27/2011 21:06	10/27/2011 21:06	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.46	5.0	1	EPA SW846-8260B	10/27/2011 21:06	10/27/2011 21:06	SS

Sample Information

Client Sample ID: KC-MW-DUP 1011

York Sample ID: 11J0711-06

York Project (SDG) No.
11J0711

Client Project ID
41103.00 Kingston CVS

Matrix
Water

Collection Date/Time
October 20, 2011 12:01 am

Date Received
10/21/2011

Volatile Organics, 8260 List

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
127-18-4	Tetrachloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	10/27/2011 21:06	10/27/2011 21:06	SS
108-88-3	Toluene	ND		ug/L	0.23	5.0	1	EPA SW846-8260B	10/27/2011 21:06	10/27/2011 21:06	SS
156-60-5	trans-1,2-Dichloroethylene	24		ug/L	0.65	5.0	1	EPA SW846-8260B	10/27/2011 21:06	10/27/2011 21:06	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	10/27/2011 21:06	10/27/2011 21:06	SS
79-01-6	Trichloroethylene	180		ug/L	5.7	50	10	EPA SW846-8260B	10/27/2011 21:06	11/01/2011 00:35	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.91	5.0	1	EPA SW846-8260B	10/27/2011 21:06	10/27/2011 21:06	SS
75-01-4	Vinyl Chloride	110		ug/L	0.97	5.0	1	EPA SW846-8260B	10/27/2011 21:06	10/27/2011 21:06	SS
1330-20-7	Xylenes, Total	ND		ug/L	1.0	15	1	EPA SW846-8260B	10/27/2011 21:06	10/27/2011 21:06	SS
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	<i>Surrogate: 1,2-Dichloroethane-d4</i>	92.9 %		75.7-121							
460-00-4	<i>Surrogate: p-Bromofluorobenzene</i>	88.1 %		71.3-131							
2037-26-5	<i>Surrogate: Toluene-d8</i>	103 %		86.7-112							

Metals, Priority Pollutant

Sample Notes:

Sample Prepared by Method: EPA SW 846-3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	5		ug/L	2	5	1	EPA SW846-6010B	10/25/2011 09:31	10/25/2011 13:14	MW
7440-38-2	Arsenic	ND		ug/L	1	10	1	EPA SW846-6010B	10/25/2011 09:31	10/25/2011 13:14	MW
7440-41-7	Beryllium	ND		ug/L	0.9	1	1	EPA SW846-6010B	10/25/2011 09:31	10/25/2011 13:14	MW
7440-43-9	Cadmium	126		ug/L	1	3	1	EPA SW846-6010B	10/25/2011 09:31	10/25/2011 13:14	MW
7440-47-3	Chromium	32		ug/L	0.9	5	1	EPA SW846-6010B	10/25/2011 09:31	10/25/2011 13:14	MW
7440-50-8	Copper	18		ug/L	2	5	1	EPA SW846-6010B	10/25/2011 09:31	10/25/2011 13:14	MW
7439-92-1	Lead	6		ug/L	1	3	1	EPA SW846-6010B	10/25/2011 09:31	10/25/2011 13:14	MW
7440-02-0	Nickel	703		ug/L	0.8	5	1	EPA SW846-6010B	10/25/2011 09:31	10/25/2011 13:14	MW
7782-49-2	Selenium	ND		ug/L	2	10	1	EPA SW846-6010B	10/25/2011 09:31	10/25/2011 13:14	MW
7440-22-4	Silver	ND		ug/L	1	5	1	EPA SW846-6010B	10/25/2011 09:31	10/25/2011 13:14	MW
7440-28-0	Thallium	ND		ug/L	2	10	1	EPA SW846-6010B	10/25/2011 09:31	10/25/2011 13:14	MW
7440-66-6	Zinc	244		ug/L	0.9	20	1	EPA SW846-6010B	10/25/2011 09:31	10/25/2011 13:14	MW

Sample Information

Client Sample ID: KC-MW-DUP 1011

York Sample ID: 11J0711-06

York Project (SDG) No.
11J0711

Client Project ID
41103.00 Kingston CVS

Matrix
Water

Collection Date/Time
October 20, 2011 12:01 am

Date Received
10/21/2011

Mercury by 7470/7471

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		ug/L	0.04	0.2	1	EPA SW846-7470	10/26/2011 16:11	10/26/2011 16:11	AA

Sample Information

Client Sample ID: TRIP BLANK 1011

York Sample ID: 11J0711-07

York Project (SDG) No.
11J0711

Client Project ID
41103.00 Kingston CVS

Matrix
Water

Collection Date/Time
October 20, 2011 10:30 am

Date Received
10/21/2011

Volatile Organics, 8260 List

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
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	10/27/2011 21:44	10/27/2011 21:44	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.95	5.0	1	EPA SW846-8260B	10/27/2011 21:44	10/27/2011 21:44	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.57	5.0	1	EPA SW846-8260B	10/27/2011 21:44	10/27/2011 21:44	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.60	5.0	1	EPA SW846-8260B	10/27/2011 21:44	10/27/2011 21:44	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	10/27/2011 21:44	10/27/2011 21:44	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.69	5.0	1	EPA SW846-8260B	10/27/2011 21:44	10/27/2011 21:44	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	10/27/2011 21:44	10/27/2011 21:44	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	10/27/2011 21:44	10/27/2011 21:44	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.37	10	1	EPA SW846-8260B	10/27/2011 21:44	10/27/2011 21:44	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	1.1	5.0	1	EPA SW846-8260B	10/27/2011 21:44	10/27/2011 21:44	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.48	10	1	EPA SW846-8260B	10/27/2011 21:44	10/27/2011 21:44	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.53	5.0	1	EPA SW846-8260B	10/27/2011 21:44	10/27/2011 21:44	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	1.3	10	1	EPA SW846-8260B	10/27/2011 21:44	10/27/2011 21:44	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	10/27/2011 21:44	10/27/2011 21:44	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B	10/27/2011 21:44	10/27/2011 21:44	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.65	5.0	1	EPA SW846-8260B	10/27/2011 21:44	10/27/2011 21:44	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.22	5.0	1	EPA SW846-8260B	10/27/2011 21:44	10/27/2011 21:44	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.37	5.0	1	EPA SW846-8260B	10/27/2011 21:44	10/27/2011 21:44	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.47	5.0	1	EPA SW846-8260B	10/27/2011 21:44	10/27/2011 21:44	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.69	5.0	1	EPA SW846-8260B	10/27/2011 21:44	10/27/2011 21:44	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	10/27/2011 21:44	10/27/2011 21:44	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.96	5.0	1	EPA SW846-8260B	10/27/2011 21:44	10/27/2011 21:44	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	10/27/2011 21:44	10/27/2011 21:44	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	10/27/2011 21:44	10/27/2011 21:44	SS

Sample Information

Client Sample ID: TRIP BLANK 1011

York Sample ID: 11J0711-07

York Project (SDG) No.
11J0711

Client Project ID
41103.00 Kingston CVS

Matrix
Water

Collection Date/Time
October 20, 2011 10:30 am

Date Received
10/21/2011

Volatile Organics, 8260 List

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	0.48	5.0	1	EPA SW846-8260B	10/27/2011 21:44	10/27/2011 21:44	SS
108-86-1	Bromobenzene	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	10/27/2011 21:44	10/27/2011 21:44	SS
74-97-5	Bromochloromethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	10/27/2011 21:44	10/27/2011 21:44	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.62	5.0	1	EPA SW846-8260B	10/27/2011 21:44	10/27/2011 21:44	SS
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	10/27/2011 21:44	10/27/2011 21:44	SS
74-83-9	Bromomethane	ND		ug/L	1.2	5.0	1	EPA SW846-8260B	10/27/2011 21:44	10/27/2011 21:44	SS
56-23-5	Carbon tetrachloride	ND		ug/L	1.0	5.0	1	EPA SW846-8260B	10/27/2011 21:44	10/27/2011 21:44	SS
108-90-7	Chlorobenzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	10/27/2011 21:44	10/27/2011 21:44	SS
75-00-3	Chloroethane	ND		ug/L	0.76	5.0	1	EPA SW846-8260B	10/27/2011 21:44	10/27/2011 21:44	SS
67-66-3	Chloroform	ND		ug/L	0.36	5.0	1	EPA SW846-8260B	10/27/2011 21:44	10/27/2011 21:44	SS
74-87-3	Chloromethane	ND		ug/L	0.89	5.0	1	EPA SW846-8260B	10/27/2011 21:44	10/27/2011 21:44	SS
156-59-2	cis-1,2-Dichloroethylene	1.3	J	ug/L	0.96	5.0	1	EPA SW846-8260B	10/27/2011 21:44	10/27/2011 21:44	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	10/27/2011 21:44	10/27/2011 21:44	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.67	5.0	1	EPA SW846-8260B	10/27/2011 21:44	10/27/2011 21:44	SS
74-95-3	Dibromomethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	10/27/2011 21:44	10/27/2011 21:44	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.83	5.0	1	EPA SW846-8260B	10/27/2011 21:44	10/27/2011 21:44	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	10/27/2011 21:44	10/27/2011 21:44	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	10/27/2011 21:44	10/27/2011 21:44	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.39	5.0	1	EPA SW846-8260B	10/27/2011 21:44	10/27/2011 21:44	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.38	5.0	1	EPA SW846-8260B	10/27/2011 21:44	10/27/2011 21:44	SS
75-09-2	Methylene chloride	4.6	J, B	ug/L	1.1	10	1	EPA SW846-8260B	10/27/2011 21:44	10/27/2011 21:44	SS
91-20-3	Naphthalene	ND		ug/L	0.50	10	1	EPA SW846-8260B	10/27/2011 21:44	10/27/2011 21:44	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.32	5.0	1	EPA SW846-8260B	10/27/2011 21:44	10/27/2011 21:44	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	10/27/2011 21:44	10/27/2011 21:44	SS
95-47-6	o-Xylene	ND		ug/L	0.50	5.0	1	EPA SW846-8260B	10/27/2011 21:44	10/27/2011 21:44	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.55	10	1	EPA SW846-8260B	10/27/2011 21:44	10/27/2011 21:44	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.25	5.0	1	EPA SW846-8260B	10/27/2011 21:44	10/27/2011 21:44	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	10/27/2011 21:44	10/27/2011 21:44	SS
100-42-5	Styrene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	10/27/2011 21:44	10/27/2011 21:44	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.46	5.0	1	EPA SW846-8260B	10/27/2011 21:44	10/27/2011 21:44	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	10/27/2011 21:44	10/27/2011 21:44	SS
108-88-3	Toluene	ND		ug/L	0.23	5.0	1	EPA SW846-8260B	10/27/2011 21:44	10/27/2011 21:44	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.65	5.0	1	EPA SW846-8260B	10/27/2011 21:44	10/27/2011 21:44	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	10/27/2011 21:44	10/27/2011 21:44	SS
79-01-6	Trichloroethylene	ND		ug/L	0.57	5.0	1	EPA SW846-8260B	10/27/2011 21:44	10/27/2011 21:44	SS

Sample Information

Client Sample ID: TRIP BLANK 1011

York Sample ID: 11J0711-07

York Project (SDG) No.
11J0711

Client Project ID
41103.00 Kingston CVS

Matrix
Water

Collection Date/Time
October 20, 2011 10:30 am

Date Received
10/21/2011

Volatile Organics, 8260 List

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
75-69-4	Trichlorofluoromethane	ND		ug/L	0.91	5.0	1	EPA SW846-8260B	10/27/2011 21:44	10/27/2011 21:44	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.97	5.0	1	EPA SW846-8260B	10/27/2011 21:44	10/27/2011 21:44	SS
1330-20-7	Xylenes, Total	ND		ug/L	1.0	15	1	EPA SW846-8260B	10/27/2011 21:44	10/27/2011 21:44	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	93.0 %			75.7-121						
460-00-4	Surrogate: p-Bromofluorobenzene	92.0 %			71.3-131						
2037-26-5	Surrogate: Toluene-d8	105 %			86.7-112						

Analytical Batch Summary

Batch ID: BJ10943 **Preparation Method:** EPA SW 846-3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
11J0711-01	KC-MW-1 1011	10/25/11
11J0711-02	KC-MW-2 1011	10/25/11
11J0711-03	KC-MW-3 1011	10/25/11
11J0711-04	KC-MW-4 1011	10/25/11
11J0711-05	KC-MW-5 1011	10/25/11
11J0711-06	KC-MW-DUP 1011	10/25/11
BJ10943-BLK1	Blank	10/25/11
BJ10943-DUP1	Duplicate	10/25/11
BJ10943-MS1	Matrix Spike	10/25/11
BJ10943-SRM1	Reference	10/25/11

Batch ID: BJ10998 **Preparation Method:** EPA SW846-7470 **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
11J0711-01	KC-MW-1 1011	10/26/11
11J0711-02	KC-MW-2 1011	10/26/11
11J0711-03	KC-MW-3 1011	10/26/11
11J0711-04	KC-MW-4 1011	10/26/11
11J0711-05	KC-MW-5 1011	10/26/11
11J0711-06	KC-MW-DUP 1011	10/26/11
BJ10998-BLK1	Blank	10/26/11
BJ10998-BS1	LCS	10/26/11
BJ10998-DUP1	Duplicate	10/26/11
BJ10998-MS1	Matrix Spike	10/26/11

Batch ID: BJ11083 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
11J0711-02	KC-MW-2 1011	10/27/11
11J0711-03	KC-MW-3 1011	10/27/11
11J0711-04	KC-MW-4 1011	10/27/11
11J0711-05	KC-MW-5 1011	10/27/11
11J0711-07	TRIP BLANK 1011	10/27/11
BJ11083-BLK1	Blank	10/27/11
BJ11083-BS1	LCS	10/27/11
BJ11083-BSD1	LCS Dup	10/27/11

Batch ID: BJ11196 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
11J0711-01	KC-MW-1 1011	10/27/11
11J0711-06	KC-MW-DUP 1011	10/27/11
BJ11196-BLK1	Blank	10/31/11
BJ11196-BS1	LCS	10/31/11
BJ11196-BSD1	LCS Dup	10/31/11

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BJ11083 - EPA 5030B

Blank (BJ11083-BLK1)

Prepared & Analyzed: 10/27/2011

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

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BJ11083 - EPA 5030B

Blank (BJ11083-BLK1)

Prepared & Analyzed: 10/27/2011

tert-Butylbenzene	ND	5.0	ug/L								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>46.6</i>		<i>"</i>	<i>50.0</i>		<i>93.1</i>	<i>75.7-121</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>44.8</i>		<i>"</i>	<i>50.0</i>		<i>89.5</i>	<i>71.3-131</i>				
<i>Surrogate: Toluene-d8</i>	<i>52.2</i>		<i>"</i>	<i>50.0</i>		<i>104</i>	<i>86.7-112</i>				

LCS (BJ11083-BS1)

Prepared & Analyzed: 10/27/2011

1,1,1,2-Tetrachloroethane	54		ug/L	50.0		107	82.3-130				
1,1,1-Trichloroethane	51		"	50.0		103	75.6-137				
1,1,2,2-Tetrachloroethane	55		"	50.0		109	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	47		"	50.0		93.5	71.1-129				
1,1,2-Trichloroethane	55		"	50.0		110	74.5-129				
1,1-Dichloroethane	54		"	50.0		108	79.6-132				
1,1-Dichloroethylene	47		"	50.0		94.8	80.2-146				
1,1-Dichloropropylene	55		"	50.0		110	75-136				
1,2,3-Trichlorobenzene	55		"	50.0		110	66.1-136				
1,2,3-Trichloropropane	53		"	50.0		105	63-131				
1,2,4-Trichlorobenzene	54		"	50.0		108	70.6-136				
1,2,4-Trimethylbenzene	58		"	50.0		117	75.3-135				
1,2-Dibromo-3-chloropropane	55		"	50.0		109	58.9-140				
1,2-Dibromoethane	58		"	50.0		116	79-130				
1,2-Dichlorobenzene	52		"	50.0		105	76.1-122				
1,2-Dichloroethane	52		"	50.0		104	74.6-132				
1,2-Dichloropropane	57		"	50.0		113	76.9-129				
1,3,5-Trimethylbenzene	56		"	50.0		112	70.6-127				
1,3-Dichlorobenzene	51		"	50.0		102	77-124				
1,3-Dichloropropane	57		"	50.0		114	75.8-126				
1,4-Dichlorobenzene	52		"	50.0		105	76.6-125				
2,2-Dichloropropane	46		"	50.0		92.1	69-133				
2-Chlorotoluene	52		"	50.0		104	66.3-119				
4-Chlorotoluene	54		"	50.0		108	69.2-127				
Benzene	54		"	50.0		107	76.2-129				
Bromobenzene	53		"	50.0		106	71.3-123				
Bromochloromethane	54		"	50.0		109	70.8-137				
Bromodichloromethane	57		"	50.0		115	79.7-134				
Bromoform	53		"	50.0		106	70.5-141				
Bromomethane	35		"	50.0		69.6	43.9-147				
Carbon tetrachloride	51		"	50.0		101	78.1-138				
Chlorobenzene	54		"	50.0		109	80.4-125				
Chloroethane	47		"	50.0		94.3	55.8-140				
Chloroform	52		"	50.0		104	76.6-133				
Chloromethane	38		"	50.0		75.1	48.8-115				
cis-1,2-Dichloroethylene	48		"	50.0		95.1	75.1-128				
cis-1,3-Dichloropropylene	54		"	50.0		107	74.5-128				
Dibromochloromethane	54		"	50.0		108	79.8-134				
Dibromomethane	58		"	50.0		117	79-130				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BJ11083 - EPA 5030B

LCS (BJ11083-BS1)

Prepared & Analyzed: 10/27/2011

Dichlorodifluoromethane	32		ug/L	50.0		63.9	47.1-101				
Ethyl Benzene	58		"	50.0		116	80.8-128				
Hexachlorobutadiene	50		"	50.0		99.2	64.8-128				
Isopropylbenzene	58		"	50.0		115	75.5-135				
Methyl tert-butyl ether (MTBE)	52		"	50.0		105	65.1-140				
Methylene chloride	42		"	50.0		84.0	61.3-120				
Naphthalene	59		"	50.0		117	62.3-148				
n-Butylbenzene	54		"	50.0		108	67.2-123				
n-Propylbenzene	55		"	50.0		110	70.5-127				
o-Xylene	54		"	50.0		107	75.9-122				
p- & m- Xylenes	110		"	100		112	77.7-127				
p-Isopropyltoluene	55		"	50.0		111	75.6-129				
sec-Butylbenzene	54		"	50.0		109	71.5-125				
Styrene	54		"	50.0		109	77.8-123				
tert-Butylbenzene	61		"	50.0		122	75.9-151				
Tetrachloroethylene	58		"	50.0		116	63.6-167				
Toluene	56		"	50.0		112	77-123				
trans-1,2-Dichloroethylene	54		"	50.0		107	76.3-139				
trans-1,3-Dichloropropylene	54		"	50.0		108	72.5-137				
Trichloroethylene	55		"	50.0		110	77.9-130				
Trichlorofluoromethane	43		"	50.0		86.3	57.4-133				
Vinyl Chloride	42		"	50.0		84.1	54.9-124				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>48.8</i>		<i>"</i>	<i>50.0</i>		<i>97.7</i>	<i>75.7-121</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>47.3</i>		<i>"</i>	<i>50.0</i>		<i>94.6</i>	<i>71.3-131</i>				
<i>Surrogate: Toluene-d8</i>	<i>52.0</i>		<i>"</i>	<i>50.0</i>		<i>104</i>	<i>86.7-112</i>				

LCS Dup (BJ11083-BSD1)

Prepared & Analyzed: 10/27/2011

1,1,1,2-Tetrachloroethane	55		ug/L	50.0		110	82.3-130		2.36	21.1	
1,1,1-Trichloroethane	53		"	50.0		107	75.6-137		3.78	19.7	
1,1,2,2-Tetrachloroethane	54		"	50.0		108	71.3-131		1.29	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	51		"	50.0		102	71.1-129		8.62	21.7	
1,1,2-Trichloroethane	55		"	50.0		111	74.5-129		0.435	20.3	
1,1-Dichloroethane	56		"	50.0		111	79.6-132		2.91	20.6	
1,1-Dichloroethylene	49		"	50.0		98.4	80.2-146		3.73	20	
1,1-Dichloropropylene	56		"	50.0		112	75-136		1.17	19.3	
1,2,3-Trichlorobenzene	53		"	50.0		106	66.1-136		3.92	21.6	
1,2,3-Trichloropropane	51		"	50.0		102	63-131		3.50	23.9	
1,2,4-Trichlorobenzene	54		"	50.0		107	70.6-136		1.15	21.7	
1,2,4-Trimethylbenzene	58		"	50.0		117	75.3-135		0.137	18.8	
1,2-Dibromo-3-chloropropane	56		"	50.0		111	58.9-140		1.85	27.7	
1,2-Dibromoethane	58		"	50.0		116	79-130		0.137	23	
1,2-Dichlorobenzene	53		"	50.0		106	76.1-122		1.19	19.8	
1,2-Dichloroethane	52		"	50.0		104	74.6-132		0.384	20.2	
1,2-Dichloropropane	58		"	50.0		116	76.9-129		2.37	20.7	
1,3,5-Trimethylbenzene	55		"	50.0		110	70.6-127		2.18	18.9	
1,3-Dichlorobenzene	52		"	50.0		103	77-124		0.662	19.2	
1,3-Dichloropropane	58		"	50.0		115	75.8-126		0.960	22.1	
1,4-Dichlorobenzene	52		"	50.0		105	76.6-125		0.267	18.6	
2,2-Dichloropropane	46		"	50.0		92.5	69-133		0.390	19.8	
2-Chlorotoluene	52		"	50.0		104	66.3-119		0.00	21.6	
4-Chlorotoluene	55		"	50.0		110	69.2-127		1.47	19	
Benzene	54		"	50.0		108	76.2-129		0.855	19	
Bromobenzene	54		"	50.0		108	71.3-123		1.21	20.3	

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BJ11083 - EPA 5030B

LCS Dup (BJ11083-BSD1)

Prepared & Analyzed: 10/27/2011

Bromochloromethane	56		ug/L	50.0		112	70.8-137		2.70	23.9	
Bromodichloromethane	57		"	50.0		115	79.7-134		0.314	21	
Bromoform	52		"	50.0		104	70.5-141		1.28	21.8	
Bromomethane	41		"	50.0		81.9	43.9-147		16.2	28.4	
Carbon tetrachloride	52		"	50.0		103	78.1-138		1.80	20.1	
Chlorobenzene	56		"	50.0		112	80.4-125		3.08	19.9	
Chloroethane	50		"	50.0		99.2	55.8-140		5.07	23.3	
Chloroform	53		"	50.0		106	76.6-133		1.77	20.3	
Chloromethane	40		"	50.0		79.1	48.8-115		5.14	24.5	
cis-1,2-Dichloroethylene	48		"	50.0		96.9	75.1-128		1.85	20.5	
cis-1,3-Dichloropropylene	55		"	50.0		110	74.5-128		2.16	19.9	
Dibromochloromethane	55		"	50.0		110	79.8-134		2.16	21.3	
Dibromomethane	59		"	50.0		117	79-130		0.428	22.4	
Dichlorodifluoromethane	34		"	50.0		68.9	47.1-101		7.53	23.9	
Ethyl Benzene	60		"	50.0		119	80.8-128		3.23	19.2	
Hexachlorobutadiene	50		"	50.0		100	64.8-128		0.803	20.6	
Isopropylbenzene	58		"	50.0		117	75.5-135		1.00	20	
Methyl tert-butyl ether (MTBE)	53		"	50.0		106	65.1-140		1.33	23.6	
Methylene chloride	44		"	50.0		88.0	61.3-120		4.68	20.4	
Naphthalene	56		"	50.0		112	62.3-148		4.16	27.1	
n-Butylbenzene	54		"	50.0		108	67.2-123		0.334	19.1	
n-Propylbenzene	56		"	50.0		113	70.5-127		2.98	23.4	
o-Xylene	56		"	50.0		111	75.9-122		3.42	19.3	
p- & m- Xylenes	120		"	100		115	77.7-127		2.99	18.6	
p-Isopropyltoluene	56		"	50.0		113	75.6-129		1.70	19.1	
sec-Butylbenzene	54		"	50.0		108	71.5-125		0.718	18.9	
Styrene	55		"	50.0		111	77.8-123		1.68	20.9	
tert-Butylbenzene	67		"	50.0		134	75.9-151		9.63	20.9	
Tetrachloroethylene	61		"	50.0		122	63.6-167		4.82	27.7	
Toluene	58		"	50.0		116	77-123		3.24	18.7	
trans-1,2-Dichloroethylene	56		"	50.0		111	76.3-139		3.63	19.5	
trans-1,3-Dichloropropylene	55		"	50.0		111	72.5-137		2.80	19.3	
Trichloroethylene	57		"	50.0		115	77.9-130		4.04	20.5	
Trichlorofluoromethane	46		"	50.0		93.0	57.4-133		7.48	21.4	
Vinyl Chloride	44		"	50.0		88.2	54.9-124		4.76	22.3	
Surrogate: 1,2-Dichloroethane-d4	49.2		"	50.0		98.5	75.7-121				
Surrogate: p-Bromofluorobenzene	47.0		"	50.0		94.0	71.3-131				
Surrogate: Toluene-d8	52.1		"	50.0		104	86.7-112				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ11196 - EPA 5030B											
Blank (BJ11196-BLK1)											
										Prepared & Analyzed: 10/31/2011	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,1-Dichloropropylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	10	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	10	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	10	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,3-Dichloropropane	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
2,2-Dichloropropane	ND	5.0	"								
2-Chlorotoluene	ND	5.0	"								
4-Chlorotoluene	ND	5.0	"								
Benzene	ND	5.0	"								
Bromobenzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	3.5	10	"								
Naphthalene	ND	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BJ11196 - EPA 5030B

Blank (BJ11196-BLK1)

Prepared & Analyzed: 10/31/2011

tert-Butylbenzene	ND	5.0	ug/L
Tetrachloroethylene	ND	5.0	"
Toluene	ND	5.0	"
trans-1,2-Dichloroethylene	ND	5.0	"
trans-1,3-Dichloropropylene	ND	5.0	"
Trichloroethylene	ND	5.0	"
Trichlorofluoromethane	ND	5.0	"
Vinyl Chloride	ND	5.0	"
Xylenes, Total	ND	15	"

Surrogate: 1,2-Dichloroethane-d4	48.7	"	50.0	97.4	75.7-121
Surrogate: p-Bromofluorobenzene	43.4	"	50.0	86.8	71.3-131
Surrogate: Toluene-d8	52.6	"	50.0	105	86.7-112

LCS (BJ11196-BS1)

Prepared & Analyzed: 10/31/2011

1,1,1,2-Tetrachloroethane	51	ug/L	50.0	103	82.3-130	High Bias
1,1,1-Trichloroethane	49	"	50.0	98.5	75.6-137	
1,1,2,2-Tetrachloroethane	58	"	50.0	115	71.3-131	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	47	"	50.0	94.0	71.1-129	
1,1,2-Trichloroethane	56	"	50.0	111	74.5-129	
1,1-Dichloroethane	54	"	50.0	107	79.6-132	
1,1-Dichloroethylene	48	"	50.0	96.4	80.2-146	
1,1-Dichloropropylene	54	"	50.0	108	75-136	
1,2,3-Trichlorobenzene	52	"	50.0	105	66.1-136	
1,2,3-Trichloropropane	51	"	50.0	103	63-131	
1,2,4-Trichlorobenzene	51	"	50.0	101	70.6-136	
1,2,4-Trimethylbenzene	59	"	50.0	118	75.3-135	
1,2-Dibromo-3-chloropropane	58	"	50.0	117	58.9-140	
1,2-Dibromoethane	57	"	50.0	114	79-130	
1,2-Dichlorobenzene	51	"	50.0	103	76.1-122	
1,2-Dichloroethane	50	"	50.0	99.4	74.6-132	
1,2-Dichloropropane	58	"	50.0	117	76.9-129	
1,3,5-Trimethylbenzene	56	"	50.0	112	70.6-127	
1,3-Dichlorobenzene	49	"	50.0	98.7	77-124	
1,3-Dichloropropane	58	"	50.0	117	75.8-126	
1,4-Dichlorobenzene	51	"	50.0	102	76.6-125	
2,2-Dichloropropane	66	"	50.0	131	69-133	
2-Chlorotoluene	54	"	50.0	108	66.3-119	
4-Chlorotoluene	56	"	50.0	112	69.2-127	
Benzene	53	"	50.0	106	76.2-129	
Bromobenzene	56	"	50.0	112	71.3-123	
Bromochloromethane	56	"	50.0	111	70.8-137	
Bromodichloromethane	57	"	50.0	114	79.7-134	
Bromoform	50	"	50.0	101	70.5-141	
Bromomethane	39	"	50.0	77.0	43.9-147	
Carbon tetrachloride	47	"	50.0	94.4	78.1-138	
Chlorobenzene	55	"	50.0	110	80.4-125	
Chloroethane	47	"	50.0	94.3	55.8-140	
Chloroform	52	"	50.0	104	76.6-133	
Chloromethane	42	"	50.0	83.9	48.8-115	
cis-1,2-Dichloroethylene	90	"	50.0	180	75.1-128	
cis-1,3-Dichloropropylene	53	"	50.0	105	74.5-128	
Dibromochloromethane	52	"	50.0	105	79.8-134	
Dibromomethane	58	"	50.0	115	79-130	

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BJ11196 - EPA 5030B

LCS (BJ11196-BS1)

Prepared & Analyzed: 10/31/2011

Dichlorodifluoromethane	37		ug/L	50.0		73.3	47.1-101				
Ethyl Benzene	59		"	50.0		118	80.8-128				
Hexachlorobutadiene	42		"	50.0		85.0	64.8-128				
Isopropylbenzene	59		"	50.0		118	75.5-135				
Methyl tert-butyl ether (MTBE)	50		"	50.0		100	65.1-140				
Methylene chloride	39		"	50.0		78.3	61.3-120				
Naphthalene	64		"	50.0		128	62.3-148				
n-Butylbenzene	56		"	50.0		112	67.2-123				
n-Propylbenzene	58		"	50.0		115	70.5-127				
o-Xylene	54		"	50.0		108	75.9-122				
p- & m- Xylenes	110		"	100		113	77.7-127				
p-Isopropyltoluene	57		"	50.0		114	75.6-129				
sec-Butylbenzene	56		"	50.0		112	71.5-125				
Styrene	54		"	50.0		108	77.8-123				
tert-Butylbenzene	64		"	50.0		129	75.9-151				
Tetrachloroethylene	67		"	50.0		134	63.6-167				
Toluene	57		"	50.0		114	77-123				
trans-1,2-Dichloroethylene	52		"	50.0		105	76.3-139				
trans-1,3-Dichloropropylene	53		"	50.0		105	72.5-137				
Trichloroethylene	56		"	50.0		113	77.9-130				
Trichlorofluoromethane	43		"	50.0		85.6	57.4-133				
Vinyl Chloride	45		"	50.0		90.4	54.9-124				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>47.2</i>		<i>"</i>	<i>50.0</i>		<i>94.4</i>	<i>75.7-121</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>46.1</i>		<i>"</i>	<i>50.0</i>		<i>92.2</i>	<i>71.3-131</i>				
<i>Surrogate: Toluene-d8</i>	<i>52.3</i>		<i>"</i>	<i>50.0</i>		<i>105</i>	<i>86.7-112</i>				

LCS Dup (BJ11196-BSD1)

Prepared & Analyzed: 10/31/2011

1,1,1,2-Tetrachloroethane	51		ug/L	50.0		102	82.3-130		0.724	21.1	
1,1,1-Trichloroethane	50		"	50.0		99.1	75.6-137		0.627	19.7	
1,1,2,2-Tetrachloroethane	57		"	50.0		113	71.3-131		1.91	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	46		"	50.0		91.4	71.1-129		2.85	21.7	
1,1,2-Trichloroethane	56		"	50.0		111	74.5-129		0.126	20.3	
1,1-Dichloroethane	53		"	50.0		105	79.6-132		2.09	20.6	
1,1-Dichloroethylene	47		"	50.0		94.6	80.2-146		1.86	20	
1,1-Dichloropropylene	54		"	50.0		108	75-136		0.130	19.3	
1,2,3-Trichlorobenzene	48		"	50.0		95.2	66.1-136		9.79	21.6	
1,2,3-Trichloropropane	51		"	50.0		102	63-131		0.901	23.9	
1,2,4-Trichlorobenzene	45		"	50.0		89.8	70.6-136		12.2	21.7	
1,2,4-Trimethylbenzene	57		"	50.0		113	75.3-135		4.72	18.8	
1,2-Dibromo-3-chloropropane	56		"	50.0		113	58.9-140		3.49	27.7	
1,2-Dibromoethane	56		"	50.0		113	79-130		0.989	23	
1,2-Dichlorobenzene	49		"	50.0		98.9	76.1-122		3.97	19.8	
1,2-Dichloroethane	49		"	50.0		97.3	74.6-132		2.09	20.2	
1,2-Dichloropropane	58		"	50.0		115	76.9-129		1.17	20.7	
1,3,5-Trimethylbenzene	54		"	50.0		107	70.6-127		4.50	18.9	
1,3-Dichlorobenzene	47		"	50.0		93.5	77-124		5.45	19.2	
1,3-Dichloropropane	57		"	50.0		114	75.8-126		2.36	22.1	
1,4-Dichlorobenzene	48		"	50.0		95.5	76.6-125		6.84	18.6	
2,2-Dichloropropane	64		"	50.0		128	69-133		2.28	19.8	
2-Chlorotoluene	53		"	50.0		106	66.3-119		1.53	21.6	
4-Chlorotoluene	52		"	50.0		105	69.2-127		6.51	19	
Benzene	53		"	50.0		105	76.2-129		0.662	19	
Bromobenzene	54		"	50.0		108	71.3-123		4.22	20.3	

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ11196 - EPA 5030B											
LCS Dup (BJ11196-BSD1)						Prepared & Analyzed: 10/31/2011					
Bromochloromethane	54		ug/L	50.0		108	70.8-137		3.04	23.9	
Bromodichloromethane	56		"	50.0		112	79.7-134		1.78	21	
Bromoform	51		"	50.0		101	70.5-141		0.496	21.8	
Bromomethane	37		"	50.0		73.6	43.9-147		4.54	28.4	
Carbon tetrachloride	46		"	50.0		93.0	78.1-138		1.49	20.1	
Chlorobenzene	54		"	50.0		107	80.4-125		2.32	19.9	
Chloroethane	46		"	50.0		92.6	55.8-140		1.88	23.3	
Chloroform	50		"	50.0		101	76.6-133		2.68	20.3	
Chloromethane	41		"	50.0		82.3	48.8-115		1.88	24.5	
cis-1,2-Dichloroethylene	91		"	50.0		182	75.1-128	High Bias	0.696	20.5	
cis-1,3-Dichloropropylene	51		"	50.0		101	74.5-128		3.76	19.9	
Dibromochloromethane	52		"	50.0		103	79.8-134		1.41	21.3	
Dibromomethane	58		"	50.0		115	79-130		0.0173	22.4	
Dichlorodifluoromethane	36		"	50.0		71.1	47.1-101		3.16	23.9	
Ethyl Benzene	56		"	50.0		113	80.8-128		4.37	19.2	
Hexachlorobutadiene	40		"	50.0		79.8	64.8-128		6.31	20.6	
Isopropylbenzene	57		"	50.0		114	75.5-135		2.96	20	
Methyl tert-butyl ether (MTBE)	49		"	50.0		97.5	65.1-140		2.63	23.6	
Methylene chloride	36		"	50.0		73.0	61.3-120		7.08	20.4	
Naphthalene	61		"	50.0		122	62.3-148		4.33	27.1	
n-Butylbenzene	52		"	50.0		104	67.2-123		7.26	19.1	
n-Propylbenzene	56		"	50.0		111	70.5-127		3.34	23.4	
o-Xylene	53		"	50.0		105	75.9-122		3.17	19.3	
p- & m- Xylenes	110		"	100		109	77.7-127		3.67	18.6	
p-Isopropyltoluene	53		"	50.0		106	75.6-129		6.80	19.1	
sec-Butylbenzene	54		"	50.0		107	71.5-125		4.36	18.9	
Styrene	52		"	50.0		104	77.8-123		3.77	20.9	
tert-Butylbenzene	63		"	50.0		125	75.9-151		2.99	20.9	
Tetrachloroethylene	68		"	50.0		136	63.6-167		2.10	27.7	
Toluene	55		"	50.0		111	77-123		2.81	18.7	
trans-1,2-Dichloroethylene	52		"	50.0		104	76.3-139		1.09	19.5	
trans-1,3-Dichloropropylene	52		"	50.0		104	72.5-137		1.43	19.3	
Trichloroethylene	56		"	50.0		111	77.9-130		1.68	20.5	
Trichlorofluoromethane	42		"	50.0		83.5	57.4-133		2.51	21.4	
Vinyl Chloride	44		"	50.0		88.3	54.9-124		2.40	22.3	
Surrogate: 1,2-Dichloroethane-d4	47.2		"	50.0		94.4	75.7-121				
Surrogate: p-Bromofluorobenzene	45.8		"	50.0		91.6	71.3-131				
Surrogate: Toluene-d8	52.7		"	50.0		105	86.7-112				

Metals by EPA 6000 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BJ10943 - EPA SW 846-3010A

Blank (BJ10943-BLK1)

Prepared & Analyzed: 10/25/2011

Antimony	ND	5.00	ug/L
Arsenic	ND	10.0	"
Beryllium	ND	1.00	"
Cadmium	ND	3.00	"
Chromium	ND	5.00	"
Copper	ND	5.00	"
Lead	ND	3.00	"
Nickel	ND	5.00	"
Selenium	ND	10.0	"
Silver	ND	5.00	"
Thallium	ND	10.0	"
Zinc	ND	20.0	"

Duplicate (BJ10943-DUP1)

*Source sample: 11J0711-02 (KC-MW-2 1011)

Prepared & Analyzed: 10/25/2011

Antimony	ND	5.00	ug/L	ND			20
Arsenic	6.00	10.0	"	3.14		67.1	20 Non-dir.
Beryllium	ND	1.00	"	ND			20
Cadmium	ND	3.00	"	ND			20
Chromium	7.00	5.00	"	6.94		2.64	20
Copper	5.00	5.00	"	4.95		3.33	20
Lead	7.00	3.00	"	7.28		1.67	20
Nickel	27.0	5.00	"	27.2		0.772	20
Selenium	12.0	10.0	"	12.2		5.18	20
Silver	ND	5.00	"	ND			20
Thallium	ND	10.0	"	ND			20
Zinc	26.0	20.0	"	26.0		0.595	20

Matrix Spike (BJ10943-MS1)

*Source sample: 11J0711-02 (KC-MW-2 1011)

Prepared & Analyzed: 10/25/2011

Antimony	268	5.00	ug/L	250	ND	107	75-125
Arsenic	2290	10.0	"	2000	3.14	114	75-125
Beryllium	54.0	1.00	"	50.0	ND	109	75-125
Cadmium	53.0	3.00	"	50.0	ND	105	75-125
Chromium	214	5.00	"	200	6.94	104	75-125
Copper	288	5.00	"	250	4.95	113	75-125
Lead	510	3.00	"	500	7.28	101	75-125
Nickel	576	5.00	"	500	27.2	110	75-125
Selenium	2320	10.0	"	2000	12.2	116	75-125
Silver	46.0	5.00	"	50.0	ND	92.5	75-125
Thallium	2000	10.0	"	2000	ND	100	75-125
Zinc	560	20.0	"	500	26.0	107	75-125

Metals by EPA 6000 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BJ10943 - EPA SW 846-3010A

Reference (BJ10943-SRM1)

Prepared & Analyzed: 10/25/2011

Antimony	457	5.00	ug/L	445		103	69.4-121				
Arsenic	502	10.0	"	528		95.0	83.7-117				
Beryllium	765	1.00	"	790		96.8	85.1-113				
Cadmium	560	3.00	"	554		101	85.4-114				
Chromium	773	5.00	"	751		103	87.2-113				
Copper	305	5.00	"	287		106	89.9-110				
Lead	849	3.00	"	821		103	87.6-112				
Nickel	882	5.00	"	836		106	90-112				
Selenium	717	10.0	"	770		93.1	79.4-116				
Silver	112	5.00	"	121		92.3	85.1-115				
Thallium	766	10.0	"	747		103	82.2-119				
Zinc	405	20.0	"	403		101	85.6-116				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ10998 - EPA SW846-7470											
Blank (BJ10998-BLK1)						Prepared & Analyzed: 10/26/2011					
Mercury	ND	0.2000	ug/L								
LCS (BJ10998-BS1)						Prepared & Analyzed: 10/26/2011					
Mercury	2.536	0.2000	ug/L	3.00		84.5	80-120				
Duplicate (BJ10998-DUP1)						Prepared & Analyzed: 10/26/2011					
Mercury	ND	0.2000	ug/L		ND					20	
Matrix Spike (BJ10998-MS1)						Prepared & Analyzed: 10/26/2011					
Mercury	2.700	0.2000	ug/L	3.00	ND	91.1	75-125				

Notes and Definitions

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.

Corrective Action:

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 unless superseded by written contract.

Page 1 of 1

York Project No. 1150711

YOUR Information

Company: CHAREN
Address:
Phone No.:
Contact Person: ERIC OKLOWSKI
E-Mail Address:

Report To:

Company: CHAREN
Address:
Phone No.:
Attention: ACCT PAYABLE
E-Mail Address:

Invoice To:

Company: CHAREN
Address:
Phone No.:
Attention: ACCT PAYABLE
E-Mail Address:

YOUR Project ID

4103.00
Kingston CVS
Purchase Order No. P13018

Turn-Around Time

RUSH - Same Day ☐
RUSH - Next Day ☐
RUSH - Two Day ☐
RUSH - Three Day ☐
RUSH - Four Day ☐

Report Type/Deliverables

Summary Report ☐
Summary w/ QA Summary ☐
CT RCP Package ☐
NY ASP A Package ☒
NY ASP B Package ☐
Electronic Deliverables: ☒
EDD (Specify Type) Excel ☒

Standard (5-7 Days) ☒

Samples from: CT NY NJ

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.

Eric Oklowski
Samples Collected/Authorized By (Signature)
ERIC OKLOWSKI
Name (printed)

Volatiles	Semi-Vols. Test/Portent	Metals	Misc. Org.	Full Lists	Common Miscellaneous Parameters	Special Instructions
8260 full 624 STARS list BTEX MTBE TCL list TAGM list CT RCP list Arom. only Halog. only App. IX list 8021B list	8270 or 625 STARS list IBN Only Acids Only PAH list TAGM list CT RCP list TCL list NJDEP list App. IX SPL Por TCLP	RCRA8 PP13 list TAL CT15 list TAGM list NJDEP list Total Dissolved SPL Por TCLP Indic. Metals LIST Below	TPH GRO TPH DRO CT ETPH NY 310-13 TPH 1664 Air TO14A Air TO15 Air STARS Air VPH Air TICs Methane Helium	Pri. Poll. TCL Organics TAL MetCN Full TCLP Full App. IX Par 360 Reuse Par 360 Reuse Par 360 Reuse Par 360 Reuse NYCDEP Sewer NYCDEP Sewer TAGM	Conductivity Reactivity Ignitability Flash Point Sieve Anal. Heteroatoms TOX BTU/lb. Acidic Tox. TOC pH MBAS TPH 1664	Color Phenols Cyanide-T Cyanide-A BOD5 CBOD5 BOD28 COD Oil & Grease TSS Total Solids TDS

Sample Matrix

Sample Identification	Date Sampled	Sample Matrix
KC-MW-1 1011	10/20/2011 1736	GW
KC-MW-2 1011	1729	
KC-MW-3 1011	1722	
KC-MW-4 1011	1414	
KC-MW-5 1011	1715	
KC-MW-DUP 1011	0000	
TRIP BLANK 1011	1030	DI

Choose Analyses Needed from the Menu Above and Enter Below

Container	Description(s)
	3x 40mL, 1x 250mL
	3x 40mL

Comments

4°C	Frozen	ZnAc	HCl	MeOH	HNO ₃	H ₂ SO ₄	NaOH	Temperature on Receipt
☒	☒			☒				4.3 °C
Check those Applicable								
Samples Relinquished By	Date/Time	Samples Received By	Date/Time	Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time	
<i>Eric Oklowski</i>	10/21/11 1120	<i>Chen</i>	10/21/11 1120			<i>Grace</i>	10/21/11 1600	

DATA USABILITY SUMMARY REPORT

KINGSTON CVS SITE

GROUNDWATER SAMPLED OCTOBER 2011

SDG 11J0711

Prepared for:

**THE CHAZEN COMPANIES
21 Fox Street
Poughkeepsie, NY 12601**

Prepared by:

**DATAVAL, Inc.
518 Hooper Rd., PMB 283
Endwell, NY 13760**

DATA USABILITY SUMMARY REPORT

for

THE CHAZEN COMPANIES

21 Fox Street

Poughkeepsie, NY 12601

KINGSTON CVS SITE
Groundwater Samples
SDG: 11J0711
Sampled 10/20/2011

VOLATILE ORGANICS

KC-MW-1	1011	(11J0711-01)
KC-MW-2	1011	(11J0711-02)
KC-MW-3	1011	(11J0711-03)
KC-MW-4	1011	(11J0711-04)
KC-MW-5	1011	(11J0711-05)
KC-MW-DUP	1011	(11J0711-06)
TRIP BLANK	1011	(11J0711-07)

DATA ASSESSMENT

A volatile organics data package containing analytical results for six groundwater samples and a trip blank was received from The Chazen Companies on 08Dec11. The ASP deliverables package included formal reports, raw data, the necessary QC, and supporting information. The samples, taken from the Kingston CVS Site, were identified by Chain of Custody documents and traceable through the work of York Analytical Laboratories, Inc., the laboratory contracted for analysis. Analyses, performed according to SW-846 Method 8260, addressed Priority Pollutant analytes. Laboratory data was evaluated according to the quality assurance / quality control requirements of the New York State Department of Environmental Conservation's Analytical Services Protocol, September 1989, Rev. 07/2005. When the required protocol was not followed, the current EPA Region II Functional Guidelines (SOP HW-24, Rev. #2, August 2008, Validating Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry SW-846 Method 8260B was used as a technical reference.

The methylene chloride concentrations reported from this project and the cis-1,2-dichloroethene result from KC-MW-5 1011 have been flagged as undetected because similar artifacts were present in the associated trip blank.

The cis-1,2-dichloroethene concentrations from KC-MW-1 1011 and KC-MW-DUP 1011 have been qualified as estimations due to poor calibration performance.

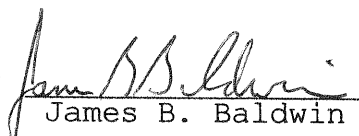
The bromomethane and dichlorodifluoromethane results from each program sample, and the cis-1,2-dichloroethene concentrations from KC-MW-1 1011 and KC-MW-DUP 1011 have been qualified as estimations due to unacceptable spiked blank (LC) recoveries.

CORRECTNESS AND USABILITY

Reported data should be considered technically defensible and completely usable in its present form. Data presenting a usable estimation of the conditions being measured has been flagged "U", "UJ" or "DJ". Estimated data should be used with caution. A detailed discussion of the review process follows.

Two facts should be considered by all data users. No compound concentration, even if it has passed all QC testing, can be guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error. Secondly, DATAVAL, Inc. guarantees the quality of this data assessment. However, DATAVAL, Inc. does not warrant any interpretation or utilization of this data by a third party.

Reviewer's signature:


James B. BaldwinDate: 13 Dec 11

SAMPLE HISTORY

Analyte concentrations can deteriorate with time due to chemical instability, bacterial degradation or volatility. Samples that are not properly preserved or are not analyzed within established holding times may no longer be considered representative. Holding times are calculated from the Verified Time of Sample Receipt (VTSR). Samples must remain chilled to 4°C between the time of collection and the time of analysis. Acid preserved VOA samples must be analyzed within 12 days of VTSR, unpreserved samples within 5 days. The holding time for soils is 12 days.

This sample delivery group contained six groundwater samples and a trip blank that were collected from the Kingston CVS site on 20Oct11. They were delivered to the laboratory on 21Oct11. The samples arrived intact and properly chilled. A cooler temperature of 4.3°C was recorded at the time of receipt. Proper sample preservation was documented in the field custody record and verified in the laboratory. It is noted that the pH of each sample was not documented at the time of analysis. This area of documentation should be improved. The analysis of each sample, including reruns, satisfied the ASP holding time limitations.

BLANKS

Blanks are analyzed to evaluate various sources of sample contamination. Field blanks monitor sampling activities. Method blanks are analyzed to verify instrument integrity. Samples are considered compromised by conditions causing contamination in any blank. Any sample concentration less than 5 times the level determined in a blank must be qualified. The qualification criteria is extended to ten times the concentration observed in blanks for common laboratory artifacts. These include acetone, methylene chloride and 2-butanone. Chloroform is also frequently present as a laboratory artifact.

Two method blanks and a trip blank were analyzed with this group of samples. Although each blank demonstrated acceptable chromatography, each also contained traces of methylene chloride ranging between 3.5 µg/l and 5.0 µg/l. The trip blank also contained 1.3 µg/l of cis-1,2-dichloroethene. Similar artifacts were present in program samples. The methylene chloride concentrations present in each sample should be interpreted as undetected. A detection limit equaling CRDL or the reported concentration, whichever is greater, should be assumed. Cis-1,2-dichloroethene (12DCE) should also be interpreted as undetected in KC-MW-5 1011. Cis-1,2-dichloroethene was either undetected in the remaining samples, or present at a concentration that exceeded the range requiring qualifications.

MS TUNING

Mass spectrometer tuning and performance criteria are established to ensure sufficient mass resolution and sensitivity to accurately detect and identify targeted analytes. Verification is accomplished using a certified standard.

An Instrument Performance Check Standard of BFB was analyzed prior to each analytical sequence and during every 12-hour period of instrument operation. An Instrument Performance Check Form is present for each BFB evaluation. Each BFB analysis satisfied the ASP acceptance criteria.

It is noted that a pair of spiked blanks (LCS) were analyzed outside of the 12-hour window defined by the preceding BFB on 27Oct11. This error had no effect on the analysis of program samples.

CALIBRATION

Requirements for instrument calibration are established to ensure that laboratory equipment is capable of producing accurate, quantitative data. Initial calibrations demonstrate a range through which measurements may be made. Continuing calibration check standards verify instrument stability.

The initial instrument calibration was performed on 25Oct11. Standards of 5, 10, 20, 50, 100 and 200 µg/l were included. During this calibration each targeted analyte produced the required levels of instrument response and demonstrated an acceptable degree of linearity.

Continuing calibration checks were performed on 27Oct11 and 31Oct11, prior to the twelve-hour periods of instrument operation that included samples from this program. When compared to the initial calibration, the 27Oct11 check demonstrated an acceptable level of instrument stability.

Although unacceptable shifts were observed in the response of bromomethane and naphthalene on 31Oct11, this performance had no impact on reported data. Only cis-1,2-dichloroethene and trichloroethene were reported from the associated samples. An unacceptable shift was also observed in the response of cis-1,2-dichloroethene. The cis-1,2-dichloroethene (12DCE) concentrations reported from diluted aliquots of KC-MW-1 1011 and KC-MW-DUP 1011 have been qualified as estimations based on this performance.

SURROGATES

Each sample, blank and standard is spiked with surrogate compounds prior to analysis. The structures of surrogates are similar to analytes of interest, but they are not normally found in environmental samples. Surrogate recoveries are monitored to evaluate overall laboratory performance and the efficiency of laboratory technique.

Although Surrogate Summary Sheets were prepared, an incorrect acceptance criteria was applied. However, when compared to the ASP requirements, acceptable performance was observed.

INTERNAL STANDARDS

Internal standards are added to each sample, blank and standard

just prior to injection. Analyte concentrations are calculated relative to the response of a specific internal standard. Internal standard performance criteria ensure that GC/MS sensitivity and response are stable during the analysis of each sample. The area of internal standard peaks may not vary by more than a factor of two. When compared to the preceding calibration check, retention times may not vary by more than 30 seconds.

The laboratory correctly calculated control limits for internal standard response and retention times. When compared to these limits, an acceptable response was reported for the internal standard additions to each program sample.

MATRIX SPIKES

Matrix spiking refers to the addition of known analyte concentrations to a sample, prior to analysis. Analyte recoveries provide an indication of laboratory accuracy. The analysis of a duplicate spiked aliquot provides a measurement of precision.

A matrix spiked sample and a spiked duplicate were not analyzed with this group of samples. It is stressed that ASP protocol requires the analysis of an MS/MSD pair from every sample delivery group.

A pair of spiked blanks (LCS) was prepared and analyzed on 27Oct11 and 31Oct11. The 27Oct11 LCS produced low recoveries of bromomethane (69.6%) and dichlorodifluoromethane (63.9%, 68.9%). Although within the laboratory's range of acceptance, this performance should not be ignored. The bromomethane (BRMANE) and dichlorodifluoromethane (CL2F2MANE) results from this group of samples have been qualified as estimations. A high recovery was also reported for t-butylbenzene (134%). This indication of positive bias warrants no concern. T-butylbenzene was not detected in this group of samples.

The 31Oct11 LCS pair produced high recoveries of cis-1,2-dichloroethene (180%, 182%). The cis-1,2-dichloroethene (12DCE) concentrations reported from KC-MW-1 1011 and KC-MW-DUP 1011 have been qualified as estimations due to these indications of positive bias. Although unacceptable recoveries were also reported for 2,2-dichloropropane and tetrachloroethene on 31Oct11, data qualifications are not required. These analytes were not reported from the associated samples.

DUPLICATES

Two aliquots of the same sample are processed separately through all aspects of sample preparation and analysis. Results produced by the analysis of this pair of samples are compared as a measurement of precision. Poor precision may be indicative of sample non-homogeneity, method defects or poor laboratory technique.

Field split duplicate samples were not identified in this delivery group.

REPORTED ANALYTES

Formal reports were provided for each sample. The data package also included total ion chromatograms and raw instrument print-outs. Reference mass spectra were provided to confirm the identification of each analyte that was detected in this group of samples. Reported concentrations, and CRDL's have been adjusted to reflect sample size and dilutions. Tentatively Identified Compounds (TIC) were not reported.

SUMMARY OF QUALIFIED DATA

Kingston CVS site

SAMPLED: October 2011

	BLANK METH CHL	BLANK 12DCE	CALIBRATE 12DCE	LCS BRMANE	LCS CL2F2MANE	LCS 12DCE
KC-MW-1	1011	(11J0711-01)	5.0U	1600DJ	5.0UJ	1600DJ
KC-MW-2	1011	(11J0711-02)	5.0U	5.0UJ	5.0UJ	
KC-MW-3	1011	(11J0711-03)	5.1U	5.0UJ	5.0UJ	
KC-MW-4	1011	(11J0711-04)	5.0U	5.0UJ	5.0UJ	
KC-MW-5	1011	(11J0711-05)	5.0U	5.0UJ	5.0UJ	
KC-MW-DUP	1011	(11J0711-06)	5.0U	1300DJ	5.0UJ	1300DJ
TRIP BLANK	1011	(11J0711-07)	4.6	1.3	5.0UJ	

ORGANIC ANALYSIS DATA SHEET

EPA SW846-8260B

KC-MW-1 1011

Laboratory: York Analytical Laboratories, Inc. SDG: 11J0711
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.00 Kingston CVS
 Matrix: Water Laboratory ID: 11J0711-01 File ID: V503794W.D
 Sampled: 10/20/11 17:36 Prepared: 10/27/11 17:54 Analyzed: 10/27/11 17:54
 Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL
 Batch: BJ11196 Sequence: Calibration: Instrument: VOA No. 5

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U
71-55-6	1,1,1-Trichloroethane	1	2.8	J
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
75-34-3	1,1-Dichloroethane	1	5.3	
75-35-4	1,1-Dichloroethylene	1	3.4	J
563-58-6	1,1-Dichloropropylene	1	5.0	U
87-61-6	1,2,3-Trichlorobenzene	1	10	U
96-18-4	1,2,3-Trichloropropane	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	10	U
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U
106-93-4	1,2-Dibromoethane	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
142-28-9	1,3-Dichloropropane	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
594-20-7	2,2-Dichloropropane	1	5.0	U
95-49-8	2-Chlorotoluene	1	5.0	U
106-43-4	4-Chlorotoluene	1	5.0	U
71-43-2	Benzene	1	5.0	U
108-86-1	Bromobenzene	1	5.0	U
74-97-5	Bromochloromethane	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
75-25-2	Bromoform	1	5.0	U
74-83-9	Bromomethane	1	5.0	U
56-23-5	Carbon tetrachloride	1	5.0	U
108-90-7	Chlorobenzene	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
67-66-3	Chloroform	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethylene	10	1600	U
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U
124-48-1	Dibromochloromethane	1	5.0	U
74-95-3	Dibromomethane	1	5.0	U
75-71-8	Dichlorodifluoromethane	1	5.0	U

ORGANIC ANALYSIS DATA SHEET

KC-MW-1 1011

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc. SDG: 11J0711
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.00 Kingston CVS
 Matrix: Water Laboratory ID: 11J0711-01 File ID: V503794W.D
 Sampled: 10/20/11 17:36 Prepared: 10/27/11 17:54 Analyzed: 10/27/11 17:54
 Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL
 Batch: BJ11196 Sequence: Calibration: Instrument: VOA No. 5

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
100-41-4	Ethyl Benzene	1	5.0	U
87-68-3	Hexachlorobutadiene	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U
75-09-2	Methylene chloride	1	4.5 5.0	IB U
91-20-3	Naphthalene	1	10	U
104-51-8	n-Butylbenzene	1	5.0	U
103-65-1	n-Propylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
1330-20-7P/M	p- & m- Xylenes	1	10	U
99-87-6	p-Isopropyltoluene	1	5.0	U
135-98-8	sec-Butylbenzene	1	5.0	U
100-42-5	Styrene	1	5.0	U
98-06-6	tert-Butylbenzene	1	5.0	U
127-18-4	Tetrachloroethylene	1	5.0	U
108-88-3	Toluene	1	5.0	U
156-60-5	trans-1,2-Dichloroethylene	1	24	
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U
79-01-6	Trichloroethylene	10	130	D
75-69-4	Trichlorofluoromethane	1	5.0	U
75-01-4	Vinyl Chloride	1	100	
1330-20-7	Xylenes, Total	1	15	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	48.7	97.4	75.7 - 121	
p-Bromofluorobenzene	50.0	45.5	91.0	71.3 - 131	
Toluene-d8	50.0	51.3	103	86.7 - 112	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET

EPA SW846-8260B

KC-MW-2 1011

Laboratory: York Analytical Laboratories, Inc. SDG: 11J0711
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.00 Kingston CVS
 Matrix: Water Laboratory ID: 11J0711-02 File ID: V503795W.D
 Sampled: 10/20/11 17:29 Prepared: 10/27/11 18:32 Analyzed: 10/27/11 18:32
 Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL
 Batch: BJ11083 Sequence: Calibration: Instrument: VOA No. 5

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U
71-55-6	1,1,1-Trichloroethane	1	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
75-34-3	1,1-Dichloroethane	1	1.3	J
75-35-4	1,1-Dichloroethylene	1	5.0	U
563-58-6	1,1-Dichloropropylene	1	5.0	U
87-61-6	1,2,3-Trichlorobenzene	1	10	U
96-18-4	1,2,3-Trichloropropane	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	10	U
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U
106-93-4	1,2-Dibromoethane	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
142-28-9	1,3-Dichloropropane	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
594-20-7	2,2-Dichloropropane	1	5.0	U
95-49-8	2-Chlorotoluene	1	5.0	U
106-43-4	4-Chlorotoluene	1	5.0	U
71-43-2	Benzene	1	5.0	U
108-86-1	Bromobenzene	1	5.0	U
74-97-5	Bromochloromethane	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
75-25-2	Bromoform	1	5.0	U
74-83-9	Bromomethane	1	5.0	U
56-23-5	Carbon tetrachloride	1	5.0	U
108-90-7	Chlorobenzene	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
67-66-3	Chloroform	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethylene	1	25	
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U
124-48-1	Dibromochloromethane	1	5.0	U
74-95-3	Dibromomethane	1	5.0	U
75-71-8	Dichlorodifluoromethane	1	5.0	U

ORGANIC ANALYSIS DATA SHEET

EPA SW846-8260B

KC-MW-2 1011

Laboratory: York Analytical Laboratories, Inc. SDG: 11J0711
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.00 Kingston CVS
 Matrix: Water Laboratory ID: 11J0711-02 File ID: V503795W.D
 Sampled: 10/20/11 17:29 Prepared: 10/27/11 18:32 Analyzed: 10/27/11 18:32
 Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL
 Batch: BJ11083 Sequence: Calibration: Instrument: VOA No. 5

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
100-41-4	Ethyl Benzene	1	5.0	U
87-68-3	Hexachlorobutadiene	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U
75-09-2	Methylene chloride	1	~~4.9~~ 5.0	~~U~~ U
91-20-3	Naphthalene	1	10	U
104-51-8	n-Butylbenzene	1	5.0	U
103-65-1	n-Propylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
1330-20-7P/M	p- & m- Xylenes	1	10	U
99-87-6	p-Isopropyltoluene	1	5.0	U
135-98-8	sec-Butylbenzene	1	5.0	U
100-42-5	Styrene	1	5.0	U
98-06-6	tert-Butylbenzene	1	5.0	U
127-18-4	Tetrachloroethylene	1	5.0	U
108-88-3	Toluene	1	5.0	U
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U
79-01-6	Trichloroethylene	1	3.2	J
75-69-4	Trichlorofluoromethane	1	5.0	U
75-01-4	Vinyl Chloride	1	6.7	
1330-20-7	Xylenes, Total	1	15	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	47.0	94.1	75.7 - 121	
p-Bromofluorobenzene	50.0	45.6	91.2	71.3 - 131	
Toluene-d8	50.0	51.2	102	86.7 - 112	

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

KC-MW-3 1011

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc. SDG: 11J0711
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.00 Kingston CVS
 Matrix: Water Laboratory ID: 11J0711-03 File ID: V503796W.D
 Sampled: 10/20/11 17:22 Prepared: 10/27/11 19:10 Analyzed: 10/27/11 19:10
 Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL
 Batch: BJ11083 Sequence: Calibration: Instrument: VOA No. 5

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U
71-55-6	1,1,1-Trichloroethane	1	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
75-34-3	1,1-Dichloroethane	1	5.0	U
75-35-4	1,1-Dichloroethylene	1	5.0	U
563-58-6	1,1-Dichloropropylene	1	5.0	U
87-61-6	1,2,3-Trichlorobenzene	1	10	U
96-18-4	1,2,3-Trichloropropane	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	10	U
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U
106-93-4	1,2-Dibromoethane	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
142-28-9	1,3-Dichloropropane	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
594-20-7	2,2-Dichloropropane	1	5.0	U
95-49-8	2-Chlorotoluene	1	5.0	U
106-43-4	4-Chlorotoluene	1	5.0	U
71-43-2	Benzene	1	5.0	U
108-86-1	Bromobenzene	1	5.0	U
74-97-5	Bromochloromethane	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
75-25-2	Bromoform	1	5.0	U
74-83-9	Bromomethane	1	5.0	U
56-23-5	Carbon tetrachloride	1	5.0	U
108-90-7	Chlorobenzene	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
67-66-3	Chloroform	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethylene	1	5.0	U
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U
124-48-1	Dibromochloromethane	1	5.0	U
74-95-3	Dibromomethane	1	5.0	U
75-71-8	Dichlorodifluoromethane	1	5.0	U

ORGANIC ANALYSIS DATA SHEET

KC-MW-3 1011

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc. SDG: 11J0711
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.00 Kingston CVS
 Matrix: Water Laboratory ID: 11J0711-03 File ID: V503796W.D
 Sampled: 10/20/11 17:22 Prepared: 10/27/11 19:10 Analyzed: 10/27/11 19:10
 Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL
 Batch: BJ11083 Sequence: Calibration: Instrument: VOA No. 5

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
100-41-4	Ethyl Benzene	1	5.0	U
87-68-3	Hexachlorobutadiene	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U
75-09-2	Methylene chloride	1	5.1	U
91-20-3	Naphthalene	1	10	U
104-51-8	n-Butylbenzene	1	5.0	U
103-65-1	n-Propylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
1330-20-7P/M	p- & m- Xylenes	1	10	U
99-87-6	p-Isopropyltoluene	1	5.0	U
135-98-8	sec-Butylbenzene	1	5.0	U
100-42-5	Styrene	1	5.0	U
98-06-6	tert-Butylbenzene	1	5.0	U
127-18-4	Tetrachloroethylene	1	5.0	U
108-88-3	Toluene	1	5.0	U
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U
79-01-6	Trichloroethylene	1	5.0	U
75-69-4	Trichlorofluoromethane	1	5.0	U
75-01-4	Vinyl Chloride	1	5.0	U
1330-20-7	Xylenes, Total	1	15	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	48.6	97.2	75.7 - 121	
p-Bromofluorobenzene	50.0	44.8	89.6	71.3 - 131	
Toluene-d8	50.0	51.3	103	86.7 - 112	

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

EPA SW846-8260B

KC-MW-4 1011

Laboratory: York Analytical Laboratories, Inc. SDG: 11J0711
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.00 Kingston CVS
 Matrix: Water Laboratory ID: 11J0711-04 File ID: V503797W.D
 Sampled: 10/20/11 14:14 Prepared: 10/27/11 19:49 Analyzed: 10/27/11 19:49
 Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL
 Batch: BJ11083 Sequence: Calibration: Instrument: VOA No. 5

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U
71-55-6	1,1,1-Trichloroethane	1	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
75-34-3	1,1-Dichloroethane	1	5.0	U
75-35-4	1,1-Dichloroethylene	1	5.0	U
563-58-6	1,1-Dichloropropylene	1	5.0	U
87-61-6	1,2,3-Trichlorobenzene	1	10	U
96-18-4	1,2,3-Trichloropropane	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	10	U
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U
106-93-4	1,2-Dibromoethane	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
142-28-9	1,3-Dichloropropane	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
594-20-7	2,2-Dichloropropane	1	5.0	U
95-49-8	2-Chlorotoluene	1	5.0	U
106-43-4	4-Chlorotoluene	1	5.0	U
71-43-2	Benzene	1	1.6	J
108-86-1	Bromobenzene	1	5.0	U
74-97-5	Bromochloromethane	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
75-25-2	Bromoform	1	5.0	U
74-83-9	Bromomethane	1	5.0	U
56-23-5	Carbon tetrachloride	1	5.0	U
108-90-7	Chlorobenzene	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
67-66-3	Chloroform	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethylene	1	5.0	U
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U
124-48-1	Dibromochloromethane	1	5.0	U
74-95-3	Dibromomethane	1	5.0	U
75-71-8	Dichlorodifluoromethane	1	5.0	U

ORGANIC ANALYSIS DATA SHEET

KC-MW-4 1011

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc. SDG: 11J0711
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.00 Kingston CVS
 Matrix: Water Laboratory ID: 11J0711-04 File ID: V503797W.D
 Sampled: 10/20/11 14:14 Prepared: 10/27/11 19:49 Analyzed: 10/27/11 19:49
 Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL
 Batch: BJ11083 Sequence: Calibration: Instrument: VOA No. 5

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
100-41-4	Ethyl Benzene	1	5.0	U
87-68-3	Hexachlorobutadiene	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.82	J
75-09-2	Methylene chloride	1	~~4.5~~ 5.0	~~JB~~ U
91-20-3	Naphthalene	1	10	U
104-51-8	n-Butylbenzene	1	5.0	U
103-65-1	n-Propylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
1330-20-7P/M	p- & m- Xylenes	1	10	U
99-87-6	p-Isopropyltoluene	1	5.0	U
135-98-8	sec-Butylbenzene	1	5.0	U
100-42-5	Styrene	1	5.0	U
98-06-6	tert-Butylbenzene	1	5.0	U
127-18-4	Tetrachloroethylene	1	5.0	U
108-88-3	Toluene	1	5.0	U
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U
79-01-6	Trichloroethylene	1	5.0	U
75-69-4	Trichlorofluoromethane	1	5.0	U
75-01-4	Vinyl Chloride	1	5.0	U
1330-20-7	Xylenes, Total	1	15	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	48.6	97.2	75.7 - 121	
p-Bromofluorobenzene	50.0	44.9	89.8	71.3 - 131	
Toluene-d8	50.0	51.7	103	86.7 - 112	

* Values outside of QC limits

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ORGANIC ANALYSIS DATA SHEET

KC-MW-5 1011

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc. SDG: 11J0711
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.00 Kingston CVS
 Matrix: Water Laboratory ID: 11J0711-05 File ID: V503798W.D
 Sampled: 10/20/11 17:15 Prepared: 10/27/11 20:27 Analyzed: 10/27/11 20:27
 Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL
 Batch: BJ11083 Sequence: Calibration: Instrument: VOA No. 5

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U
71-55-6	1,1,1-Trichloroethane	1	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
75-34-3	1,1-Dichloroethane	1	5.0	U
75-35-4	1,1-Dichloroethylene	1	5.0	U
563-58-6	1,1-Dichloropropylene	1	5.0	U
87-61-6	1,2,3-Trichlorobenzene	1	10	U
96-18-4	1,2,3-Trichloropropane	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	10	U
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U
106-93-4	1,2-Dibromoethane	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
142-28-9	1,3-Dichloropropane	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
594-20-7	2,2-Dichloropropane	1	5.0	U
95-49-8	2-Chlorotoluene	1	5.0	U
106-43-4	4-Chlorotoluene	1	5.0	U
71-43-2	Benzene	1	5.0	U
108-86-1	Bromobenzene	1	5.0	U
74-97-5	Bromochloromethane	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
75-25-2	Bromoform	1	5.0	U
74-83-9	Bromomethane	1	5.0	U
56-23-5	Carbon tetrachloride	1	5.0	U
108-90-7	Chlorobenzene	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
67-66-3	Chloroform	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethylene	1	3.4 5.0	U
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U
124-48-1	Dibromochloromethane	1	5.0	U
74-95-3	Dibromomethane	1	5.0	U
75-71-8	Dichlorodifluoromethane	1	5.0	U

ORGANIC ANALYSIS DATA SHEET

EPA SW846-8260B

KC-MW-5 1011

Laboratory: York Analytical Laboratories, Inc. SDG: 11J0711
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.00 Kingston CVS
 Matrix: Water Laboratory ID: 11J0711-05 File ID: V503798W.D
 Sampled: 10/20/11 17:15 Prepared: 10/27/11 20:27 Analyzed: 10/27/11 20:27
 Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL
 Batch: BJ11083 Sequence: Calibration: Instrument: VOA No. 5

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
100-41-4	Ethyl Benzene	1	5.0	U
87-68-3	Hexachlorobutadiene	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U
75-09-2	Methylene chloride	1	~~4.6~~ 5.0	~~U~~ U
91-20-3	Naphthalene	1	10	U
104-51-8	n-Butylbenzene	1	5.0	U
103-65-1	n-Propylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
1330-20-7P/M	p- & m- Xylenes	1	10	U
99-87-6	p-Isopropyltoluene	1	5.0	U
135-98-8	sec-Butylbenzene	1	5.0	U
100-42-5	Styrene	1	5.0	U
98-06-6	tert-Butylbenzene	1	5.0	U
127-18-4	Tetrachloroethylene	1	5.0	U
108-88-3	Toluene	1	5.0	U
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U
79-01-6	Trichloroethylene	1	6.1	
75-69-4	Trichlorofluoromethane	1	5.0	U
75-01-4	Vinyl Chloride	1	5.0	U
1330-20-7	Xylenes, Total	1	15	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	47.3	94.7	75.7 - 121	
p-Bromofluorobenzene	50.0	44.3	88.6	71.3 - 131	
Toluene-d8	50.0	51.7	103	86.7 - 112	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET

EPA SW846-8260B

KC-MW-DUP 1011

Laboratory: York Analytical Laboratories, Inc. SDG: 11J0711
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.00 Kingston CVS
 Matrix: Water Laboratory ID: 11J0711-06 File ID: V503799W.D
 Sampled: 10/20/11 00:01 Prepared: 10/27/11 21:06 Analyzed: 10/27/11 21:06
 Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL
 Batch: BJ11196 Sequence: Calibration: Instrument: VOA No. 5

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U
71-55-6	1,1,1-Trichloroethane	1	2.8	J
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
75-34-3	1,1-Dichloroethane	1	5.8	
75-35-4	1,1-Dichloroethylene	1	3.4	J
563-58-6	1,1-Dichloropropylene	1	5.0	U
87-61-6	1,2,3-Trichlorobenzene	1	10	U
96-18-4	1,2,3-Trichloropropane	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	10	U
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U
106-93-4	1,2-Dibromoethane	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
142-28-9	1,3-Dichloropropane	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
594-20-7	2,2-Dichloropropane	1	5.0	U
95-49-8	2-Chlorotoluene	1	5.0	U
106-43-4	4-Chlorotoluene	1	5.0	U
71-43-2	Benzene	1	5.0	U
108-86-1	Bromobenzene	1	5.0	U
74-97-5	Bromochloromethane	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
75-25-2	Bromoform	1	5.0	U
74-83-9	Bromomethane	1	5.0	U
56-23-5	Carbon tetrachloride	1	5.0	U
108-90-7	Chlorobenzene	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
67-66-3	Chloroform	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethylene	10	1300	U
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U
124-48-1	Dibromochloromethane	1	5.0	U
74-95-3	Dibromomethane	1	5.0	U
75-71-8	Dichlorodifluoromethane	1	5.0	U

ORGANIC ANALYSIS DATA SHEET

EPA SW846-8260B

KC-MW-DUP 1011

Laboratory: York Analytical Laboratories, Inc. SDG: 11J0711
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.00 Kingston CVS
 Matrix: Water Laboratory ID: 11J0711-06 File ID: V503799W.D
 Sampled: 10/20/11 00:01 Prepared: 10/27/11 21:06 Analyzed: 10/27/11 21:06
 Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL
 Batch: BJ11196 Sequence: Calibration: Instrument: VOA No. 5

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
100-41-4	Ethyl Benzene	1	5.0	U
87-68-3	Hexachlorobutadiene	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U
75-09-2	Methylene chloride	1	44 5.0	JB U
91-20-3	Naphthalene	1	10	U
104-51-8	n-Butylbenzene	1	5.0	U
103-65-1	n-Propylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
1330-20-7P/M	p- & m- Xylenes	1	10	U
99-87-6	p-Isopropyltoluene	1	5.0	U
135-98-8	sec-Butylbenzene	1	5.0	U
100-42-5	Styrene	1	5.0	U
98-06-6	tert-Butylbenzene	1	5.0	U
127-18-4	Tetrachloroethylene	1	5.0	U
108-88-3	Toluene	1	5.0	U
156-60-5	trans-1,2-Dichloroethylene	1	24	
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U
79-01-6	Trichloroethylene	10	180	D
75-69-4	Trichlorofluoromethane	1	5.0	U
75-01-4	Vinyl Chloride	1	110	
1330-20-7	Xylenes, Total	1	15	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	46.5	92.9	75.7 - 121	
p-Bromofluorobenzene	50.0	44.0	88.1	71.3 - 131	
Toluene-d8	50.0	51.4	103	86.7 - 112	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET

EPA SW846-8260B

TRIP BLANK 1011

Laboratory: York Analytical Laboratories, Inc. SDG: 11J0711
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.00 Kingston CVS
 Matrix: Water Laboratory ID: 11J0711-07 File ID: V503800W.D
 Sampled: 10/20/11 10:30 Prepared: 10/27/11 21:44 Analyzed: 10/27/11 21:44
 Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL
 Batch: BJ11083 Sequence: Calibration: Instrument: VOA No. 5

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U
71-55-6	1,1,1-Trichloroethane	1	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
75-34-3	1,1-Dichloroethane	1	5.0	U
75-35-4	1,1-Dichloroethylene	1	5.0	U
563-58-6	1,1-Dichloropropylene	1	5.0	U
87-61-6	1,2,3-Trichlorobenzene	1	10	U
96-18-4	1,2,3-Trichloropropane	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	10	U
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U
106-93-4	1,2-Dibromoethane	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
142-28-9	1,3-Dichloropropane	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
594-20-7	2,2-Dichloropropane	1	5.0	U
95-49-8	2-Chlorotoluene	1	5.0	U
106-43-4	4-Chlorotoluene	1	5.0	U
71-43-2	Benzene	1	5.0	U
108-86-1	Bromobenzene	1	5.0	U
74-97-5	Bromochloromethane	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
75-25-2	Bromoform	1	5.0	U
74-83-9	Bromomethane	1	5.0	U
56-23-5	Carbon tetrachloride	1	5.0	U
108-90-7	Chlorobenzene	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
67-66-3	Chloroform	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethylene	1	1.3	J
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U
124-48-1	Dibromochloromethane	1	5.0	U
74-95-3	Dibromomethane	1	5.0	U
75-71-8	Dichlorodifluoromethane	1	5.0	U

ORGANIC ANALYSIS DATA SHEET

EPA SW846-8260B

TRIP BLANK 1011

Laboratory: York Analytical Laboratories, Inc. SDG: 11J0711
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.00 Kingston CVS
 Matrix: Water Laboratory ID: 11J0711-07 File ID: V503800W.D
 Sampled: 10/20/11 10:30 Prepared: 10/27/11 21:44 Analyzed: 10/27/11 21:44
 Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL
 Batch: BJ11083 Sequence: Calibration: Instrument: VOA No. 5

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
100-41-4	Ethyl Benzene	1	5.0	U
87-68-3	Hexachlorobutadiene	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U
75-09-2	Methylene chloride	1	4.6	JB
91-20-3	Naphthalene	1	10	U
104-51-8	n-Butylbenzene	1	5.0	U
103-65-1	n-Propylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
1330-20-7P/M	p- & m- Xylenes	1	10	U
99-87-6	p-Isopropyltoluene	1	5.0	U
135-98-8	sec-Butylbenzene	1	5.0	U
100-42-5	Styrene	1	5.0	U
98-06-6	tert-Butylbenzene	1	5.0	U
127-18-4	Tetrachloroethylene	1	5.0	U
108-88-3	Toluene	1	5.0	U
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U
79-01-6	Trichloroethylene	1	5.0	U
75-69-4	Trichlorofluoromethane	1	5.0	U
75-01-4	Vinyl Chloride	1	5.0	U
1330-20-7	Xylenes, Total	1	15	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	46.5	93.0	75.7 - 121	
p-Bromofluorobenzene	50.0	46.0	92.0	71.3 - 131	
Toluene-d8	50.0	52.3	105	86.7 - 112	

* Values outside of QC limits

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PREPARATION BATCH SUMMARY

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc. SDG: 11J0711
Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.00 Kingston CVS
Batch: BJ11083 Batch Matrix: Water Preparation: EPA 5030B

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
KC-MW-2 1011	11J0711-02	V503795W.D	10/27/11 18:32	
KC-MW-3 1011	11J0711-03	V503796W.D	10/27/11 19:10	
KC-MW-4 1011	11J0711-04	V503797W.D	10/27/11 19:49	
KC-MW-5 1011	11J0711-05	V503798W.D	10/27/11 20:27	
TRIP BLANK 1011	11J0711-07	V503800W.D	10/27/11 21:44	
Blank	BJ11083-BLK1	V503787B.D	10/27/11 13:26	
LCS	BJ11083-BS1	V503785L.D	10/27/11 12:11	
LCS Dup	BJ11083-BSD1	V503786U.D	10/27/11 12:48	

METHOD BLANK DATA SHEET

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc. SDG: 11J0711
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.00 Kingston CVS
 Matrix: Water Laboratory ID: BJ11083-BLK1 File ID: V503787B.D
 Prepared: 10/27/11 13:26 Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL
 Analyzed: 10/27/11 13:26 Instrument: VOA No. 5
 Batch: BJ11083 Sequence: Calibration:

CAS NO.	COMPOUND	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethylene	5.0	U
563-58-6	1,1-Dichloropropylene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	10	U
96-18-4	1,2,3-Trichloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	10	U
95-63-6	1,2,4-Trimethylbenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
106-93-4	1,2-Dibromoethane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
108-67-8	1,3,5-Trimethylbenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
142-28-9	1,3-Dichloropropane	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
594-20-7	2,2-Dichloropropane	5.0	U
95-49-8	2-Chlorotoluene	5.0	U
106-43-4	4-Chlorotoluene	5.0	U
71-43-2	Benzene	5.0	U
108-86-1	Bromobenzene	5.0	U
74-97-5	Bromochloromethane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U

METHOD BLANK DATA SHEET

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc. SDG: 11J0711
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.00 Kingston CVS
 Matrix: Water Laboratory ID: BJ11083-BLK1 File ID: V503787B.D
 Prepared: 10/27/11 13:26 Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL
 Analyzed: 10/27/11 13:26 Instrument: VOA No. 5
 Batch: BJ11083 Sequence: Calibration:

CAS NO.	COMPOUND	CONC. (ug/L)	Q
56-23-5	Carbon tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
156-59-2	cis-1,2-Dichloroethylene	5.0	U
10061-01-5	cis-1,3-Dichloropropylene	5.0	U
124-48-1	Dibromochloromethane	5.0	U
74-95-3	Dibromomethane	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
100-41-4	Ethyl Benzene	5.0	U
87-68-3	Hexachlorobutadiene	5.0	U
98-82-8	Isopropylbenzene	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	5.0	U
75-09-2	Methylene chloride	5.0	J
91-20-3	Naphthalene	10	U
104-51-8	n-Butylbenzene	5.0	U
103-65-1	n-Propylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
1330-20-7P/M	p- & m- Xylenes	10	U
99-87-6	p-Isopropyltoluene	5.0	U
135-98-8	sec-Butylbenzene	5.0	U
100-42-5	Styrene	5.0	U
98-06-6	tert-Butylbenzene	5.0	U
127-18-4	Tetrachloroethylene	5.0	U
108-88-3	Toluene	5.0	U
156-60-5	trans-1,2-Dichloroethylene	5.0	U
10061-02-6	trans-1,3-Dichloropropylene	5.0	U
79-01-6	Trichloroethylene	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U

METHOD BLANK DATA SHEET
EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc. SDG: 11J0711
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.00 Kingston CVS
 Matrix: Water Laboratory ID: BJ11083-BLK1 File ID: V503787B.D
 Prepared: 10/27/11 13:26 Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL
 Analyzed: 10/27/11 13:26 Instrument: VOA No. 5
 Batch: BJ11083 Sequence: Calibration:

CAS NO.	COMPOUND	CONC. (ug/L)	Q
75-01-4	Vinyl Chloride	5.0	U
1330-20-7	Xylenes, Total	15	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	46.6	93.1	75.7 - 121	
p-Bromofluorobenzene	50.0	44.8	89.5	71.3 - 131	
Toluene-d8	50.0	52.2	104	86.7 - 112	

PREPARATION BATCH SUMMARY

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc.

SDG: 11J0711

Client: Chazen Environmental Services (Poughkeepsie)

Project: 41103.00 Kingston CVS

Batch: BJ11196

Batch Matrix: Water

Preparation: EPA 5030B

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
KC-MW-1 1011	11J0711-01	V503889W.D	10/27/11 17:54	
KC-MW-1 1011	11J0711-01	V503794W.D	10/27/11 17:54	
KC-MW-DUP 1011	11J0711-06	V503890W.D	10/27/11 21:06	
KC-MW-DUP 1011	11J0711-06	V503799W.D	10/27/11 21:06	
Blank	BJ11196-BLK1	V503888B.D	10/31/11 23:19	
LCS	BJ11196-BS1	V503886L.D	10/31/11 22:03	
LCS Dup	BJ11196-BSD1	V503887U.D	10/31/11 22:41	

METHOD BLANK DATA SHEET
EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc. SDG: 11J0711
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.00 Kingston CVS
 Matrix: Water Laboratory ID: BJ11196-BLK1 File ID: V503888B.D
 Prepared: 10/31/11 23:19 Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL
 Analyzed: 10/31/11 23:19 Instrument: VOA No. 5
 Batch: BJ11196 Sequence: Calibration:

CAS NO.	COMPOUND	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethylene	5.0	U
563-58-6	1,1-Dichloropropylene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	10	U
96-18-4	1,2,3-Trichloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	10	U
95-63-6	1,2,4-Trimethylbenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
106-93-4	1,2-Dibromoethane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
108-67-8	1,3,5-Trimethylbenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
142-28-9	1,3-Dichloropropane	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
594-20-7	2,2-Dichloropropane	5.0	U
95-49-8	2-Chlorotoluene	5.0	U
106-43-4	4-Chlorotoluene	5.0	U
71-43-2	Benzene	5.0	U
108-86-1	Bromobenzene	5.0	U
74-97-5	Bromochloromethane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U

METHOD BLANK DATA SHEET
EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc. SDG: 11J0711
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.00 Kingston CVS
 Matrix: Water Laboratory ID: BJ11196-BLK1 File ID: V503888B.D
 Prepared: 10/31/11 23:19 Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL
 Analyzed: 10/31/11 23:19 Instrument: VOA No. 5
 Batch: BJ11196 Sequence: Calibration:

CAS NO.	COMPOUND	CONC. (ug/L)	Q
56-23-5	Carbon tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
156-59-2	cis-1,2-Dichloroethylene	5.0	U
10061-01-5	cis-1,3-Dichloropropylene	5.0	U
124-48-1	Dibromochloromethane	5.0	U
74-95-3	Dibromomethane	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
100-41-4	Ethyl Benzene	5.0	U
87-68-3	Hexachlorobutadiene	5.0	U
98-82-8	Isopropylbenzene	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	5.0	U
75-09-2	Methylene chloride	3.5	J
91-20-3	Naphthalene	10	U
104-51-8	n-Butylbenzene	5.0	U
103-65-1	n-Propylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
1330-20-7P/M	p- & m- Xylenes	10	U
99-87-6	p-Isopropyltoluene	5.0	U
135-98-8	sec-Butylbenzene	5.0	U
100-42-5	Styrene	5.0	U
98-06-6	tert-Butylbenzene	5.0	U
127-18-4	Tetrachloroethylene	5.0	U
108-88-3	Toluene	5.0	U
156-60-5	trans-1,2-Dichloroethylene	5.0	U
10061-02-6	trans-1,3-Dichloropropylene	5.0	U
79-01-6	Trichloroethylene	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U

METHOD BLANK DATA SHEET
EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc. SDG: 11J0711
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.00 Kingston CVS
 Matrix: Water Laboratory ID: BJ11196-BLK1 File ID: V503888B.D
 Prepared: 10/31/11 23:19 Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL
 Analyzed: 10/31/11 23:19 Instrument: VOA No. 5
 Batch: BJ11196 Sequence: Calibration:

CAS NO.	COMPOUND	CONC. (ug/L)	Q
75-01-4	Vinyl Chloride	5.0	U
1330-20-7	Xylenes, Total	15	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	48.7	97.4	75.7 - 121	
p-Bromofluorobenzene	50.0	43.4	86.8	71.3 - 131	
Toluene-d8	50.0	52.6	105	86.7 - 112	

SURROGATE STANDARD RECOVERY AND RT SUMMARY
EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc. SDG: 11J0711
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.00 Kingston CVS
 Sequence: Instrument:
 Matrix: Water Calibration:

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
LCS (BJ11083-BS1) Lab File ID: V503785L.D Analyzed: 10/27/11 12:11								
1,2-Dichloroethane-d4	50.0	97.7 ✓	75.7 - 121	5.35	76-114			
p-Bromofluorobenzene	50.0	94.6	71.3 - 131	9.91	86-115			
Toluene-d8	50.0	104	86.7 - 112	7.18	88-110			
LCS Dup (BJ11083-BSD1) Lab File ID: V503786U.D Analyzed: 10/27/11 12:48								
1,2-Dichloroethane-d4	50.0	98.5	75.7 - 121	5.35				
p-Bromofluorobenzene	50.0	94.0	71.3 - 131	9.92				
Toluene-d8	50.0	104	86.7 - 112	7.18				
Blank (BJ11083-BLK1) Lab File ID: V503787B.D Analyzed: 10/27/11 13:26								
1,2-Dichloroethane-d4	50.0	93.1 ✓	75.7 - 121	5.35				
p-Bromofluorobenzene	50.0	89.5	71.3 - 131	9.92				
Toluene-d8	50.0	104	86.7 - 112	7.18				
KC-MW-1 1011 (11J0711-01) Lab File ID: V503794W.D Analyzed: 10/27/11 17:54								
1,2-Dichloroethane-d4	50.0	97.4 ✓	75.7 - 121	5.35				
p-Bromofluorobenzene	50.0	91.0	71.3 - 131	9.91				
Toluene-d8	50.0	103	86.7 - 112	7.18				
KC-MW-2 1011 (11J0711-02) Lab File ID: V503795W.D Analyzed: 10/27/11 18:32								
1,2-Dichloroethane-d4	50.0	94.1 ✓	75.7 - 121	5.35				
p-Bromofluorobenzene	50.0	91.2	71.3 - 131	9.91				
Toluene-d8	50.0	102	86.7 - 112	7.18				
KC-MW-3 1011 (11J0711-03) Lab File ID: V503796W.D Analyzed: 10/27/11 19:10								
1,2-Dichloroethane-d4	50.0	97.2 ✓	75.7 - 121	5.35				
p-Bromofluorobenzene	50.0	89.6	71.3 - 131	9.91				
Toluene-d8	50.0	103	86.7 - 112	7.18				
KC-MW-4 1011 (11J0711-04) Lab File ID: V503797W.D Analyzed: 10/27/11 19:49								
1,2-Dichloroethane-d4	50.0	97.2 ✓	75.7 - 121	5.34				
p-Bromofluorobenzene	50.0	89.8	71.3 - 131	9.91				
Toluene-d8	50.0	103	86.7 - 112	7.18				
KC-MW-5 1011 (11J0711-05) Lab File ID: V503798W.D Analyzed: 10/27/11 20:27								
1,2-Dichloroethane-d4	50.0	94.7 ✓	75.7 - 121	5.35				
p-Bromofluorobenzene	50.0	88.6	71.3 - 131	9.91				
Toluene-d8	50.0	103	86.7 - 112	7.18				

SURROGATE STANDARD RECOVERY AND RT SUMMARY

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc. SDG: 11J0711
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.00 Kingston CVS
 Sequence: Instrument:
 Matrix: Water Calibration:

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
KC-MW-DUP 1011 (11J0711-06) Lab File ID: V503799W.D Analyzed: 10/27/11 21:06								
1,2-Dichloroethane-d4	50.0	92.9 ✓	75.7 - 121	5.35				
p-Bromofluorobenzene	50.0	88.1	71.3 - 131	9.91				
Toluene-d8	50.0	103	86.7 - 112	7.17				
TRIP BLANK 1011 (11J0711-07) Lab File ID: V503800W.D Analyzed: 10/27/11 21:44								
1,2-Dichloroethane-d4	50.0	93.0 ✓	75.7 - 121	5.34				
p-Bromofluorobenzene	50.0	92.0	71.3 - 131	9.91				
Toluene-d8	50.0	105	86.7 - 112	7.17				
LCS (BJ11196-BS1) Lab File ID: V503886L.D Analyzed: 10/31/11 22:03								
1,2-Dichloroethane-d4	50.0	94.4 ✓	75.7 - 121	5.32				
p-Bromofluorobenzene	50.0	92.2 ✓	71.3 - 131	9.89				
Toluene-d8	50.0	105	86.7 - 112	7.15				
LCS Dup (BJ11196-BSD1) Lab File ID: V503887U.D Analyzed: 10/31/11 22:41								
1,2-Dichloroethane-d4	50.0	94.4 ✓	75.7 - 121	5.32				
p-Bromofluorobenzene	50.0	91.6	71.3 - 131	9.88				
Toluene-d8	50.0	105	86.7 - 112	7.16				
Blank (BJ11196-BLK1) Lab File ID: V503888B.D Analyzed: 10/31/11 23:19								
1,2-Dichloroethane-d4	50.0	97.4 ✓	75.7 - 121	5.32				
p-Bromofluorobenzene	50.0	86.8	71.3 - 131	9.88				
Toluene-d8	50.0	105	86.7 - 112	7.16				

LCS / LCS DUPLICATE RECOVERY
EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc. SDG: 11J0711
Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.00 Kingston CVS
Matrix: Water
Batch: BJ11083 Laboratory ID: BJ11083-BS1
Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	54	107	82.3 - 130
1,1,1-Trichloroethane	50.0	51	103	75.6 - 137
1,1,2,2-Tetrachloroethane	50.0	55	109	71.3 - 131
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.0	47	93.5	71.1 - 129
1,1,2-Trichloroethane	50.0	55	110	74.5 - 129
1,1-Dichloroethane	50.0	54	108	79.6 - 132
1,1-Dichloroethylene	50.0	47	94.8 ✓	~~80.2 - 146~~ 61-145
1,1-Dichloropropylene	50.0	55	110	75 - 136
1,2,3-Trichlorobenzene	50.0	55	110	66.1 - 136
1,2,3-Trichloropropane	50.0	53	105	63 - 131
1,2,4-Trichlorobenzene	50.0	54	108	70.6 - 136
1,2,4-Trimethylbenzene	50.0	58	117	75.3 - 135
1,2-Dibromo-3-chloropropane	50.0	55	109	58.9 - 140
1,2-Dibromoethane	50.0	58	116	79 - 130
1,2-Dichlorobenzene	50.0	52	105	76.1 - 122
1,2-Dichloroethane	50.0	52	104	74.6 - 132
1,2-Dichloropropane	50.0	57	113	76.9 - 129
1,3,5-Trimethylbenzene	50.0	56	112	70.6 - 127
1,3-Dichlorobenzene	50.0	51	102	77 - 124
1,3-Dichloropropane	50.0	57	114	75.8 - 126
1,4-Dichlorobenzene	50.0	52	105	76.6 - 125
2,2-Dichloropropane	50.0	46	92.1	69 - 133
2-Chlorotoluene	50.0	52	104	66.3 - 119
4-Chlorotoluene	50.0	54	108	69.2 - 127
Benzene	50.0	54	107 ✓	~~76.2 - 129~~ 76-127
Bromobenzene	50.0	53	106	71.3 - 123
Bromochloromethane	50.0	54	109	70.8 - 137
Bromodichloromethane	50.0	57	115	79.7 - 134
Bromoform	50.0	53	106	70.5 - 141
Bromomethane	50.0	35	69.6	43.9 - 147

LCS / LCS DUPLICATE RECOVERY

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc. SDG: 11J0711
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.00 Kingston CVS
 Matrix: Water
 Batch: BJ11083 Laboratory ID: BJ11083-BS1
 Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Carbon tetrachloride	50.0	51	101	78.1 - 138
Chlorobenzene	50.0	54	109 ✓	~~80.4 - 125~~ 75-130
Chloroethane	50.0	47	94.3	55.8 - 140
Chloroform	50.0	52	104	76.6 - 133
Chloromethane	50.0	38	75.1	48.8 - 115
cis-1,2-Dichloroethylene	50.0	48	95.1	75.1 - 128
cis-1,3-Dichloropropylene	50.0	54	107	74.5 - 128
Dibromochloromethane	50.0	54	108	79.8 - 134
Dibromomethane	50.0	58	117	79 - 130
Dichlorodifluoromethane	50.0	32	63.9	47.1 - 101
Ethyl Benzene	50.0	58	116	80.8 - 128
Hexachlorobutadiene	50.0	50	99.2	64.8 - 128
Isopropylbenzene	50.0	58	115	75.5 - 135
Methyl tert-butyl ether (MTBE)	50.0	52	105	65.1 - 140
Methylene chloride	50.0	42	84.0	61.3 - 120
Naphthalene	50.0	59	117	62.3 - 148
n-Butylbenzene	50.0	54	108	67.2 - 123
n-Propylbenzene	50.0	55	110	70.5 - 127
o-Xylene	50.0	54	107	75.9 - 122
p- & m- Xylenes	100	110	112	77.7 - 127
p-Isopropyltoluene	50.0	55	111	75.6 - 129
sec-Butylbenzene	50.0	54	109	71.5 - 125
Styrene	50.0	54	109	77.8 - 123
tert-Butylbenzene	50.0	61	122	75.9 - 151
Tetrachloroethylene	50.0	58	116	63.6 - 167
Toluene	50.0	56	112 ✓	~~77 - 123~~ 76-125
trans-1,2-Dichloroethylene	50.0	54	107	76.3 - 139
trans-1,3-Dichloropropylene	50.0	54	108	72.5 - 137
Trichloroethylene	50.0	55	110 ✓	~~77.9 - 130~~ 71-120
Trichlorofluoromethane	50.0	43	86.3	57.4 - 133

LCS / LCS DUPLICATE RECOVERY

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc.

SDG: 11J0711

Client: Chazen Environmental Services (Poughkeepsie)

Project: 41103.00 Kingston CVS

Matrix: Water

Batch: BJ11083

Laboratory ID: BJ11083-BS1

Preparation: EPA 5030B

Initial/Final: 5 mL / 5 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Vinyl Chloride	50.0	42	84.1	54.9 - 124

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	%	QC LIMITS	
					RPD	REC.
1,1,1,2-Tetrachloroethane	50.0	55	110	2.36	21.1	82.3 - 130
1,1,1-Trichloroethane	50.0	53	107	3.78	19.7	75.6 - 137
1,1,2,2-Tetrachloroethane	50.0	54	108	1.29	20.8	71.3 - 131
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	51	102	8.62	21.7	71.1 - 129
1,1,2-Trichloroethane	50.0	55	111	0.435	20.3	74.5 - 129
1,1-Dichloroethane	50.0	56	111	2.91	20.6	79.6 - 132
1,1-Dichloroethylene	50.0	49	98.4	3.73	20	80.2 - 146
1,1-Dichloropropylene	50.0	56	112	1.17	19.3	75 - 136
1,2,3-Trichlorobenzene	50.0	53	106	3.92	21.6	66.1 - 136
1,2,3-Trichloropropane	50.0	51	102	3.50	23.9	63 - 131
1,2,4-Trichlorobenzene	50.0	54	107	1.15	21.7	70.6 - 136
1,2,4-Trimethylbenzene	50.0	58	117	0.137	18.8	75.3 - 135
1,2-Dibromo-3-chloropropane	50.0	56	111	1.85	27.7	58.9 - 140
1,2-Dibromoethane	50.0	58	116	0.137	23	79 - 130
1,2-Dichlorobenzene	50.0	53	106	1.19	19.8	76.1 - 122
1,2-Dichloroethane	50.0	52	104	0.384	20.2	74.6 - 132
1,2-Dichloropropane	50.0	58	116	2.37	20.7	76.9 - 129
1,3,5-Trimethylbenzene	50.0	55	110	2.18	18.9	70.6 - 127
1,3-Dichlorobenzene	50.0	52	103	0.662	19.2	77 - 124
1,3-Dichloropropane	50.0	58	115	0.960	22.1	75.8 - 126
1,4-Dichlorobenzene	50.0	52	105	0.267	18.6	76.6 - 125
2,2-Dichloropropane	50.0	46	92.5	0.390	19.8	69 - 133
2-Chlorotoluene	50.0	52	104	0.00	21.6	66.3 - 119
4-Chlorotoluene	50.0	55	110	1.47	19	69.2 - 127
Benzene	50.0	54	108	0.855	19	76.2 - 129
Bromobenzene	50.0	54	108	1.21	20.3	71.3 - 123

LCS / LCS DUPLICATE RECOVERY

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc. SDG: 11J0711
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.00 Kingston CVS
 Matrix: Water
 Batch: BJ11083 Laboratory ID: BJ11083-BSD1
 Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS	
					RPD	REC.
Bromochloromethane	50.0	56	112	2.70	23.9	70.8 - 137
Bromodichloromethane	50.0	57	115	0.314	21	79.7 - 134
Bromoform	50.0	52	104	1.28	21.8	70.5 - 141
Bromomethane	50.0	41	81.9	16.2	28.4	43.9 - 147
Carbon tetrachloride	50.0	52	103	1.80	20.1	78.1 - 138
Chlorobenzene	50.0	56	112 ✓	3.08	19.9	80.4 - 125
Chloroethane	50.0	50	99.2	5.07	23.3	55.8 - 140
Chloroform	50.0	53	106	1.77	20.3	76.6 - 133
Chloromethane	50.0	40	79.1	5.14	24.5	48.8 - 115
cis-1,2-Dichloroethylene	50.0	48	96.9	1.85	20.5	75.1 - 128
cis-1,3-Dichloropropylene	50.0	55	110	2.16	19.9	74.5 - 128
Dibromochloromethane	50.0	55	110	2.16	21.3	79.8 - 134
Dibromomethane	50.0	59	117	0.428	22.4	79 - 130
Dichlorodifluoromethane	50.0	34	68.9	7.53	23.9	47.1 - 101
Ethyl Benzene	50.0	60	119	3.23	19.2	80.8 - 128
Hexachlorobutadiene	50.0	50	100	0.803	20.6	64.8 - 128
Isopropylbenzene	50.0	58	117	1.00	20	75.5 - 135
Methyl tert-butyl ether (MTBE)	50.0	53	106	1.33	23.6	65.1 - 140
Methylene chloride	50.0	44	88.0	4.68	20.4	61.3 - 120
Naphthalene	50.0	56	112	4.16	27.1	62.3 - 148
n-Butylbenzene	50.0	54	108	0.334	19.1	67.2 - 123
n-Propylbenzene	50.0	56	113	2.98	23.4	70.5 - 127
o-Xylene	50.0	56	111	3.42	19.3	75.9 - 122
p- & m- Xylenes	100	120	115	2.99	18.6	77.7 - 127
p-Isopropyltoluene	50.0	56	113	1.70	19.1	75.6 - 129
sec-Butylbenzene	50.0	54	108	0.718	18.9	71.5 - 125
Styrene	50.0	55	111	1.68	20.9	77.8 - 123
tert-Butylbenzene	50.0	67	134	9.63	20.9	75.9 - 151
Tetrachloroethylene	50.0	61	122	4.82	27.7	63.6 - 167
Toluene	50.0	58	116 ✓	3.24	18.7	77 - 123

LCS / LCS DUPLICATE RECOVERY

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc. SDG: 11J0711
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.00 Kingston CVS
 Matrix: Water
 Batch: BJ11083 Laboratory ID: BJ11083-BSD1
 Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS	
					RPD	REC.
trans-1,2-Dichloroethylene	50.0	56	111	3.63	19.5	76.3 - 139
trans-1,3-Dichloropropylene	50.0	55	111	2.80	19.3	72.5 - 137
Trichloroethylene	50.0	57	115 ✓	4.04	20.5	77.9 - 130
Trichlorofluoromethane	50.0	46	93.0	7.48	21.4	57.4 - 133
Vinyl Chloride	50.0	44	88.2	4.76	22.3	54.9 - 124

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

LCS / LCS DUPLICATE RECOVERY

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc. SDG: 11J0711
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.00 Kingston CVS
 Matrix: Water
 Batch: BJ11196 Laboratory ID: BJ11196-BS1
 Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	51	103	82.3 - 130
1,1,1-Trichloroethane	50.0	49	98.5	75.6 - 137
1,1,2,2-Tetrachloroethane	50.0	58	115	71.3 - 131
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.0	47	94.0	71.1 - 129
1,1,2-Trichloroethane	50.0	56	111	74.5 - 129
1,1-Dichloroethane	50.0	54	107	79.6 - 132
1,1-Dichloroethylene	50.0	48	96.4 ✓	80.2 - 146
1,1-Dichloropropylene	50.0	54	108	75 - 136
1,2,3-Trichlorobenzene	50.0	52	105	66.1 - 136
1,2,3-Trichloropropane	50.0	51	103	63 - 131
1,2,4-Trichlorobenzene	50.0	51	101	70.6 - 136
1,2,4-Trimethylbenzene	50.0	59	118	75.3 - 135
1,2-Dibromo-3-chloropropane	50.0	58	117	58.9 - 140
1,2-Dibromoethane	50.0	57	114	79 - 130
1,2-Dichlorobenzene	50.0	51	103	76.1 - 122
1,2-Dichloroethane	50.0	50	99.4	74.6 - 132
1,2-Dichloropropane	50.0	58	117	76.9 - 129
1,3,5-Trimethylbenzene	50.0	56	112	70.6 - 127
1,3-Dichlorobenzene	50.0	49	98.7	77 - 124
1,3-Dichloropropane	50.0	58	117	75.8 - 126
1,4-Dichlorobenzene	50.0	51	102	76.6 - 125
2,2-Dichloropropane	50.0	66	131	69 - 133
2-Chlorotoluene	50.0	54	108	66.3 - 119
4-Chlorotoluene	50.0	56	112	69.2 - 127
Benzene	50.0	53	106 ✓	76.2 - 129
Bromobenzene	50.0	56	112	71.3 - 123
Bromochloromethane	50.0	56	111	70.8 - 137
Bromodichloromethane	50.0	57	114	79.7 - 134
Bromoform	50.0	50	101	70.5 - 141
Bromomethane	50.0	39	77.0	43.9 - 147

LCS / LCS DUPLICATE RECOVERY

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc. SDG: 11J0711
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.00 Kingston CVS
 Matrix: Water
 Batch: BJ11196 Laboratory ID: BJ11196-BS1
 Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Carbon tetrachloride	50.0	47	94.4	78.1 - 138
Chlorobenzene	50.0	55	110 ✓	80.4 - 125
Chloroethane	50.0	47	94.3	55.8 - 140
Chloroform	50.0	52	104	76.6 - 133
Chloromethane	50.0	42	83.9	48.8 - 115
cis-1,2-Dichloroethylene	50.0	90	180 *	75.1 - 128
cis-1,3-Dichloropropylene	50.0	53	105	74.5 - 128
Dibromochloromethane	50.0	52	105	79.8 - 134
Dibromomethane	50.0	58	115	79 - 130
Dichlorodifluoromethane	50.0	37	73.3	47.1 - 101
Ethyl Benzene	50.0	59	118	80.8 - 128
Hexachlorobutadiene	50.0	42	85.0	64.8 - 128
Isopropylbenzene	50.0	59	118	75.5 - 135
Methyl tert-butyl ether (MTBE)	50.0	50	100	65.1 - 140
Methylene chloride	50.0	39	78.3	61.3 - 120
Naphthalene	50.0	64	128	62.3 - 148
n-Butylbenzene	50.0	56	112	67.2 - 123
n-Propylbenzene	50.0	58	115	70.5 - 127
o-Xylene	50.0	54	108	75.9 - 122
p- & m- Xylenes	100	110	113	77.7 - 127
p-Isopropyltoluene	50.0	57	114	75.6 - 129
sec-Butylbenzene	50.0	56	112	71.5 - 125
Styrene	50.0	54	108	77.8 - 123
tert-Butylbenzene	50.0	64	129	75.9 - 151
Tetrachloroethylene	50.0	67	134	63.6 - 167
Toluene	50.0	57	114 ✓	77 - 123
trans-1,2-Dichloroethylene	50.0	52	105	76.3 - 139
trans-1,3-Dichloropropylene	50.0	53	105	72.5 - 137
Trichloroethylene	50.0	56	113 ✓	77.9 - 130
Trichlorofluoromethane	50.0	43	85.6	57.4 - 133

LCS / LCS DUPLICATE RECOVERY
EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc. SDG: 11J0711
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.00 Kingston CVS
 Matrix: Water
 Batch: BJ11196 Laboratory ID: BJ11196-BS1
 Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Vinyl Chloride	50.0	45	90.4	54.9 - 124

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS	
					RPD	REC.
1,1,1,2-Tetrachloroethane	50.0	51	102	0.724	21.1	82.3 - 130
1,1,1-Trichloroethane	50.0	50	99.1	0.627	19.7	75.6 - 137
1,1,2,2-Tetrachloroethane	50.0	57	113	1.91	20.8	71.3 - 131
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	46	91.4	2.85	21.7	71.1 - 129
1,1,2-Trichloroethane	50.0	56	111	0.126	20.3	74.5 - 129
1,1-Dichloroethane	50.0	53	105	2.09	20.6	79.6 - 132
1,1-Dichloroethylene	50.0	47	94.6	1.86	20	80.2 - 146
1,1-Dichloropropylene	50.0	54	108	0.130	19.3	75 - 136
1,2,3-Trichlorobenzene	50.0	48	95.2	9.79	21.6	66.1 - 136
1,2,3-Trichloropropane	50.0	51	102	0.901	23.9	63 - 131
1,2,4-Trichlorobenzene	50.0	45	89.8	12.2	21.7	70.6 - 136
1,2,4-Trimethylbenzene	50.0	57	113	4.72	18.8	75.3 - 135
1,2-Dibromo-3-chloropropane	50.0	56	113	3.49	27.7	58.9 - 140
1,2-Dibromoethane	50.0	56	113	0.989	23	79 - 130
1,2-Dichlorobenzene	50.0	49	98.9	3.97	19.8	76.1 - 122
1,2-Dichloroethane	50.0	49	97.3	2.09	20.2	74.6 - 132
1,2-Dichloropropane	50.0	58	115	1.17	20.7	76.9 - 129
1,3,5-Trimethylbenzene	50.0	54	107	4.50	18.9	70.6 - 127
1,3-Dichlorobenzene	50.0	47	93.5	5.45	19.2	77 - 124
1,3-Dichloropropane	50.0	57	114	2.36	22.1	75.8 - 126
1,4-Dichlorobenzene	50.0	48	95.5	6.84	18.6	76.6 - 125
2,2-Dichloropropane	50.0	64	128	2.28	19.8	69 - 133
2-Chlorotoluene	50.0	53	106	1.53	21.6	66.3 - 119
4-Chlorotoluene	50.0	52	105	6.51	19	69.2 - 127
Benzene	50.0	53	105	0.662	19	76.2 - 129
Bromobenzene	50.0	54	108	4.22	20.3	71.3 - 123

LCS / LCS DUPLICATE RECOVERY
EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc. SDG: 11J0711
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.00 Kingston CVS
 Matrix: Water
 Batch: BJ11196 Laboratory ID: BJ11196-BSD1
 Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	%	QC LIMITS	
					RPD	REC.
Bromochloromethane	50.0	54	108	3.04	23.9	70.8 - 137
Bromodichloromethane	50.0	56	112	1.78	21	79.7 - 134
Bromoform	50.0	51	101	0.496	21.8	70.5 - 141
Bromomethane	50.0	37	73.6	4.54	28.4	43.9 - 147
Carbon tetrachloride	50.0	46	93.0	1.49	20.1	78.1 - 138
Chlorobenzene	50.0	54	107 ✓	2.32	19.9	80.4 - 125
Chloroethane	50.0	46	92.6	1.88	23.3	55.8 - 140
Chloroform	50.0	50	101	2.68	20.3	76.6 - 133
Chloromethane	50.0	41	82.3	1.88	24.5	48.8 - 115
cis-1,2-Dichloroethylene	50.0	91	182 *	0.696	20.5	75.1 - 128
cis-1,3-Dichloropropylene	50.0	51	101	3.76	19.9	74.5 - 128
Dibromochloromethane	50.0	52	103	1.41	21.3	79.8 - 134
Dibromomethane	50.0	58	115	0.0173	22.4	79 - 130
Dichlorodifluoromethane	50.0	36	71.1	3.16	23.9	47.1 - 101
Ethyl Benzene	50.0	56	113	4.37	19.2	80.8 - 128
Hexachlorobutadiene	50.0	40	79.8	6.31	20.6	64.8 - 128
Isopropylbenzene	50.0	57	114	2.96	20	75.5 - 135
Methyl tert-butyl ether (MTBE)	50.0	49	97.5	2.63	23.6	65.1 - 140
Methylene chloride	50.0	36	73.0	7.08	20.4	61.3 - 120
Naphthalene	50.0	61	122	4.33	27.1	62.3 - 148
n-Butylbenzene	50.0	52	104	7.26	19.1	67.2 - 123
n-Propylbenzene	50.0	56	111	3.34	23.4	70.5 - 127
o-Xylene	50.0	53	105	3.17	19.3	75.9 - 122
p- & m- Xylenes	100	110	109	3.67	18.6	77.7 - 127
p-Isopropyltoluene	50.0	53	106	6.80	19.1	75.6 - 129
sec-Butylbenzene	50.0	54	107	4.36	18.9	71.5 - 125
Styrene	50.0	52	104	3.77	20.9	77.8 - 123
tert-Butylbenzene	50.0	63	125	2.99	20.9	75.9 - 151
Tetrachloroethylene	50.0	68	136	2.10	27.7	63.6 - 167
Toluene	50.0	55	111 ✓	2.81	18.7	77 - 123

LCS / LCS DUPLICATE RECOVERY

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc. SDG: 11J0711
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.00 Kingston CVS
 Matrix: Water
 Batch: BJ11196 Laboratory ID: BJ11196-BSD1
 Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	%	QC LIMITS	
					RPD	REC.
trans-1,2-Dichloroethylene	50.0	52	104	1.09	19.5	76.3 - 139
trans-1,3-Dichloropropylene	50.0	52	104	1.43	19.3	72.5 - 137
Trichloroethylene	50.0	56	111	1.68	20.5	77.9 - 130
Trichlorofluoromethane	50.0	42	83.5	2.51	21.4	57.4 - 133
Vinyl Chloride	50.0	44	88.3	2.40	22.3	54.9 - 124

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Form 5A
Volatile Organic Instrument Performance Check
Bromofluorobenzene (BFB)

Lab Name: York Analytical Laboratories, Inc.
Client: Chazen
Lab File ID: V503715B.D
Instrument ID: VOA No. 5
Calibration: V5C00011

SDG: 11J0711
Project: 41103.00 Kingston CVS
BFB Injection Date: 10/25/11
BFB Injection Time: 16:12

m/e	Ion Abundance Criteria	% Relative Abundance
50	~~10.0-40.0%~~ of mass 95 <i>15-40</i>	27.9 ✓
75	~~30.0-66.0%~~ of mass 95 <i>30-60</i>	52.1
95	Base peak, 100% relative abundance	100.0
96	5.0-9.0% of mass 95	6.4
173	Less than 2.0% of mass 174	0.0 (94.2) 1
174	50.0-100.0% of mass 95	94.2
175	~~5.0-11.0%~~ of mass 174 <i>5-9</i>	7.6 (94.2) 1
176	~~94.0-101.0%~~ of mass 174 <i>95-101</i>	96.8 (94.2) 1
177	5.0-9.0% of mass 176	6.9 (96.8) 2

1- Value is % mass 174

2- Value is % mass 176

This check applies to the following samples, MS, MSD, blanks and standards

	Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1		5 PPB VOA CALIBRATION STD	V503716C.D	10/25/11	16:49
2		10 PPB VOA CALIBRATION STD	V503717C.D	10/25/11	17:26
3		20 PPB VOA CALIBRATION STD	V503718C.D	10/25/11	18:03
4		50 PPB VOA CALIBRATION STD	V503719C.D	10/25/11	18:40
5		100 PPB VOA CALIBRATION STD	V503720C.D	10/25/11	19:17
6		200 PPB VOA CALIBRATION STD	V503721C.D	10/25/11	19:54 ✓
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

Form 5A
Volatile Organic Instrument Performance Check
Bromofluorobenzene (BFB)

Lab Name: York Analytical Laboratories, Inc.
Client: Chazen
Lab File ID: V503784C.D
Instrument ID: VOA No. 5
Calibration: V5C00011

SDG: 11J0711
Project: 41103.00 Kingston CVS
BFB Injection Date: 10/27/11
BFB Injection Time: 11:34

m/e	Ion Abundance Criteria	% Relative Abundance
50	~~10.0-40.0%~~ of mass 95 <i>15-40</i>	28.3 ✓
75	~~30.0-66.0%~~ of mass 95 <i>30-60</i>	53.2
95	Base peak, 100% relative abundance	100.0
96	5.0-9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.0 (89.2) 1
174	50.0-100.0% of mass 95	89.2
175	~~5.0-11.0%~~ of mass 174 <i>5-9</i>	6.7 (89.2) 1
176	~~94.0-101.0%~~ of mass 174 <i>95.101</i>	95.6 (89.2) 1
177	5.0-9.0% of mass 176	6.1 (95.6) 2

1- Value is % mass 174

2-Value is % mass 176

This check applies to the following samples, MS, MSD, blanks and standards

	Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	KC-MW-1 1011	11J0711-01	V503794W.D	10/27/11	17:54
2	KC-MW-2 1011	11J0711-02	V503795W.D	10/27/11	18:32
3	KC-MW-3 1011	11J0711-03	V503796W.D	10/27/11	19:10
4	KC-MW-4 1011	11J0711-04	V503797W.D	10/27/11	19:49
5	KC-MW-5 1011	11J0711-05	V503798W.D	10/27/11	20:27
6	KC-MW-DUP 1011	11J0711-06	V503799W.D	10/27/11	21:06
7	Trip Blank 1011	11J0711-07	V503800W.D	10/27/11	20:44
8		BJ11083-BLK1	V503787B.D	10/27/11	13:26
9		BJ11083-BS1	V503785L.D	10/27/11	12:11
10		BJ11083-BSD1	V503786B.D	10/27/11	12:48
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

Form 5A
Volatile Organic Instrument Performance Check
Bromofluorobenzene (BFB)

Lab Name: York Analytical Laboratories, Inc.
Client: Chazen
Lab File ID: V503885C.D
Instrument ID: VOA No. 5
Calibration: V5C00011

SDG: 11J0711
Project: 41103.00 Kingston CVS
BFB Injection Date: 10/31/11
BFB Injection Time: 21:26

m/e	Ion Abundance Criteria	% Relative Abundance
50	~~10.0-40.0%~~ of mass 95 <i>15-40</i>	27.6 ✓
75	~~30.0-66.0%~~ of mass 95 <i>30-60</i>	54.1
95	Base peak, 100% relative abundance	100.0
96	5.0-9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.0 (81.9) 1
174	50.0-100.0% of mass 95	81.9
175	~~5.0-11.0%~~ of mass 174 <i>5-9</i>	7.8 (81.9) 1
176	~~94.0-101.0%~~ of mass 174 <i>95-101</i>	96.6 (81.9) 1
177	5.0-9.0% of mass 176	7.2 (96.6) 2

1- Value is % mass 174

2- Value is % mass 176

This check applies to the following samples, MS, MSD, blanks and standards

	Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	KC-MW-1 1011	11J0711-01	V503889W.D	10/31/11	23:57
2	KC-MW-DUP 1011	11J0711-06	V503890W.D	11/01/11	00:35
3		BJ11196-BLK1	V503888B.D	10/31/11	23:19
4		BJ11196-BS1	V503886L.D	10/31/11	22:03
5		BJ11196-BSD1	V503887U.D	10/31/11	22:41
6		BJ11196-MS1	V503899M.D	11/01/11	06:18
7		BJ11196-MSD1	V503900D.D	11/01/11	06:56 ✓
8					
9					
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12					
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14					
15					
16					
17					
18					
19					
20					
21					
22					

Form 8A
Volatile Internal Standard Area and RT Summary

Lab Name: York Analytical Laboratories, Inc
Client: Chazen
Sequence: QBV5102711A
Calibration: V5C0001A
Lab File ID: V503784C.D

SDG No: 11J0711
Project: 41103.00 Kingston CVS
Instrument: VOA No. 5
Date Analyzed: 10/27/10
Time Analyzed: 11:34

	IS 1 (FBZ) Area	RT	IS 2 (CBZ) Area	RT	IS 3 (DCB) Area	RT
12 Hour Std	519251	5.66	1869608	8.66	716854	11.62
Upper Limit	1038502	6.16	3739216	9.16	1433708	12.12
Lower Limit	259626	5.16	934804	8.16	358427	11.12
Client Sample ID		✓		✓		✓
KC-MW-1 1011	515475	5.66	1872329	8.66	735290	11.62
KC-MW-2 1011	545288	5.66	1919576	8.66	762950	11.62
KC-MW-3 1011	542196	5.66	1934733	8.65	777354	11.62
KC-MW-4 1011	537567	5.66	1908915	8.65	772135	11.61
KC-MW-5 1011	535029	5.66	1893228	8.65	763555	11.62
KC-MW-DUP 1011	537306	5.66	1887708	8.65	755473	11.61
Trip Blank 1011	524920	5.65	1795408	8.64	715982	11.61
BJ11083-BLK1	536917	5.66	1877180	8.66	771253	11.62
BJ11083-BS1	516229	5.66	1857529	8.66	739582	11.62
BJ11083-BSD1	495005	5.66	1788693	8.66	721919	11.62

IS 1 (FBZ) = Fluorobenzene
IS 2 (CBZ) = Chlorobenzene-d5
IS 3 (DCB) = 1,2-Dichlorobenzene-d4

Area Upper Limit +100% of internal standard area
Area Lower Limit -50% of internal standard area
RT Upper Limit +0.50 minutes of internal standard RT
RT Lower Limit -0.50 minutes of internal standard RT

* = Values outside of QC limits

Form 8A
Volatile Internal Standard Area and RT Summary

Lab Name: York Analytical Laboratories, Inc
Client: Chazen
Sequence: QBV5103111B
Calibration: V5C0001A
Lab File ID: V503885C.D

SDG No: 11J0711
Project: 41103.00 Kingston CVS
Instrument: VOA No. 5
Date Analyzed: 10/31/10
Time Analyzed: 21:26

	IS 1 (FBZ) Area	RT	IS 2 (CBZ) Area	RT	IS 3 (DCB) Area	RT
12 Hour Std	586867	5.63	1983086	8.63	758002	11.59
Upper Limit	1173734	6.13	3966172	9.13	1516004	12.09
Lower Limit	293434	5.13	991543	8.13	379001	11.09
Client Sample ID		✓		✓		✓
KC-MW-1 1011	528935	5.63	1901710	8.63	733124	11.59
KC-MW-DUP 1011	544185	5.63	1897893	8.63	754381	11.59
BJ11196-BLK1	552152	5.63	1928160	8.63	761613	11.59
BJ11196-BS1	550845	5.63	1940245	8.63	749969	11.59
BJ11196-BSD1	550272	5.63	1944039	8.63	748610	11.59
BJ11196-MS1	529105	5.64	1874029	8.63	730136	11.60
BJ11196-MSD1	551945	5.64	1940737	8.63	747310	11.60

IS 1 (FBZ) = Fluorobenzene
IS 2 (CBZ) = Chlorobenzene-d5
IS 3 (DCB) = 1,2-Dichlorobenzene-d4

Area Upper Limit +100% of internal standard area
Area Lower Limit -50% of internal standard area
RT Upper Limit +0.50 minutes of internal standard RT
RT Lower Limit -0.50 minutes of internal standard RT

* = Values outside of QC limits

DATA USABILITY SUMMARY REPORT

for

THE CHAZEN COMPANIES

21 Fox Street

Poughkeepsie, NY 12601

KINGSTON CVS SITE
Groundwater Samples
SDG: 11J0711
Sampled 10/20/2011

METALS

KC-MW-1	1011	(11J0711-01)
KC-MW-2	1011	(11J0711-02)
KC-MW-3	1011	(11J0711-03)
KC-MW-4	1011	(11J0711-04)
KC-MW-5	1011	(11J0711-05)
KC-MW-DUP	1011	(11J0711-06)

DATA ASSESSMENT

An inorganics data package containing analytical results for six groundwater samples was received from The Chazen Companies on 08Dec11. The ASP deliverables package included formal reports, raw data, the necessary QC, and supporting information. The samples, taken from the Kingston CVS Site, were identified by Chain of Custody documents and traceable through the work of York Analytical Laboratories, Inc., the laboratory contracted for analysis. Analyses, performed according to SW-846 Methods 6010 and 7470, addressed Priority Pollutant metals. Laboratory data was evaluated according to the quality assurance / quality control requirements of the New York State Department of Environmental Conservation's Analytical Services Protocol, September 1989, Rev. 07/2005. When the required protocol was not followed, the current EPA Region II Functional Guidelines (SOP HW-2, Rev. 13, Sep. 2006, Evaluation of Metals Data for the Contract Laboratory Program) was used as a technical reference.

The silver results from this group of samples have been qualified as estimations due to a low CRDL recovery.

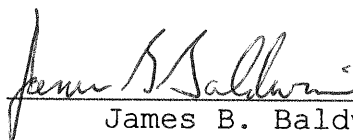
The zinc concentrations reported from this delivery group have been qualified as estimations due to poor serial dilution performance.

CORRECTNESS AND USABILITY

Reported data should be considered technically defensible and completely usable in its present form. Data presenting a usable estimation of the conditions being measured has been flagged "UJ" or "J". Estimated data should be used with caution. A detailed discussion of the review process follows.

Two facts should be considered by all data users. No compound concentration, even if it has passed strict QC testing, can be guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error. Secondly, DATAVAL, Inc. guarantees the quality of this data assessment. However, DATAVAL, Inc. does not warrant any interpretation or utilization of this data by a third party.

Reviewer's signature:


James B. Baldwin

Date: 13 Dec 11

SAMPLE HISTORY

Sample holding times are calculated between the Verified Time of Sample Receipt (VTSR) and the time of analysis. Mercury samples must be analyzed within 26 days of receipt; the remaining metals within 180 days.

This sample delivery group contained six groundwater samples that were collected from the Kingston CVS site on 20Oct11. They were delivered to the laboratory on 21Oct11. The samples arrived intact and properly chilled. A cooler temperature of 4.3°C was recorded at the time of receipt. Proper sample preservation was documented in the field custody record and verified in the laboratory. It is noted that the pH of each sample was not documented at the time of analysis. This area of documentation should be improved. The samples were digested and analyzed for ICP metals on 25Oct11 and for mercury on 26Oct11. The analysis of each sample was completed within the ASP holding time limitations.

CALIBRATIONS

Calibration curves are constructed, using certified materials, to define the linear range of each analytical instrument. Beyond this range, measurements cannot be made with confidence. The calibration curve is immediately tested by analyzing an initial calibration verification standard (ICV). Continuing verifications (CCV) must bracket each group of up to ten samples. ICV and CCV recoveries must meet established criteria.

Each instrument calibration was immediately verified by the analysis of an ICV standard. Continuing calibration checks were made following each group of 10 samples. The calibration checks associated with this group of samples demonstrated acceptable levels of instrument performance and stability.

CONTRACT REQUIRED DETECTION LIMIT STANDARDS (CRDL)

To verify instrument linearity near CRDL, an ICP standard at a concentration of twice CRDL (CRI) is analyzed at the beginning and end of each analytical sequence. A standard equaling CRDL (CRA) must be included in each atomic adsorption sequence. CRDL standards must produce recoveries between 70% and 130%.

CRDL standards were analyzed as required. The recoveries reported for these standards included an unacceptable recovery of silver (26%). The negative silver result from each program sample has been qualified as an estimation based on this indication of negative bias.

BLANKS

Blanks are analyzed to evaluate various sources of sample contamination. Field blanks monitor sampling activities. Preparation blanks are carried through the digestion process with each group of samples to evaluate general laboratory technique. Calibration blanks are run periodically to verify instrument integrity. Samples are considered compromised by conditions causing contamination in any blank.

An initial blank (ICB) was analyzed following the calibration in each analytical sequence. Additional blanks were analyzed after every ten samples (CCB) and at the end of each sequence. A preparation blank was digested and analyzed with this group of samples. Each laboratory prepared blank was free of targeted analyte contamination.

INTERFERENCE CHECK SAMPLE (ICS)

ICS standards are analyzed at the beginning and end of each ICP analysis sequence to verify background and inter-element correction factors. The recoveries of specified analytes are measured in the presence of interfering concentrations of aluminum, calcium, magnesium and iron.

Interference check standards, ICSA and ICSAB, were reported from the beginning and end of each ICP analysis sequence. The ICS performance associated with the analytes targeted by this program satisfied the ASP acceptance criteria.

PREDIGESTION SPIKE

The recovery of spike concentrations added to samples prior to digestion and analysis demonstrates measurement bias caused by sample matrix effects. Predigestion spikes must be recovered within control limits of 75% - 125%.

KC-MW-2 0111 was spiked with the ICP metals targeted by this program. KC-MW-3 1011 was spiked with mercury. The recoveries reported for these additions demonstrated acceptable levels of measurement accuracy.

DUPLICATES

Two aliquots of the same sample are processed separately through all aspects of sample preparation and analysis. Results produced by this pair of samples are compared as a measurement of precision. Poor precision may be indicative of sample non-homogeneity, method defects, or poor laboratory technique.

KC-MW-2 1011 and KC-MW-3 1011 were analyzed in duplicate for ICP metals and mercury. Each pair of duplicate measurements demonstrated an acceptable level of measurement precision.

LABORATORY CONTROL STANDARD

Laboratory control samples are prepared by adding analytes to clean sand or reagent water. Analyte concentrations are then determined without interferences caused by sample matrix effects.

An aqueous LCS standard was digested and analyzed for mercury and ICP metals with this delivery group. An acceptable recovery was reported for each analyte targeted by this program.

SERIAL DILUTION SAMPLE

Possible matrix effects are verified by the process of serial dilutions. Samples are diluted 1:5 to reduce matrix contributions that might bias measurements. The original sample result, and the corrected concentration of the diluted sample are compared. Sample data is qualified if the original concentrations are not recovered within 10%. Analytes with initial concentrations below 50 times IDL are not considered.

KC-MW-4 1011 was prepared as a serial dilution. Of the metals present in the original volume of this sample, at a concentration exceeding 50 times IDL, only zinc differed from the diluted sample by more than 10%. The zinc results from this group of samples have been qualified as estimations based on this performance.

DATA QUALIFICATIONS

Kingston CVS site

Sampled October 2011

			CRDL	SER	DILUTE	
					SILVER	ZINC
KC-MW-1	1011	(11J0711-01)	0.005UJ		0.234J	
KC-MW-2	1011	(11J0711-02)	0.005UJ		0.026J	
KC-MW-3	1011	(11J0711-03)	0.005UJ		0.040J	
KC-MW-4	1011	(11J0711-04)	0.005UJ		0.040J	
KC-MW-5	1011	(11J0711-05)	0.005UJ		0.025J	
KC-MW-DUP	1011	(11J0711-06)	0.005UJ		0.244J	

INORGANIC ANALYSIS DATA SHEET

KC-MW-1 1011

EPA SW846-6010B

Laboratory: York Analytical Laboratories, Inc.SDG: 11J0711Client: Chazen Environmental Services (Poughkeepsie)Project: 41103.00 Kingston CVSMatrix: WaterLaboratory ID: 11J0711-01File ID: qbi102511a-026Sampled: 10/20/11 17:36Prepared: 10/25/11 09:31Analyzed: 10/25/11 12:24Solids: 0.00Preparation: EPA 3010AInitial/Final: 50 mL / 50 mLBatch: BJ10943

Sequence:

Calibration:

Instrument: WinLabICP

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7440-36-0	Antimony	0.005	1		EPA SW846-6010B
7440-38-2	Arsenic	0.010	1		EPA SW846-6010B
7440-41-7	Beryllium	0.001	1	U	EPA SW846-6010B
7440-43-9	Cadmium	0.114	1		EPA SW846-6010B
7440-47-3	Chromium	0.029	1		EPA SW846-6010B
7440-50-8	Copper	0.017	1		EPA SW846-6010B
7439-92-1	Lead	0.007	1		EPA SW846-6010B
7440-02-0	Nickel	0.660	1		EPA SW846-6010B
7782-49-2	Selenium	0.010	1	U	EPA SW846-6010B
7440-22-4	Silver	0.005	1	U	EPA SW846-6010B
7440-28-0	Thallium	0.010	1	U	EPA SW846-6010B
7440-66-6	Zinc	0.234	1	J	EPA SW846-6010B

INORGANIC ANALYSIS DATA SHEET

EPA SW846-6010B

KC-MW-2 1011

Laboratory: York Analytical Laboratories, Inc.SDG: 11J0711Client: Chazen Environmental Services (Poughkeepsie)Project: 41103.00 Kingston CVSMatrix: WaterLaboratory ID: 11J0711-02File ID: qbi102511a-027Sampled: 10/20/11 17:29Prepared: 10/25/11 09:31Analyzed: 10/25/11 12:29Solids: 0.00Preparation: EPA 3010AInitial/Final: 50 mL / 50 mLBatch: BJ10943

Sequence:

Calibration:

Instrument: WinLabICP

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7440-36-0	Antimony	0.005	1	U	EPA SW846-6010B
7440-38-2	Arsenic	0.010	1	U	EPA SW846-6010B
7440-41-7	Beryllium	0.001	1	U	EPA SW846-6010B
7440-43-9	Cadmium	0.003	1	U	EPA SW846-6010B
7440-47-3	Chromium	0.007	1		EPA SW846-6010B
7440-50-8	Copper	0.005	1	U	EPA SW846-6010B
7439-92-1	Lead	0.007	1		EPA SW846-6010B
7440-02-0	Nickel	0.027	1		EPA SW846-6010B
7782-49-2	Selenium	0.012	1		EPA SW846-6010B
7440-22-4	Silver	0.005	1	U	EPA SW846-6010B
7440-28-0	Thallium	0.010	1	U	EPA SW846-6010B
7440-66-6	Zinc	0.026	1	U	EPA SW846-6010B

INORGANIC ANALYSIS DATA SHEET

EPA SW846-6010B

KC-MW-3 1011

Laboratory: York Analytical Laboratories, Inc.SDG: 11J0711Client: Chazen Environmental Services (Poughkeepsie)Project: 41103.00 Kingston CVSMatrix: WaterLaboratory ID: 11J0711-03File ID: qbi102511a-032Sampled: 10/20/11 17:22Prepared: 10/25/11 09:31Analyzed: 10/25/11 12:59Solids: 0.00Preparation: EPA 3010AInitial/Final: 50 mL / 50 mLBatch: BJ10943

Sequence:

Calibration:

Instrument: WinLabICP

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7440-36-0	Antimony	0.007	1		EPA SW846-6010B
7440-38-2	Arsenic	0.011	1		EPA SW846-6010B
7440-41-7	Beryllium	0.001	1	U	EPA SW846-6010B
7440-43-9	Cadmium	0.003	1	U	EPA SW846-6010B
7440-47-3	Chromium	0.012	1		EPA SW846-6010B
7440-50-8	Copper	0.011	1		EPA SW846-6010B
7439-92-1	Lead	0.010	1		EPA SW846-6010B
7440-02-0	Nickel	0.014	1		EPA SW846-6010B
7782-49-2	Selenium	0.010	1	U	EPA SW846-6010B
7440-22-4	Silver	0.005	1	U	EPA SW846-6010B
7440-28-0	Thallium	0.010	1	U	EPA SW846-6010B
7440-66-6	Zinc	0.040	1	J	EPA SW846-6010B

INORGANIC ANALYSIS DATA SHEET

EPA SW846-6010B

KC-MW-4 1011

Laboratory: York Analytical Laboratories, Inc.SDG: 11J0711Client: Chazen Environmental Services (Poughkeepsie)Project: 41103.00 Kingston CVSMatrix: WaterLaboratory ID: 11J0711-04File ID: qbi102511a-033Sampled: 10/20/11 14:14Prepared: 10/25/11 09:31Analyzed: 10/25/11 13:04Solids: 0.00Preparation: EPA 3010AInitial/Final: 50 mL / 50 mLBatch: BJ10943

Sequence:

Calibration:

Instrument: WinLabICP

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7440-36-0	Antimony	0.005	1	U	EPA SW846-6010B
7440-38-2	Arsenic	0.025	1		EPA SW846-6010B
7440-41-7	Beryllium	0.001	1	U	EPA SW846-6010B
7440-43-9	Cadmium	0.003	1	U	EPA SW846-6010B
7440-47-3	Chromium	0.005	1	U	EPA SW846-6010B
7440-50-8	Copper	0.011	1		EPA SW846-6010B
7439-92-1	Lead	0.010	1		EPA SW846-6010B
7440-02-0	Nickel	0.009	1		EPA SW846-6010B
7782-49-2	Selenium	0.010	1	U	EPA SW846-6010B
7440-22-4	Silver	0.005	1	U	EPA SW846-6010B
7440-28-0	Thallium	0.010	1	U	EPA SW846-6010B
7440-66-6	Zinc	0.040	1	J	EPA SW846-6010B

INORGANIC ANALYSIS DATA SHEET

EPA SW846-6010B

KC-MW-5 1011

Laboratory: York Analytical Laboratories, Inc.SDG: 11J0711Client: Chazen Environmental Services (Poughkeepsie)Project: 41103.00 Kingston CVSMatrix: WaterLaboratory ID: 11J0711-05File ID: qbi102511a-034Sampled: 10/20/11 17:15Prepared: 10/25/11 09:31Analyzed: 10/25/11 13:09Solids: 0.00Preparation: EPA 3010AInitial/Final: 50 mL / 50 mLBatch: BJ10943

Sequence:

Calibration:

Instrument: WinLabICP

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7440-36-0	Antimony	0.005	1	U	EPA SW846-6010B
7440-38-2	Arsenic	0.010	1	U	EPA SW846-6010B
7440-41-7	Beryllium	0.001	1	U	EPA SW846-6010B
7440-43-9	Cadmium	0.003	1	U	EPA SW846-6010B
7440-47-3	Chromium	0.005	1	U	EPA SW846-6010B
7440-50-8	Copper	0.007	1		EPA SW846-6010B
7439-92-1	Lead	0.006	1		EPA SW846-6010B
7440-02-0	Nickel	0.005	1		EPA SW846-6010B
7782-49-2	Selenium	0.010	1	U	EPA SW846-6010B
7440-22-4	Silver	0.005	1	U	EPA SW846-6010B
7440-28-0	Thallium	0.010	1	U	EPA SW846-6010B
7440-66-6	Zinc	0.025	1	J	EPA SW846-6010B

INORGANIC ANALYSIS DATA SHEET

EPA SW846-6010B

KC-MW-DUP 1011

Laboratory: York Analytical Laboratories, Inc.SDG: 11J0711Client: Chazen Environmental Services (Poughkeepsie)Project: 41103.00 Kingston CVSMatrix: WaterLaboratory ID: 11J0711-06File ID: qbi102511a-035Sampled: 10/20/11 00:01Prepared: 10/25/11 09:31Analyzed: 10/25/11 13:14Solids: 0.00Preparation: EPA 3010AInitial/Final: 50 mL / 50 mLBatch: BJ10943

Sequence:

Calibration:

Instrument: WinLabICP

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7440-36-0	Antimony	0.005	1	U	EPA SW846-6010B
7440-38-2	Arsenic	0.010	1	U	EPA SW846-6010B
7440-41-7	Beryllium	0.001	1	U	EPA SW846-6010B
7440-43-9	Cadmium	0.126	1		EPA SW846-6010B
7440-47-3	Chromium	0.032	1		EPA SW846-6010B
7440-50-8	Copper	0.018	1		EPA SW846-6010B
7439-92-1	Lead	0.006	1		EPA SW846-6010B
7440-02-0	Nickel	0.703	1		EPA SW846-6010B
7782-49-2	Selenium	0.010	1	U	EPA SW846-6010B
7440-22-4	Silver	0.005	1	U	EPA SW846-6010B
7440-28-0	Thallium	0.010	1	U	EPA SW846-6010B
7440-66-6	Zinc	0.244	1	J	EPA SW846-6010B

Form 2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: York Analytical Laboratories, Inc

SDG: 11J0711

Client: Chazen

Project: 41103.00 Kingston CVS

Initial Calibration Source: Inorganic Ventures

Sequence: QBI102511A

Continuing Calibration Source: Inorganic Ventures

Concentration units: ug/L

Analyte*	Initial Calibration			CCV-1			CCV-2	
	TRUE	FOUND	%R(1)	TRUE	FOUND	% R(1)	FOUND	% R(1)
Arsenic	250	247	99	250	245	98	241	96
Thallium	250	253	101	250	250	100	249	100
Selenium	250	240	96	250	235	94	234	94
Zinc	2500	2563	103	2500	2559	102	2539	102
Antimony	250	271	108	250	263	105	256	102
Lead	250	252	101	250	251	100	249	100
Cadmium	125	122	98	125	123	98	122	98
Cobalt	2500	2537	101	2500	2528	101	2524	101
Nickel	2500	2476	99	2500	2474	99	2470	99
Barium	10000	10360	104	10000	10430	104	10360	104
Manganese	2500	2542	102	2500	2551	102	2539	102
Chromium	1000	1004	100	1000	1002	100	1001	100
Iron	5000	4958	99	5000	4942	99	4949	99
Magnesium	25000	25120	100	25000	25240	101	25040	100
Vanadium	2500	2528	101	2500	2514	101	2506	100
Aluminum	10000	9655	97	10000	9652	97	9631	96
Beryllium	250	254	102	250	261	104	250	100
Copper	1250	1244	100	1250	1239	99	1239	99
Silver	1250	1224	98	1250	1184	95	1222	98
Sodium	25000	23430	94	25000	23350	93	23530	94
Calcium	25000	24380	98	25000	24460	98	24450	98
Aluminum, Radial	10000	9824	98	10000	9818	98	10150	102
Iron, Radial	5000	4900	98	5000	4977	100	4942	99
Calcium, Radial	25000	25120	100	25000	25780	103	25560	102
Potassium, Radial	5000	4554	91	5000	4725	95	4851	97
Magnesium, Radial	25000	24850	99	25000	25330	101	25340	101
Sodium, Radial	25000	25090	100	25000	25360	101	26340	105

* = Axial analysis unless otherwise noted

(1) Control Limits: 90-110 %

Form 2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: York Analytical Laboratories, Inc

SDG: 11J0711

Client: Chazen

Project: 41103.00 Kingston CVS

Initial Calibration Source: Inorganic Ventures

Sequence: QBI102511A

Continuing Calibration Source: Inorganic Ventures

Concentration units: ug/L

Analyte*	Initial Calibration			CCV-3			CCV-4	
	TRUE	FOUND	%R(1)	TRUE	FOUND	% R(1)	FOUND	% R(1)
Arsenic	250	247	99	250	241	96	242	97
Thallium	250	253	101	250	249	100	249	100
Selenium	250	240	96	250	239	96	231	92
Zinc	2500	2563	103	2500	2535	101	2550	102
Antimony	250	271	108	250	258	103	257	103
Lead	250	252	101	250	250	100	252	101
Cadmium	125	122	98	125	121	97	122	98
Cobalt	2500	2537	101	2500	2517	101	2549	102
Nickel	2500	2476	99	2500	2459	98	2499	100
Barium	10000	10360	104	10000	10320	103	10340	103
Manganese	2500	2542	102	2500	2532	101	2549	102
Chromium	1000	1004	100	1000	995	100	1008	101
Iron	5000	4958	99	5000	4921	98	4983	100
Magnesium	25000	25120	100	25000	24990	100	25160	101
Vanadium	2500	2528	101	2500	2500	100	2505	100
Aluminum	10000	9655	97	10000	9578	96	9671	97
Beryllium	250	254.4	102	250	250	100	251	100
Copper	1250	1244	100	1250	1232	99	1256	100
Silver	1250	1224	98	1250	1216	97	1229	98
Sodium	25000	23430	94	25000	23300	93	23670	95
Calcium	25000	24380	98	25000	24380	98	24650	99
Aluminum, Radial	10000	9824	98	10000	9697	97	9540	95
Iron, Radial	5000	4900	98	5000	5164	103	5339	107
Calcium, Radial	25000	25120	100	25000	25670	103	25970	104
Potassium, Radial	5000	4554	91	5000	5079	102	5495	110
Magnesium, Radial	25000	24850	99	25000	26230	105	27130	109
Sodium, Radial	25000	25090	100	25000	27290	109	28670	115

* = Axial analysis unless otherwise noted

(1) Control Limits: 90-110 %

Form 2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: York Analytical Laboratories, Inc

SDG: 11J0711

Client: Chazen

Project: 41103.00 Kingston CVS

Initial Calibration Source: Inorganic Ventures

Sequence: QBI102511A

Continuing Calibration Source: Inorganic Ventures

Concentration units: ug/L

Analyte*	Initial Calibration			CCV-5			CCV-6	
	TRUE	FOUND	%R(1)	TRUE	FOUND	% R(1)	FOUND	%R(1)
Arsenic	250	247	99	250	242	97	241	96
Thallium	250	253	101	250	248	99	249	100
Selenium	250	240	96	250	235	94	233	93
Zinc	2500	2563	103	2500	2565	103	2557	102
Antimony	250	271	108	250	257	103	258	103
Lead	250	252	101	250	250	100	251	100
Cadmium	125	122	98	125	123	98	123	98
Cobalt	2500	2537	101	2500	2556	102	2539	102
Nickel	2500	2476	99	2500	2497	100	2474	99
Barium	10000	10360	104	10000	10460	105	10350	104
Manganese	2500	2542	102	2500	2577	103	2548	102
Chromium	1000	1004	100	1000	1013	101	1013	101
Iron	5000	4958	99	5000	5010	100	4995	100
Magnesium	25000	25120	100	25000	25420	102	25170	101
Vanadium	2500	2528	101	2500	2535	101	2514	101
Aluminum	10000	9655	97	10000	9780	98	9627	96
Beryllium	250	254.4	102	250	253	101	252	101
Copper	1250	1244	100	1250	1258	101	1238	99
Silver	1250	1224	98	1250	1234	99	1226	98
Sodium	25000	23430	94	25000	23750	95	23380	94
Calcium	25000	24380	98	25000	24730	99	24390	98
Aluminum, Radial	10000	9824	98	10000	9244	92	9323	93
Iron, Radial	5000	4900	98	5000	5248	105	5404	108
Calcium, Radial	25000	25120	100	25000	26050	104	26400	106
Potassium, Radial	5000	4554	91	5000	5514	110	5535	111
Magnesium, Radial	25000	24850	99	25000	26730	107	27380	110
Sodium, Radial	25000	25090	100	25000	28820	115	29140	117

* = Axial analysis unless otherwise noted

(1) Control Limits: 90-110 %

**FORM 2B
RL STANDARDS**

Lab Name: York Analytical Laboratories, Inc.

SDG: 11J1077

Client: Chazen

Project: 41103.00 Kingston CVS

ICP Standard Source: Inorganic Ventures

Concentration Units: ug/L

Sequence ID: QBI102511A

Analyte*	Initial			Final		
	TRUE	FOUND	%R	TRUE	FOUND	% R
Arsenic	10.0	9.8	98	10.0	11.5	115
Thallium	10.0	9.6	96	10.0	8.6	86
Selenium	10.0	7.7	77	10.0	9.4	94
Zinc	5.0	5.9	118	5.0	5.9	118
Antimony	10.0	12.8	128	10.0	10.2	102
Lead	5.0	5.1	102	5.0	5.6	112
Cadmium	5.0	5.2	104	5.0	4.9	98
Cobalt	5.0	5.0	100	5.0	4.8	96
Nickel	5.0	5.3	106	5.0	4.6	92
Barium	10.0	11.0	110	10.0	10.9	109
Manganese	5.0	5.2	104	5.0	5.3	106
Chromium	5.0	5.3	106	5.0	5.3	106
Iron	5.0	9.6	192	5.0	9.8	196
Magnesium	--	0	--	--	0	--
Vanadium	5.0	5.0	100	5.0	5.0	100
Aluminum	10.0	15.5	155	10.0	0	0
Beryllium	5.0	4.9	98	5.0	4.9	98
Copper	5.0	6.3	126	5.0	5.4	108
Silver	5.0	4.6	92	5.0	1.3	26
Sodium	--	0	--	--	0	--
Calcium	--	0	--	--	0	--
Aluminum, Radial	10.0	0	0	10.0	0	0
Iron, Radial	5.0	0.1	2	5.0	5.3	106
Calcium, Radial	--	0	--	--	0	--
Potassium, Radial	--	0	--	--	0	--
Magnesium, Radial	--	0	--	--	0	--
Sodium, Radial	--	0	--	--	0	--

* = Axial analysis unless otherwise noted

**Form 3
BLANKS**

Lab Name: York Analytical Laboratories, Inc.

SDG: 11J077

Client: Chazen

Project: 41103.00 Kingston
CVS

Preparation Blank Matrix: Aqueous

Prep. Blank ID: BJ10943-BLK1

Preparation Blank Concentration Units: ug/l

Sequence ID: QBI102511A

	Analyte*	Initial Calibration		Continuing Calibration Blanks (ug/L)						Preparation Blank	
		Blank-ug/L	Result	1	C	2	C	3	C	Blank Result	C
10	Arsenic	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U
10	Thallium	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U
10	Selenium	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U
20	Zinc	20.0	U	20.0	U	20.0	U	20.0	U	20.0	U
5	Antimony	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
3	Lead	3.0	U	3.0	U	3.0	U	3.0	U	3.0	U
3	Cadmium	3.0	U	3.0	U	3.0	U	3.0	U	3.0	U
5	Cobalt	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
5	Nickel	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
10	Barium	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U
5	Manganese	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
5	Chromium	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
10	Iron	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U
20	Magnesium	20.0	U	20.0	U	20.0	U	20.0	U	20.0	U
10	Vanadium	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U
10	Aluminum	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U
1	Beryllium	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
5	Copper	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
5	Silver	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
100	Sodium	100.0	U	100.0	U	100.0	U	100.0	U	100.0	U
20	Calcium	20.0	U	20.0	U	20.0	U	20.0	U	20.0	U
10	Aluminum, Radial	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U
10	Iron, Radial	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U
20	Calcium, Radial	20.0	U	20.0	U	20.0	U	20.0	U	20.0	U
50	Potassium, Radial	50.0	U	50.0	U	50.0	U	50.0	U	50.0	U
20	Magnesium, Radial	20.0	U	20.0	U	20.0	U	20.0	U	20.0	U
100	Sodium, Radial	100.0	U	100.0	U	100.0	U	100.0	U	100.0	U

* = Axial analysis unless otherwise noted

**Form 3
BLANKS**

Lab Name: York Analytical Laboratories, Inc.

SDG: 11J077

Client: Chazen

Project: 41103.00 Kingston
CVS

Preparation Blank Matrix: Aqueous

Prep. Blank ID: BJ10943-BLK1

Preparation Blank Concentration:

Sequence ID: QBI102511A

	Analyte*	Initial Calibration Blank-ug/L		Continuing Calibration Blanks (ug/L)							
		Result	C	4	C	5	C	6	C		
10	Arsenic	10.0	U	10.0	U	10.0	U	10.0	U		
10	Thallium	10.0	U	10.0	U	10.0	U	10.0	U		
10	Selenium	10.0	U	10.0	U	10.0	U	10.0	U		
20	Zinc	20.0	U	20.0	U	20.0	U	20.0	U		
5	Antimony	5.0	U	5.0	U	5.0	U	5.0	U		
3	Lead	3.0	U	3.0	U	3.0	U	3.0	U		
3	Cadmium	3.0	U	3.0	U	3.0	U	3.0	U		
5	Cobalt	5.0	U	5.0	U	5.0	U	5.0	U		
5	Nickel	5.0	U	5.0	U	5.0	U	5.0	U		
10	Barium	10.0	U	10.0	U	10.0	U	10.0	U		
5	Manganese	5.0	U	5.0	U	5.0	U	5.0	U		
5	Chromium	5.0	U	5.0	U	5.0	U	5.0	U		
10	Iron	10.0	U	10.0	U	10.0	U	10.0	U		
20	Magnesium	20.0	U	20.0	U	20.0	U	20.0	U		
10	Vanadium	10.0	U	10.0	U	10.0	U	10.0	U		
10	Aluminum	10.0	U	10.0	U	10.0	U	10.0	U		
1	Beryllium	1.0	U	1.0	U	1.0	U	1.0	U		
5	Copper	5.0	U	5.0	U	5.0	U	5.0	U		
5	Silver	5.0	U	5.0	U	5.0	U	5.0	U		
100	Sodium	100.0	U	100.0	U	100.0	U	100.0	U		
20	Calcium	20.0	U	30.6	B	20.0	U	20.0	U		
10	Aluminum, Radial	10.0	U	10.0	U	10.0	U	10.0	U		
10	Iron, Radial	10.0	U	10.0	U	10.0	U	10.0	U		
20	Calcium, Radial	20.0	U	20.0	U	20.0	U	20.0	U		
50	Potassium, Radial	50.0	U	128.0	B	84.2	B	58.7	B		
20	Magnesium, Radial	20.0	U	20.0	U	20.0	U	20.0	U		
100	Sodium, Radial	100.0	U	127.9	B	238.6	B	100.0	U		

* = Axial analysis unless otherwise noted

FORM 4
ICP INTERFERENCE CHECK SAMPLE

Lab Name: York Analytical Laboratories Inc.

SDG: 11J1077

Client: Chazen

Project: 41103.00 Kingston CVS

ICS Source: Inorganic Ventures

Sequence: QBI102511A

ICP ID No.: PE Optima 7300 DV

Concentration Units: ug/L

Analyte*	TRUE		Initial Found			Final Found		
	Sol. A	Sol. B	Sol. A	Sol. AB	% R	Sol. A	Sol. AB	% R
Arsenic		500		530.0	106	3.8	521.0	104
Thallium		500		459.0	92	1.7	457.0	91
Selenium		500		493.0	99	0.0	493.0	99
Zinc		1000		909.0	91	0.0	897.0	90
Antimony		500		500.0	100	0.0	478.0	96
Lead		1000		904.0	90	0.0	891.0	89
Cadmium		1000		911.0	91	0.0	902.0	90
Cobalt		500		462.0	92	0.0	456.0	91
Nickel		1000		1090.0	109	46.1	1071.0	107
Barium		500		528.0	106	3.8	523.8	105
Manganese		500		473.0	95	0.0	470.6	94
Chromium		500		469.0	94	0.0	466.6	93
Iron	200000		177300.0	17900.0	89	177200.0	178900.0	89
Magnesium	500000		490900.0	491800.0	98	48930.0	491900.0	10
Vanadium		500		497.0	99	11.2	493.0	99
Aluminum	500000		512500.0	512500.0	103	512900.0	513300.0	103
Beryllium		500		499.0	100	0.0	493.0	99
Copper		500		515.0	103	0.0	511.0	102
Silver		1000		1072.0	107	0.0	1062.0	106
Sodium	--	--			--			--
Calcium	500000		553400.0	543400.0	111	543600.0	539700.0	109
Aluminum, Radial	500000		510600.0	513700.0	102	494600.0	484100.0	99
Iron, Radial	200000		192000.0	192100.0	96	205100.0	206500.0	103
Calcium, Radial	500000		492800.0	493600.0	99	494700.0	497700.0	99
Potassium, Radial	--	--			--			--
Magnesium, Radial	500000		488700.0	488100.0	98	517200.0	519000.0	103
Sodium, Radial	--	--			--			--

* = Axial analysis unless otherwise noted

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA SW846-6010B

KC-MW-2 1011

Laboratory: York Analytical Laboratories, Inc.

SDG: 11J0711

Client: Chazen Environmental Services (Poughkeepsie)

Project: 41103.00 Kingston CVS

Matrix: Water

Batch: BJ10943

Laboratory ID: BJ10943-MS1

Preparation: EPA 3010A

Initial/Final: 50 mL / 50 mL

Source Sample Name: KC-MW-2 1011

COMPOUND	SPIKE ADDED (mg/L)	SAMPLE CONCENTRATION (mg/L)	MS CONCENTRATION (mg/L)	MS % REC. #	QC LIMITS REC.
Antimony	0.250	ND	0.268	107	75 - 125
Arsenic	2.00	0.003	2.29	114	75 - 125
Beryllium	0.0500	ND	0.054	109	75 - 125
Cadmium	0.0500	ND	0.053	105	75 - 125
Chromium	0.200	0.007	0.214	104	75 - 125
Copper	0.250	0.005	0.288	113	75 - 125
Lead	0.500	0.007	0.510	101	75 - 125
Nickel	0.500	0.027	0.576	110	75 - 125
Selenium	2.00	0.012	2.32	116	75 - 125
Silver	0.0500	ND	0.046	92.5	75 - 125
Thallium	2.00	ND	2.00	100	75 - 125
Zinc	0.500	0.026	0.560	107	75 - 125

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

DUPLICATES
EPA SW846-6010B

KC-MW-2 1011

Laboratory: York Analytical Laboratories, Inc.

SDG: 11J0711

Client: Chazen Environmental Services (Poughkeepsie)

Project: 41103.00 Kingston CVS

Matrix: Water

Laboratory ID: BJ10943-DUP1

Batch: BJ10943

Lab Source ID: 11J0711-02

Preparation: EPA 3010A

Initial/Final: 50 mL / 50 mL

Source Sample Name: KC-MW-2 1011

% Solids:

ANALYTE	CONTROL LIMIT	SAMPLE CONCENTRATION (mg/L)	C	DUPLICATE CONCENTRATION (mg/L)	C	RPD %	Q	METHOD
Antimony	20	ND		ND				EPA SW846-6010B
Arsenic	20	0.003		ND				EPA SW846-6010B
Beryllium	20	ND		ND				EPA SW846-6010B
Cadmium	20	ND		ND				EPA SW846-6010B
Chromium	20	0.007		0.007		2.64		EPA SW846-6010B
Copper	20	0.005		0.005		3.33		EPA SW846-6010B
Lead	20	0.007		0.007		1.67		EPA SW846-6010B
Nickel	20	0.027		0.027		0.772		EPA SW846-6010B
Selenium	20	0.012		0.012		5.18		EPA SW846-6010B
Silver	20	ND		ND				EPA SW846-6010B
Thallium	20	ND		ND				EPA SW846-6010B
Zinc	20	0.026		0.026		0.595		EPA SW846-6010B

* Values outside of QC limits

STANDARD REFERENCE MATERIAL RECOVERY

EPA SW846-6010B

Laboratory: York Analytical Laboratories, Inc.

SDG: 11J0711

Client: Chazen Environmental Services (Poughkeepsie)

Project: General Bid 2010

Matrix: Water

Batch: BJ10943

Laboratory ID: BJ10943-SRM1

Preparation: EPA 3010A

Initial/Final: 50 mL / 50 mL

ANALYTE	TRUE (mg/L)	FOUND (mg/L)	SRM % REC.	QC LIMITS REC.
Antimony	0.445	0.457	103	69.4 - 121
Arsenic	0.528	0.502	95.0	83.7 - 117
Beryllium	0.790	0.765	96.8	85.1 - 113
Cadmium	0.554	0.560	101	85.4 - 114
Chromium	0.751	0.773	103	87.2 - 113
Copper	0.287	0.305	106	89.9 - 110
Lead	0.821	0.849	103	87.6 - 112
Nickel	0.836	0.882	106	90 - 112
Selenium	0.770	0.717	93.1	79.4 - 116
Silver	0.121	0.112	92.3	85.1 - 115
Thallium	0.747	0.766	103	82.2 - 119
Zinc	0.403	0.405	101	85.6 - 116

* Values outside of QC limits

FORM 9A
ICP SERIAL DILUTIONS

Lab Name: York Analytical Laboratories, Inc. Client Sample ID: KC-MW-4 1011
 Client: Chazen
 Matrix: Aqueous SDG: 11J0711
 ICP ID No.: PE Optima 7300 DV Project: 41103.00 Kingston CVS
 Sequence ID: QBV1102511A Laboratory ID: 11J0711-04

Analyte*	Initial Sample		Serial Dilution		% Difference	Q	M
	Result (I)**	C	Result (S)	C			
Arsenic		U		U			P
Thallium		U		U		-	P
Selenium		U		U			P
Zinc	40.2		47.0		16.9	#	P
Antimony		U		U			P
Lead		U		U			P
Cadmium		U		U			P
Cobalt		U		U			P
Nickel		U		U			P
Barium	273.4		277.0		1.3		P
Manganese	1860.0		1910.5		2.7		P
Chromium		U		U			P
Iron	7097.0		7130.0		0.5		P
Magnesium	41010.0		43015.0		4.9		P
Vanadium		U		U			P
Aluminum	2969.0		2458.5		17.2	#	P
Beryllium		U		U			P
Copper		U		U			P
Silver		U		U			P
Sodium	652000.0		511000.0		21.6	#	P
Calcium	204600.0		191300.0		6.5		P
Aluminum, Radial	2542.0		2420.0		4.8		P
Iron, Radial	7421.0		7865.0		6.0		P
Calcium, Radial	195800.0		206150.0		5.3		P
Potassium, Radial	7727.0		8565.0		10.8	#	P
Magnesium, Radial	43420.0		45320.0		4.4		P
Sodium, Radial	540700.0		591000.0		9.3		P

* = Axial analysis unless otherwise noted
 ** = reported when result is 50 times IDL
 # = Values outside of QC limits

INORGANIC ANALYSIS DATA SHEET

KC-MW-1 1011

EPA SW846-7470

Laboratory: York Analytical Laboratories, Inc.SDG: 11J0711Client: Chazen Environmental Services (Poughkeepsie)Project: 41103.00 Kingston CVSMatrix: WaterLaboratory ID: 11J0711-01

File ID:

Sampled: 10/20/11 17:36Prepared: 10/26/11 16:11Analyzed: 10/26/11 16:11Solids: 0.00Preparation: EPA SW846-7470Initial/Final: 100 mL / 100 mLBatch: BJ10998

Sequence:

Calibration:

Instrument: Inst

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.0002	1	U	EPA SW846-7470

XPS

INORGANIC ANALYSIS DATA SHEET

KC-MW-2 1011

EPA SW846-7470

Laboratory: York Analytical Laboratories, Inc.SDG: 11J0711Client: Chazen Environmental Services (Poughkeepsie)Project: 41103.00 Kingston CVSMatrix: WaterLaboratory ID: 11J0711-02

File ID:

Sampled: 10/20/11 17:29Prepared: 10/26/11 16:11Analyzed: 10/26/11 16:11Solids: 0.00Preparation: EPA SW846-7470Initial/Final: 100 mL / 100 mLBatch: BJ10998

Sequence:

Calibration:

Instrument: Inst

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.0002	1	U	EPA SW846-7470

MB

INORGANIC ANALYSIS DATA SHEET

KC-MW-3 1011

EPA SW846-7470

Laboratory: York Analytical Laboratories, Inc.SDG: 11J0711Client: Chazen Environmental Services (Poughkeepsie)Project: 41103.00 Kingston CVSMatrix: WaterLaboratory ID: 11J0711-03

File ID:

Sampled: 10/20/11 17:22Prepared: 10/26/11 16:11Analyzed: 10/26/11 16:11Solids: 0.00Preparation: EPA SW846-7470Initial/Final: 100 mL / 100 mLBatch: BJ10998

Sequence:

Calibration:

Instrument: Inst

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.0002	1	U	EPA SW846-7470

783

INORGANIC ANALYSIS DATA SHEET

KC-MW-4 1011

EPA SW846-7470

Laboratory: York Analytical Laboratories, Inc.SDG: 11J0711Client: Chazen Environmental Services (Poughkeepsie)Project: 41103.00 Kingston CVSMatrix: WaterLaboratory ID: 11J0711-04

File ID:

Sampled: 10/20/11 14:14Prepared: 10/26/11 16:11Analyzed: 10/26/11 16:11Solids: 0.00Preparation: EPA SW846-7470Initial/Final: 100 mL / 100 mLBatch: BJ10998

Sequence:

Calibration:

Instrument: Inst

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.0002	1	U	EPA SW846-7470

2/9/13

INORGANIC ANALYSIS DATA SHEET

EPA SW846-7470

KC-MW-5 1011

Laboratory: York Analytical Laboratories, Inc.SDG: 11J0711Client: Chazen Environmental Services (Poughkeepsie)Project: 41103.00 Kingston CVSMatrix: WaterLaboratory ID: 11J0711-05

File ID:

Sampled: 10/20/11 17:15Prepared: 10/26/11 16:11Analyzed: 10/26/11 16:11Solids: 0.00Preparation: EPA SW846-7470Initial/Final: 100 mL / 100 mLBatch: BJ10998

Sequence:

Calibration:

Instrument: Inst

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.0002	1	U	EPA SW846-7470

785

INORGANIC ANALYSIS DATA SHEET

EPA SW846-7470

KC-MW-DUP 1011

Laboratory: York Analytical Laboratories, Inc.SDG: 11J0711Client: Chazen Environmental Services (Poughkeepsie)Project: 41103.00 Kingston CVSMatrix: WaterLaboratory ID: 11J0711-06

File ID:

Sampled: 10/20/11 00:01Prepared: 10/26/11 16:11Analyzed: 10/26/11 16:11Solids: 0.00Preparation: EPA SW846-7470Initial/Final: 100 mL / 100 mLBatch: BJ10998

Sequence:

Calibration:

Instrument: Inst

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.0002	1	U	EPA SW846-7470

743

Form 2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION (Hg)

Lab Name: York Analytical Laboratories, Inc.

SDG: 11J0711

Client: Chazen

Project: 41103.00 Kingston CVS

I Cal Source: Inorganic Ventures

Sequence: 102611

C Cal Source: Inorganic Ventures

Concentration units: ug/L

Analyte	Initial Calibration			TRUE	CCV 2		CCV 3	
	TRUE	FOUND	%R(1)		FOUND	% R(1)	FOUND	% R(1)
Mercury	3.00	2.81	94	3.00	2.60	87	2.89	96

(1) Control Limits Hg 80-120 %

Form 2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION (Hg)

Lab Name: York Analytical Laboratories, Inc.

SDG: 11J0711

Client: Chazen

Project: 41103.00 Kingston CVS

I Cal Source: Inorganic Ventures

Sequence: 102611.0

C Cal Source: Inorganic Ventures

Concentration units: ug/L

Analyte	Initial Calibration			TRUE	CCV 5			CCV 6	
	TRUE	FOUND	%R(1)		FOUND	% R(1)	FOUND	% R(1)	
Mercury	3.00	2.81	94	3.00	2.84	95	2.53	84	

(1) Control Limits Hg 80-120 %

**Form 3
BLANKS**

Lab Name: York Analytical Laboratories, Inc

SDG: 11J0711

Client: Chazen

Project: 41103.00 Kingston CVS

Preparation Blank Matrix: water

Prep Blank ID: BJ10998-BLK

Prep. Blank Conc. Units: ug/l

Sequence ID: 102611

Analyte	Initial Calibration Blank-ug/L		Continuing Calibration Blanks (ug/L)						Preparation Blank		M
	Result	C	1	C	2	C	3		Result	C	
Mercury	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	CV

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA SW846-7470

KC-MW-3 1011

Laboratory: York Analytical Laboratories, Inc. SDG: 11J0711
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.00 Kingston CVS
 Matrix: Water
 Batch: BJ10998 Laboratory ID: BJ10998-MS1
 Preparation: EPA SW846-7470 Initial/Final: 100 mL / 100 mL
 Source Sample Name: KC-MW-3 1011

COMPOUND	SPIKE ADDED (mg/L)	SAMPLE CONCENTRATION (mg/L)	MS CONCENTRATION (mg/L)	MS % REC. #	QC LIMITS REC.
Mercury	0.00300	ND	0.0027	91.1	75 - 125

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

DUPLICATES

EPA SW846-7470

KC-MW-3 1011

Laboratory: York Analytical Laboratories, Inc.

SDG: 11J0711

Client: Chazen Environmental Services (Poughkeepsie)

Project: 41103.00 Kingston CVS

Matrix: Water

Laboratory ID: BJ10998-DUP1

Batch: BJ10998

Lab Source ID: 11J0711-03

Preparation: EPA SW846-7470

Initial/Final: 100 mL / 100 mL

Source Sample Name: KC-MW-3 1011

% Solids:

ANALYTE	CONTROL LIMIT	SAMPLE CONCENTRATION (mg/L)	C	DUPLICATE CONCENTRATION (mg/L)	C	RPD %	Q	METHOD
Mercury	20	ND		ND				EPA SW846-7470

* Values outside of QC limits

LCS / LCS DUPLICATE RECOVERY

EPA SW846-7470

Laboratory: York Analytical Laboratories, Inc. SDG: 11J0711
Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.00 Kingston CVS
Matrix: Water
Batch: BJ10998 Laboratory ID: BJ10998-BS1
Preparation: EPA SW846-7470 Initial/Final: 100 mL / 100 mL

COMPOUND	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC. #	QC LIMITS REC.
Mercury	0.00300	0.002536	84.5 ✓	80 - 120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

DATAVAL, INC.

Environmental Data Validation

JAMES B. BALDWIN, JR.
Phone/Fax (607) 642-5460

518 Hooper Road, PMB 283
Endwell, NY 13760

Technical Report

prepared for:

Chazen Environmental Services (Poughkeepsie)
21 Fox Street
Poughkeepsie NY, 12601
Attention: Eric Orlowski

Report Date: 04/05/2012
Client Project ID: 41103.00 Kingston CVS
York Project (SDG) No.: 12C1032

CT License No. PH-0723

New Jersey License No. CT-005



New York License No. 10854

PA License No. 68-04440

Report Date: 04/05/2012
Client Project ID: 41103.00 Kingston CVS
York Project (SDG) No.: 12C1032

Chazen Environmental Services (Poughkeepsie)
21 Fox Street
Poughkeepsie NY, 12601
Attention: Eric Orlowski

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 March 29, 2012 and listed below. The project was identified as your project: **41103.00 Kingston CVS**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
12C1032-01	KC-MW-01 0312	Water	03/27/2012	03/29/2012
12C1032-02	KC-MW-02 0312	Water	03/27/2012	03/29/2012
12C1032-03	KC-MW-03 0312	Water	03/27/2012	03/29/2012
12C1032-04	KC-MW-04 0312	Water	03/27/2012	03/29/2012
12C1032-05	KC-MW-05 0312	Water	03/27/2012	03/29/2012
12C1032-06	KC-FD-01 0312	Water	03/27/2012	03/29/2012
12C1032-07	TRIP BLANK 0312	Water	03/27/2012	03/29/2012

General Notes for York Project (SDG) No.: 12C1032

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: 04/05/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: KC-MW-01 0312

York Sample ID: 12C1032-01

York Project (SDG) No.

12C1032

Client Project ID

41103.00 Kingston CVS

Matrix

Water

Collection Date/Time

March 27, 2012 6:15 pm

Date Received

03/29/2012

Volatile Organics, 8260 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
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 02:34	SS
71-55-6	1,1,1-Trichloroethane	1.3	J	ug/L	0.95	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 02:34	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.57	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 02:34	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.60	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 02:34	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 02:34	SS
75-34-3	1,1-Dichloroethane	6.4		ug/L	0.69	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 02:34	SS
75-35-4	1,1-Dichloroethylene	8.2		ug/L	1.3	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 02:34	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 02:34	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.37	10	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 02:34	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	1.1	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 02:34	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.48	10	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 02:34	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.53	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 02:34	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	1.3	10	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 02:34	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 02:34	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 02:34	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.65	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 02:34	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.22	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 02:34	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.37	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 02:34	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.47	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 02:34	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.69	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 02:34	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 02:34	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.96	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 02:34	SS
78-93-3	2-Butanone	ND		ug/L	2.6	10	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 02:34	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 02:34	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 02:34	SS
67-64-1	Acetone	8.1	J, B	ug/L	3.1	10	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 02:34	SS
71-43-2	Benzene	ND		ug/L	0.48	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 02:34	SS
108-86-1	Bromobenzene	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 02:34	SS
74-97-5	Bromochloromethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 02:34	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.62	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 02:34	SS
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 02:34	SS
74-83-9	Bromomethane	ND		ug/L	1.2	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 02:34	SS
56-23-5	Carbon tetrachloride	ND		ug/L	1.0	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 02:34	SS
108-90-7	Chlorobenzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 02:34	SS

Sample Information

Client Sample ID: KC-MW-01 0312

York Sample ID: 12C1032-01

York Project (SDG) No.
12C1032

Client Project ID
41103.00 Kingston CVS

Matrix
Water

Collection Date/Time
March 27, 2012 6:15 pm

Date Received
03/29/2012

Volatile Organics, 8260 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
75-00-3	Chloroethane	ND		ug/L	0.76	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 02:34	SS
67-66-3	Chloroform	ND		ug/L	0.36	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 02:34	SS
74-87-3	Chloromethane	ND		ug/L	0.89	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 02:34	SS
156-59-2	cis-1,2-Dichloroethylene	1900		ug/L	48	250	50	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 16:43	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 02:34	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.67	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 02:34	SS
74-95-3	Dibromomethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 02:34	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.83	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 02:34	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 02:34	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 02:34	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.39	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 02:34	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.38	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 02:34	SS
75-09-2	Methylene chloride	4.2	J, B	ug/L	1.1	10	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 02:34	SS
91-20-3	Naphthalene	1.5	J, B	ug/L	0.50	10	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 02:34	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.32	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 02:34	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 02:34	SS
95-47-6	o-Xylene	ND		ug/L	0.50	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 02:34	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.55	10	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 02:34	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.25	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 02:34	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 02:34	SS
100-42-5	Styrene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 02:34	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.46	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 02:34	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 02:34	SS
108-88-3	Toluene	ND		ug/L	0.23	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 02:34	SS
156-60-5	trans-1,2-Dichloroethylene	75		ug/L	0.65	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 02:34	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 02:34	SS
79-01-6	Trichloroethylene	1200		ug/L	28	250	50	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 16:43	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.91	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 02:34	SS
75-01-4	Vinyl Chloride	160	J	ug/L	48	250	50	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 16:43	SS
1330-20-7	Xylenes, Total	ND		ug/L	1.0	15	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 02:34	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	100 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	92.2 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	96.0 %	81.2-127								

Sample Information

Client Sample ID: KC-MW-01 0312

York Sample ID: 12C1032-01

<u>York Project (SDG) No.</u> 12C1032	<u>Client Project ID</u> 41103.00 Kingston CVS	<u>Matrix</u> Water	<u>Collection Date/Time</u> March 27, 2012 6:15 pm	<u>Date Received</u> 03/29/2012

Metals, Priority Pollutant

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	04/02/2012 16:14	04/02/2012 18:49	MW
7440-38-2	Arsenic	ND		mg/L	0.001	0.010	1	EPA SW846-6010B	04/02/2012 16:14	04/02/2012 18:49	MW
7440-41-7	Beryllium	ND		mg/L	0.0009	0.001	1	EPA SW846-6010B	04/02/2012 16:14	04/02/2012 18:49	MW
7440-43-9	Cadmium	0.047		mg/L	0.001	0.003	1	EPA SW846-6010B	04/02/2012 16:14	04/02/2012 18:49	MW
7440-47-3	Chromium	0.005		mg/L	0.0009	0.005	1	EPA SW846-6010B	04/02/2012 16:14	04/02/2012 18:49	MW
7440-50-8	Copper	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	04/02/2012 16:14	04/02/2012 18:49	MW
7439-92-1	Lead	0.003		mg/L	0.001	0.003	1	EPA SW846-6010B	04/02/2012 16:14	04/02/2012 18:49	MW
7440-02-0	Nickel	0.749		mg/L	0.0008	0.005	1	EPA SW846-6010B	04/02/2012 16:14	04/02/2012 18:49	MW
7782-49-2	Selenium	0.022		mg/L	0.002	0.010	1	EPA SW846-6010B	04/02/2012 16:14	04/02/2012 18:49	MW
7440-22-4	Silver	ND		mg/L	0.001	0.005	1	EPA SW846-6010B	04/02/2012 16:14	04/02/2012 18:49	MW
7440-28-0	Thallium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B	04/02/2012 16:14	04/02/2012 18:49	MW
7440-66-6	Zinc	0.144		mg/L	0.0009	0.020	1	EPA SW846-6010B	04/02/2012 16:14	04/02/2012 18:49	MW

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00004	0.0002	1	EPA SW846-7470/EPA 245.1	04/03/2012 09:36	04/03/2012 09:36	AA

Sample Information

Client Sample ID: KC-MW-02 0312

York Sample ID: 12C1032-02

<u>York Project (SDG) No.</u> 12C1032	<u>Client Project ID</u> 41103.00 Kingston CVS	<u>Matrix</u> Water	<u>Collection Date/Time</u> March 27, 2012 6:07 pm	<u>Date Received</u> 03/29/2012

Volatile Organics, 8260 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
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 03:19	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.95	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 03:19	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.57	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 03:19	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.60	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 03:19	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 03:19	SS
75-34-3	1,1-Dichloroethane	1.3	J	ug/L	0.69	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 03:19	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 03:19	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 03:19	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.37	10	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 03:19	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	1.1	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 03:19	SS

Sample Information

Client Sample ID: KC-MW-02 0312

York Sample ID: 12C1032-02

York Project (SDG) No.
12C1032

Client Project ID
41103.00 Kingston CVS

Matrix
Water

Collection Date/Time
March 27, 2012 6:07 pm

Date Received
03/29/2012

Volatile Organics, 8260 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
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.48	10	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 03:19	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.53	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 03:19	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	1.3	10	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 03:19	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 03:19	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 03:19	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.65	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 03:19	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.22	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 03:19	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.37	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 03:19	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.47	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 03:19	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.69	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 03:19	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 03:19	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.96	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 03:19	SS
78-93-3	2-Butanone	ND		ug/L	2.6	10	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 03:19	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 03:19	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 03:19	SS
67-64-1	Acetone	8.2	J, B	ug/L	3.1	10	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 03:19	SS
71-43-2	Benzene	ND		ug/L	0.48	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 03:19	SS
108-86-1	Bromobenzene	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 03:19	SS
74-97-5	Bromochloromethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 03:19	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.62	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 03:19	SS
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 03:19	SS
74-83-9	Bromomethane	ND		ug/L	1.2	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 03:19	SS
56-23-5	Carbon tetrachloride	ND		ug/L	1.0	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 03:19	SS
108-90-7	Chlorobenzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 03:19	SS
75-00-3	Chloroethane	ND		ug/L	0.76	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 03:19	SS
67-66-3	Chloroform	ND		ug/L	0.36	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 03:19	SS
74-87-3	Chloromethane	ND		ug/L	0.89	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 03:19	SS
156-59-2	cis-1,2-Dichloroethylene	29		ug/L	0.96	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 03:19	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 03:19	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.67	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 03:19	SS
74-95-3	Dibromomethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 03:19	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.83	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 03:19	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 03:19	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 03:19	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.39	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 03:19	SS

Sample Information

Client Sample ID: KC-MW-02 0312

York Sample ID: 12C1032-02

York Project (SDG) No.
12C1032

Client Project ID
41103.00 Kingston CVS

Matrix
Water

Collection Date/Time
March 27, 2012 6:07 pm

Date Received
03/29/2012

Volatile Organics, 8260 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
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.38	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 03:19	SS
75-09-2	Methylene chloride	3.6	J, B	ug/L	1.1	10	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 03:19	SS
91-20-3	Naphthalene	1.2	J	ug/L	0.50	10	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 03:19	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.32	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 03:19	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 03:19	SS
95-47-6	o-Xylene	ND		ug/L	0.50	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 03:19	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.55	10	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 03:19	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.25	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 03:19	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 03:19	SS
100-42-5	Styrene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 03:19	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.46	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 03:19	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 03:19	SS
108-88-3	Toluene	ND		ug/L	0.23	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 03:19	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.65	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 03:19	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 03:19	SS
79-01-6	Trichloroethylene	3.8	J	ug/L	0.57	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 03:19	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.91	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 03:19	SS
75-01-4	Vinyl Chloride	5.7		ug/L	0.97	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 03:19	SS
1330-20-7	Xylenes, Total	ND		ug/L	1.0	15	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 03:19	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	96.1 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	92.8 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	100 %	81.2-127								

Metals, Priority Pollutant

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	04/02/2012 16:14	04/02/2012 19:07	MW
7440-38-2	Arsenic	ND		mg/L	0.001	0.010	1	EPA SW846-6010B	04/02/2012 16:14	04/02/2012 19:07	MW
7440-41-7	Beryllium	ND		mg/L	0.0009	0.001	1	EPA SW846-6010B	04/02/2012 16:14	04/02/2012 19:07	MW
7440-43-9	Cadmium	ND		mg/L	0.001	0.003	1	EPA SW846-6010B	04/02/2012 16:14	04/02/2012 19:07	MW
7440-47-3	Chromium	0.005		mg/L	0.0009	0.005	1	EPA SW846-6010B	04/02/2012 16:14	04/02/2012 19:07	MW
7440-50-8	Copper	0.006		mg/L	0.002	0.005	1	EPA SW846-6010B	04/02/2012 16:14	04/02/2012 19:07	MW
7439-92-1	Lead	0.006		mg/L	0.001	0.003	1	EPA SW846-6010B	04/02/2012 16:14	04/02/2012 19:07	MW
7440-02-0	Nickel	0.033		mg/L	0.0008	0.005	1	EPA SW846-6010B	04/02/2012 16:14	04/02/2012 19:07	MW
7782-49-2	Selenium	0.021		mg/L	0.002	0.010	1	EPA SW846-6010B	04/02/2012 16:14	04/02/2012 19:07	MW
7440-22-4	Silver	ND		mg/L	0.001	0.005	1	EPA SW846-6010B	04/02/2012 16:14	04/02/2012 19:07	MW

Sample Information

Client Sample ID: KC-MW-02 0312

York Sample ID: 12C1032-02

York Project (SDG) No.
12C1032

Client Project ID
41103.00 Kingston CVS

Matrix
Water

Collection Date/Time
March 27, 2012 6:07 pm

Date Received
03/29/2012

Metals, Priority Pollutant

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-28-0	Thallium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B	04/02/2012 16:14	04/02/2012 19:07	MW
7440-66-6	Zinc	0.035		mg/L	0.0009	0.020	1	EPA SW846-6010B	04/02/2012 16:14	04/02/2012 19:07	MW

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00004	0.0002	1	EPA SW846-7470/EPA 245.1	04/03/2012 09:36	04/03/2012 09:36	AA

Sample Information

Client Sample ID: KC-MW-03 0312

York Sample ID: 12C1032-03

York Project (SDG) No.
12C1032

Client Project ID
41103.00 Kingston CVS

Matrix
Water

Collection Date/Time
March 27, 2012 5:55 pm

Date Received
03/29/2012

Volatile Organics, 8260 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
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:03	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.95	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:03	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.57	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:03	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.60	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:03	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:03	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.69	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:03	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:03	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:03	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.37	10	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:03	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	1.1	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:03	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.48	10	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:03	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.53	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:03	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	1.3	10	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:03	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:03	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:03	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.65	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:03	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.22	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:03	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.37	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:03	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.47	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:03	SS

Sample Information

Client Sample ID: KC-MW-03 0312

York Sample ID: 12C1032-03

York Project (SDG) No.
12C1032

Client Project ID
41103.00 Kingston CVS

Matrix
Water

Collection Date/Time
March 27, 2012 5:55 pm

Date Received
03/29/2012

Volatile Organics, 8260 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
142-28-9	1,3-Dichloropropane	ND		ug/L	0.69	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:03	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:03	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.96	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:03	SS
78-93-3	2-Butanone	ND		ug/L	2.6	10	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:03	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:03	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:03	SS
67-64-1	Acetone	ND		ug/L	3.1	10	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:03	SS
71-43-2	Benzene	ND		ug/L	0.48	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:03	SS
108-86-1	Bromobenzene	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:03	SS
74-97-5	Bromochloromethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:03	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.62	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:03	SS
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:03	SS
74-83-9	Bromomethane	ND		ug/L	1.2	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:03	SS
56-23-5	Carbon tetrachloride	ND		ug/L	1.0	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:03	SS
108-90-7	Chlorobenzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:03	SS
75-00-3	Chloroethane	ND		ug/L	0.76	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:03	SS
67-66-3	Chloroform	ND		ug/L	0.36	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:03	SS
74-87-3	Chloromethane	ND		ug/L	0.89	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:03	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.96	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:03	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:03	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.67	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:03	SS
74-95-3	Dibromomethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:03	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.83	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:03	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:03	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:03	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.39	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:03	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.38	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:03	SS
75-09-2	Methylene chloride	3.6	J, B	ug/L	1.1	10	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:03	SS
91-20-3	Naphthalene	ND		ug/L	0.50	10	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:03	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.32	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:03	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:03	SS
95-47-6	o-Xylene	ND		ug/L	0.50	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:03	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.55	10	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:03	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.25	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:03	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:03	SS

Sample Information

Client Sample ID: KC-MW-03 0312

York Sample ID: 12C1032-03

York Project (SDG) No.
12C1032

Client Project ID
41103.00 Kingston CVS

Matrix
Water

Collection Date/Time
March 27, 2012 5:55 pm

Date Received
03/29/2012

Volatile Organics, 8260 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
100-42-5	Styrene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:03	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.46	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:03	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:03	SS
108-88-3	Toluene	ND		ug/L	0.23	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:03	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.65	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:03	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:03	SS
79-01-6	Trichloroethylene	ND		ug/L	0.57	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:03	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.91	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:03	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.97	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:03	SS
1330-20-7	Xylenes, Total	ND		ug/L	1.0	15	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:03	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	98.3 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	94.0 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	99.5 %	81.2-127								

Metals, Priority Pollutant

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	04/02/2012 16:14	04/02/2012 19:12	MW
7440-38-2	Arsenic	ND		mg/L	0.001	0.010	1	EPA SW846-6010B	04/02/2012 16:14	04/02/2012 19:12	MW
7440-41-7	Beryllium	ND		mg/L	0.0009	0.001	1	EPA SW846-6010B	04/02/2012 16:14	04/02/2012 19:12	MW
7440-43-9	Cadmium	ND		mg/L	0.001	0.003	1	EPA SW846-6010B	04/02/2012 16:14	04/02/2012 19:12	MW
7440-47-3	Chromium	ND		mg/L	0.0009	0.005	1	EPA SW846-6010B	04/02/2012 16:14	04/02/2012 19:12	MW
7440-50-8	Copper	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	04/02/2012 16:14	04/02/2012 19:12	MW
7439-92-1	Lead	0.003		mg/L	0.001	0.003	1	EPA SW846-6010B	04/02/2012 16:14	04/02/2012 19:12	MW
7440-02-0	Nickel	ND		mg/L	0.0008	0.005	1	EPA SW846-6010B	04/02/2012 16:14	04/02/2012 19:12	MW
7782-49-2	Selenium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B	04/02/2012 16:14	04/02/2012 19:12	MW
7440-22-4	Silver	ND		mg/L	0.001	0.005	1	EPA SW846-6010B	04/02/2012 16:14	04/02/2012 19:12	MW
7440-28-0	Thallium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B	04/02/2012 16:14	04/02/2012 19:12	MW
7440-66-6	Zinc	0.029		mg/L	0.0009	0.020	1	EPA SW846-6010B	04/02/2012 16:14	04/02/2012 19:12	MW

Sample Information

Client Sample ID: KC-MW-03 0312

York Sample ID: 12C1032-03

York Project (SDG) No.
12C1032

Client Project ID
41103.00 Kingston CVS

Matrix
Water

Collection Date/Time
March 27, 2012 5:55 pm

Date Received
03/29/2012

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00004	0.0002	1	EPA SW846-7470/EPA 245.1	04/03/2012 09:36	04/03/2012 09:36	AA

Sample Information

Client Sample ID: KC-MW-04 0312

York Sample ID: 12C1032-04

York Project (SDG) No.
12C1032

Client Project ID
41103.00 Kingston CVS

Matrix
Water

Collection Date/Time
March 27, 2012 11:55 am

Date Received
03/29/2012

Volatile Organics, 8260 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
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:47	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.95	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:47	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.57	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:47	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.60	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:47	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:47	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.69	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:47	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:47	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:47	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.37	10	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:47	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	1.1	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:47	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.48	10	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:47	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.53	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:47	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	1.3	10	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:47	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:47	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:47	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.65	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:47	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.22	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:47	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.37	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:47	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.47	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:47	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.69	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:47	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:47	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.96	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:47	SS
78-93-3	2-Butanone	ND		ug/L	2.6	10	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:47	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:47	SS

Sample Information

Client Sample ID: KC-MW-04 0312

York Sample ID: 12C1032-04

York Project (SDG) No.
12C1032

Client Project ID
41103.00 Kingston CVS

Matrix
Water

Collection Date/Time
March 27, 2012 11:55 am

Date Received
03/29/2012

Volatile Organics, 8260 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
106-43-4	4-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:47	SS
67-64-1	Acetone	32	B	ug/L	3.1	10	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:47	SS
71-43-2	Benzene	ND		ug/L	0.48	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:47	SS
108-86-1	Bromobenzene	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:47	SS
74-97-5	Bromochloromethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:47	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.62	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:47	SS
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:47	SS
74-83-9	Bromomethane	ND		ug/L	1.2	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:47	SS
56-23-5	Carbon tetrachloride	ND		ug/L	1.0	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:47	SS
108-90-7	Chlorobenzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:47	SS
75-00-3	Chloroethane	ND		ug/L	0.76	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:47	SS
67-66-3	Chloroform	ND		ug/L	0.36	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:47	SS
74-87-3	Chloromethane	ND		ug/L	0.89	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:47	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.96	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:47	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:47	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.67	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:47	SS
74-95-3	Dibromomethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:47	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.83	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:47	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:47	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:47	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.39	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:47	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.38	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:47	SS
75-09-2	Methylene chloride	3.4	J, B	ug/L	1.1	10	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:47	SS
91-20-3	Naphthalene	1.2	J	ug/L	0.50	10	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:47	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.32	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:47	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:47	SS
95-47-6	o-Xylene	ND		ug/L	0.50	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:47	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.55	10	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:47	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.25	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:47	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:47	SS
100-42-5	Styrene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:47	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.46	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:47	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:47	SS
108-88-3	Toluene	ND		ug/L	0.23	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:47	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.65	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:47	SS

Sample Information

Client Sample ID: KC-MW-04 0312

York Sample ID: 12C1032-04

York Project (SDG) No.
12C1032

Client Project ID
41103.00 Kingston CVS

Matrix
Water

Collection Date/Time
March 27, 2012 11:55 am

Date Received
03/29/2012

Volatile Organics, 8260 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
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:47	SS
79-01-6	Trichloroethylene	ND		ug/L	0.57	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:47	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.91	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:47	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.97	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:47	SS
1330-20-7	Xylenes, Total	ND		ug/L	1.0	15	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 04:47	SS
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	94.8 %		72.6-129							
460-00-4	Surrogate: p-Bromofluorobenzene	94.6 %		63.5-145							
2037-26-5	Surrogate: Toluene-d8	99.5 %		81.2-127							

Metals, Priority Pollutant

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	04/02/2012 16:14	04/02/2012 19:17	MW
7440-38-2	Arsenic	0.021		mg/L	0.001	0.010	1	EPA SW846-6010B	04/02/2012 16:14	04/02/2012 19:17	MW
7440-41-7	Beryllium	ND		mg/L	0.0009	0.001	1	EPA SW846-6010B	04/02/2012 16:14	04/02/2012 19:17	MW
7440-43-9	Cadmium	ND		mg/L	0.001	0.003	1	EPA SW846-6010B	04/02/2012 16:14	04/02/2012 19:17	MW
7440-47-3	Chromium	ND		mg/L	0.0009	0.005	1	EPA SW846-6010B	04/02/2012 16:14	04/02/2012 19:17	MW
7440-50-8	Copper	0.007		mg/L	0.002	0.005	1	EPA SW846-6010B	04/02/2012 16:14	04/02/2012 19:17	MW
7439-92-1	Lead	0.005		mg/L	0.001	0.003	1	EPA SW846-6010B	04/02/2012 16:14	04/02/2012 19:17	MW
7440-02-0	Nickel	0.005		mg/L	0.0008	0.005	1	EPA SW846-6010B	04/02/2012 16:14	04/02/2012 19:17	MW
7782-49-2	Selenium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B	04/02/2012 16:14	04/02/2012 19:17	MW
7440-22-4	Silver	ND		mg/L	0.001	0.005	1	EPA SW846-6010B	04/02/2012 16:14	04/02/2012 19:17	MW
7440-28-0	Thallium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B	04/02/2012 16:14	04/02/2012 19:17	MW
7440-66-6	Zinc	0.028		mg/L	0.0009	0.020	1	EPA SW846-6010B	04/02/2012 16:14	04/02/2012 19:17	MW

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00004	0.0002	1	EPA SW846-7470/EPA 245.1	04/03/2012 09:36	04/03/2012 09:36	AA

Sample Information

Client Sample ID: KC-MW-05 0312

York Sample ID: 12C1032-05

York Project (SDG) No.
12C1032

Client Project ID
41103.00 Kingston CVS

Matrix
Water

Collection Date/Time
March 27, 2012 5:25 pm

Date Received
03/29/2012

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: KC-MW-05 0312

York Sample ID: 12C1032-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

12C1032

41103.00 Kingston CVS

Water

March 27, 2012 5:25 pm

03/29/2012

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 05:31	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.95	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 05:31	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.57	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 05:31	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.60	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 05:31	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 05:31	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.69	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 05:31	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 05:31	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 05:31	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.37	10	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 05:31	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	1.1	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 05:31	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.48	10	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 05:31	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.53	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 05:31	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	1.3	10	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 05:31	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 05:31	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 05:31	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.65	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 05:31	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.22	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 05:31	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.37	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 05:31	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.47	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 05:31	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.69	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 05:31	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 05:31	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.96	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 05:31	SS
78-93-3	2-Butanone	ND		ug/L	2.6	10	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 05:31	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 05:31	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 05:31	SS
67-64-1	Acetone	8.0	J, B	ug/L	3.1	10	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 05:31	SS
71-43-2	Benzene	ND		ug/L	0.48	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 05:31	SS
108-86-1	Bromobenzene	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 05:31	SS
74-97-5	Bromochloromethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 05:31	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.62	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 05:31	SS
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 05:31	SS
74-83-9	Bromomethane	ND		ug/L	1.2	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 05:31	SS
56-23-5	Carbon tetrachloride	ND		ug/L	1.0	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 05:31	SS
108-90-7	Chlorobenzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 05:31	SS
75-00-3	Chloroethane	ND		ug/L	0.76	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 05:31	SS
67-66-3	Chloroform	ND		ug/L	0.36	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 05:31	SS

Sample Information

Client Sample ID: KC-MW-05 0312

York Sample ID: 12C1032-05

York Project (SDG) No.
12C1032

Client Project ID
41103.00 Kingston CVS

Matrix
Water

Collection Date/Time
March 27, 2012 5:25 pm

Date Received
03/29/2012

Volatile Organics, 8260 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
74-87-3	Chloromethane	ND		ug/L	0.89	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 05:31	SS
156-59-2	cis-1,2-Dichloroethylene	6.1		ug/L	0.96	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 05:31	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 05:31	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.67	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 05:31	SS
74-95-3	Dibromomethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 05:31	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.83	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 05:31	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 05:31	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 05:31	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.39	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 05:31	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.38	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 05:31	SS
75-09-2	Methylene chloride	3.3	J, B	ug/L	1.1	10	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 05:31	SS
91-20-3	Naphthalene	ND		ug/L	0.50	10	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 05:31	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.32	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 05:31	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 05:31	SS
95-47-6	o-Xylene	ND		ug/L	0.50	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 05:31	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.55	10	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 05:31	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.25	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 05:31	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 05:31	SS
100-42-5	Styrene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 05:31	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.46	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 05:31	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 05:31	SS
108-88-3	Toluene	ND		ug/L	0.23	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 05:31	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.65	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 05:31	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 05:31	SS
79-01-6	Trichloroethylene	5.7		ug/L	0.57	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 05:31	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.91	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 05:31	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.97	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 05:31	SS
1330-20-7	Xylenes, Total	ND		ug/L	1.0	15	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 05:31	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	93.3 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	94.9 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	96.9 %	81.2-127								

Sample Information

Client Sample ID: KC-MW-05 0312

York Sample ID: 12C1032-05

York Project (SDG) No.
12C1032

Client Project ID
41103.00 Kingston CVS

Matrix
Water

Collection Date/Time
March 27, 2012 5:25 pm

Date Received
03/29/2012

Metals, Priority Pollutant

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	04/02/2012 16:14	04/02/2012 19:34	MW
7440-38-2	Arsenic	ND		mg/L	0.001	0.010	1	EPA SW846-6010B	04/02/2012 16:14	04/02/2012 19:34	MW
7440-41-7	Beryllium	ND		mg/L	0.0009	0.001	1	EPA SW846-6010B	04/02/2012 16:14	04/02/2012 19:34	MW
7440-43-9	Cadmium	ND		mg/L	0.001	0.003	1	EPA SW846-6010B	04/02/2012 16:14	04/02/2012 19:34	MW
7440-47-3	Chromium	ND		mg/L	0.0009	0.005	1	EPA SW846-6010B	04/02/2012 16:14	04/02/2012 19:34	MW
7440-50-8	Copper	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	04/02/2012 16:14	04/02/2012 19:34	MW
7439-92-1	Lead	ND		mg/L	0.001	0.003	1	EPA SW846-6010B	04/02/2012 16:14	04/02/2012 19:34	MW
7440-02-0	Nickel	ND		mg/L	0.0008	0.005	1	EPA SW846-6010B	04/02/2012 16:14	04/02/2012 19:34	MW
7782-49-2	Selenium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B	04/02/2012 16:14	04/02/2012 19:34	MW
7440-22-4	Silver	ND		mg/L	0.001	0.005	1	EPA SW846-6010B	04/02/2012 16:14	04/02/2012 19:34	MW
7440-28-0	Thallium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B	04/02/2012 16:14	04/02/2012 19:34	MW
7440-66-6	Zinc	ND		mg/L	0.0009	0.020	1	EPA SW846-6010B	04/02/2012 16:14	04/02/2012 19:34	MW

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00004	0.0002	1	EPA SW846-7470/EPA 245.1	04/03/2012 09:36	04/03/2012 09:36	AA

Sample Information

Client Sample ID: KC-FD-01 0312

York Sample ID: 12C1032-06

York Project (SDG) No.
12C1032

Client Project ID
41103.00 Kingston CVS

Matrix
Water

Collection Date/Time
March 27, 2012 3:00 pm

Date Received
03/29/2012

Volatile Organics, 8260 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
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 06:16	SS
71-55-6	1,1,1-Trichloroethane	1.3	J	ug/L	0.95	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 06:16	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.57	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 06:16	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.60	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 06:16	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 06:16	SS
75-34-3	1,1-Dichloroethane	6.2		ug/L	0.69	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 06:16	SS
75-35-4	1,1-Dichloroethylene	7.6		ug/L	1.3	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 06:16	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 06:16	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.37	10	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 06:16	SS

Sample Information

Client Sample ID: KC-FD-01 0312

York Sample ID: 12C1032-06

York Project (SDG) No.
12C1032

Client Project ID
41103.00 Kingston CVS

Matrix
Water

Collection Date/Time
March 27, 2012 3:00 pm

Date Received
03/29/2012

Volatile Organics, 8260 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
96-18-4	1,2,3-Trichloropropane	ND		ug/L	1.1	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 06:16	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.48	10	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 06:16	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.53	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 06:16	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	1.3	10	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 06:16	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 06:16	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 06:16	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.65	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 06:16	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.22	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 06:16	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.37	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 06:16	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.47	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 06:16	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.69	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 06:16	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 06:16	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.96	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 06:16	SS
78-93-3	2-Butanone	ND		ug/L	2.6	10	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 06:16	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 06:16	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 06:16	SS
67-64-1	Acetone	9.7	J, B	ug/L	3.1	10	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 06:16	SS
71-43-2	Benzene	ND		ug/L	0.48	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 06:16	SS
108-86-1	Bromobenzene	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 06:16	SS
74-97-5	Bromochloromethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 06:16	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.62	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 06:16	SS
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 06:16	SS
74-83-9	Bromomethane	ND		ug/L	1.2	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 06:16	SS
56-23-5	Carbon tetrachloride	ND		ug/L	1.0	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 06:16	SS
108-90-7	Chlorobenzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 06:16	SS
75-00-3	Chloroethane	ND		ug/L	0.76	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 06:16	SS
67-66-3	Chloroform	ND		ug/L	0.36	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 06:16	SS
74-87-3	Chloromethane	ND		ug/L	0.89	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 06:16	SS
156-59-2	cis-1,2-Dichloroethylene	2000		ug/L	48	250	50	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 17:28	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 06:16	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.67	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 06:16	SS
74-95-3	Dibromomethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 06:16	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.83	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 06:16	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 06:16	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 06:16	SS

Sample Information

Client Sample ID: KC-FD-01 0312

York Sample ID: 12C1032-06

York Project (SDG) No.
12C1032

Client Project ID
41103.00 Kingston CVS

Matrix
Water

Collection Date/Time
March 27, 2012 3:00 pm

Date Received
03/29/2012

Volatile Organics, 8260 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	0.39	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 06:16	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.38	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 06:16	SS
75-09-2	Methylene chloride	4.0	J, B	ug/L	1.1	10	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 06:16	SS
91-20-3	Naphthalene	ND		ug/L	0.50	10	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 06:16	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.32	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 06:16	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 06:16	SS
95-47-6	o-Xylene	ND		ug/L	0.50	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 06:16	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.55	10	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 06:16	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.25	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 06:16	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 06:16	SS
100-42-5	Styrene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 06:16	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.46	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 06:16	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 06:16	SS
108-88-3	Toluene	ND		ug/L	0.23	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 06:16	SS
156-60-5	trans-1,2-Dichloroethylene	70		ug/L	0.65	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 06:16	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 06:16	SS
79-01-6	Trichloroethylene	1200		ug/L	28	250	50	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 17:28	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.91	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 06:16	SS
75-01-4	Vinyl Chloride	170	J	ug/L	48	250	50	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 17:28	SS
1330-20-7	Xylenes, Total	ND		ug/L	1.0	15	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 06:16	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	98.1 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	91.7 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	95.2 %	81.2-127								

Metals, Priority Pollutant

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	04/02/2012 16:14	04/02/2012 19:39	MW
7440-38-2	Arsenic	ND		mg/L	0.001	0.010	1	EPA SW846-6010B	04/02/2012 16:14	04/02/2012 19:39	MW
7440-41-7	Beryllium	ND		mg/L	0.0009	0.001	1	EPA SW846-6010B	04/02/2012 16:14	04/02/2012 19:39	MW
7440-43-9	Cadmium	0.042		mg/L	0.001	0.003	1	EPA SW846-6010B	04/02/2012 16:14	04/02/2012 19:39	MW
7440-47-3	Chromium	ND		mg/L	0.0009	0.005	1	EPA SW846-6010B	04/02/2012 16:14	04/02/2012 19:39	MW
7440-50-8	Copper	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	04/02/2012 16:14	04/02/2012 19:39	MW
7439-92-1	Lead	ND		mg/L	0.001	0.003	1	EPA SW846-6010B	04/02/2012 16:14	04/02/2012 19:39	MW
7440-02-0	Nickel	0.748		mg/L	0.0008	0.005	1	EPA SW846-6010B	04/02/2012 16:14	04/02/2012 19:39	MW
7782-49-2	Selenium	0.016		mg/L	0.002	0.010	1	EPA SW846-6010B	04/02/2012 16:14	04/02/2012 19:39	MW

Sample Information

Client Sample ID: KC-FD-01 0312

York Sample ID: 12C1032-06

York Project (SDG) No.
12C1032

Client Project ID
41103.00 Kingston CVS

Matrix
Water

Collection Date/Time
March 27, 2012 3:00 pm

Date Received
03/29/2012

Metals, Priority Pollutant

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/L	0.001	0.005	1	EPA SW846-6010B	04/02/2012 16:14	04/02/2012 19:39	MW
7440-28-0	Thallium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B	04/02/2012 16:14	04/02/2012 19:39	MW
7440-66-6	Zinc	0.139		mg/L	0.0009	0.020	1	EPA SW846-6010B	04/02/2012 16:14	04/02/2012 19:39	MW

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00004	0.0002	1	EPA SW846-7470/EPA 245.1	04/03/2012 09:36	04/03/2012 09:36	AA

Sample Information

Client Sample ID: TRIP BLANK 0312

York Sample ID: 12C1032-07

York Project (SDG) No.
12C1032

Client Project ID
41103.00 Kingston CVS

Matrix
Water

Collection Date/Time
March 27, 2012 9:00 am

Date Received
03/29/2012

Volatile Organics, 8260 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
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 07:00	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.95	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 07:00	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.57	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 07:00	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.60	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 07:00	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 07:00	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.69	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 07:00	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 07:00	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 07:00	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.37	10	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 07:00	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	1.1	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 07:00	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.48	10	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 07:00	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.53	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 07:00	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	1.3	10	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 07:00	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 07:00	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 07:00	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.65	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 07:00	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.22	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 07:00	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.37	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 07:00	SS

Sample Information

Client Sample ID: TRIP BLANK 0312

York Sample ID: 12C1032-07

York Project (SDG) No.
12C1032

Client Project ID
41103.00 Kingston CVS

Matrix
Water

Collection Date/Time
March 27, 2012 9:00 am

Date Received
03/29/2012

Volatile Organics, 8260 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
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.47	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 07:00	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.69	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 07:00	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 07:00	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.96	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 07:00	SS
78-93-3	2-Butanone	ND		ug/L	2.6	10	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 07:00	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 07:00	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 07:00	SS
67-64-1	Acetone	4.2	J, B	ug/L	3.1	10	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 07:00	SS
71-43-2	Benzene	ND		ug/L	0.48	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 07:00	SS
108-86-1	Bromobenzene	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 07:00	SS
74-97-5	Bromochloromethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 07:00	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.62	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 07:00	SS
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 07:00	SS
74-83-9	Bromomethane	ND		ug/L	1.2	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 07:00	SS
56-23-5	Carbon tetrachloride	ND		ug/L	1.0	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 07:00	SS
108-90-7	Chlorobenzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 07:00	SS
75-00-3	Chloroethane	ND		ug/L	0.76	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 07:00	SS
67-66-3	Chloroform	ND		ug/L	0.36	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 07:00	SS
74-87-3	Chloromethane	ND		ug/L	0.89	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 07:00	SS
156-59-2	cis-1,2-Dichloroethylene	2.1	J	ug/L	0.96	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 07:00	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 07:00	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.67	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 07:00	SS
74-95-3	Dibromomethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 07:00	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.83	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 07:00	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 07:00	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 07:00	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.39	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 07:00	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.38	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 07:00	SS
75-09-2	Methylene chloride	3.8	J, B	ug/L	1.1	10	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 07:00	SS
91-20-3	Naphthalene	ND		ug/L	0.50	10	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 07:00	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.32	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 07:00	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 07:00	SS
95-47-6	o-Xylene	ND		ug/L	0.50	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 07:00	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.55	10	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 07:00	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.25	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 07:00	SS

Sample Information

Client Sample ID: TRIP BLANK 0312

York Sample ID: 12C1032-07

York Project (SDG) No.
12C1032

Client Project ID
41103.00 Kingston CVS

Matrix
Water

Collection Date/Time
March 27, 2012 9:00 am

Date Received
03/29/2012

Volatile Organics, 8260 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
135-98-8	sec-Butylbenzene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 07:00	SS
100-42-5	Styrene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 07:00	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.46	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 07:00	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 07:00	SS
108-88-3	Toluene	ND		ug/L	0.23	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 07:00	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.65	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 07:00	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 07:00	SS
79-01-6	Trichloroethylene	1.3	J	ug/L	0.57	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 07:00	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.91	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 07:00	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.97	5.0	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 07:00	SS
1330-20-7	Xylenes, Total	ND		ug/L	1.0	15	1	EPA SW846-8260B	04/02/2012 14:43	04/04/2012 07:00	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	91.7 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	94.2 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	100 %	81.2-127								

Analytical Batch Summary

Batch ID: BD20057

Preparation Method: EPA SW846-7470

Prepared By: AA

YORK Sample ID	Client Sample ID	Preparation Date
12C1032-01	KC-MW-01 0312	04/03/12
12C1032-02	KC-MW-02 0312	04/03/12
12C1032-03	KC-MW-03 0312	04/03/12
12C1032-04	KC-MW-04 0312	04/03/12
12C1032-05	KC-MW-05 0312	04/03/12
12C1032-06	KC-FD-01 0312	04/03/12
BD20057-BLK1	Blank	04/03/12
BD20057-BS1	LCS	04/03/12
BD20057-DUP1	Duplicate	04/03/12
BD20057-MS1	Matrix Spike	04/03/12

Batch ID: BD20058

Preparation Method: EPA 3010A

Prepared By: MW

YORK Sample ID	Client Sample ID	Preparation Date
12C1032-01	KC-MW-01 0312	04/02/12
12C1032-02	KC-MW-02 0312	04/02/12
12C1032-03	KC-MW-03 0312	04/02/12
12C1032-04	KC-MW-04 0312	04/02/12
12C1032-05	KC-MW-05 0312	04/02/12
12C1032-06	KC-FD-01 0312	04/02/12
BD20058-BLK1	Blank	04/02/12
BD20058-DUP1	Duplicate	04/02/12
BD20058-MS1	Matrix Spike	04/02/12
BD20058-SRM1	Reference	04/02/12

Batch ID: BD20120

Preparation Method: EPA 5030B

Prepared By: AY

YORK Sample ID	Client Sample ID	Preparation Date
12C1032-02	KC-MW-02 0312	04/02/12
12C1032-03	KC-MW-03 0312	04/02/12
12C1032-04	KC-MW-04 0312	04/02/12
12C1032-05	KC-MW-05 0312	04/02/12
12C1032-07	TRIP BLANK 0312	04/02/12
BD20120-BLK1	Blank	04/03/12
BD20120-BS1	LCS	04/03/12
BD20120-BSD1	LCS Dup	04/03/12
BD20120-MS1	Matrix Spike	04/03/12
BD20120-MSD1	Matrix Spike Dup	04/03/12

Batch ID: BD20156

Preparation Method: EPA 5030B

Prepared By: AY

YORK Sample ID	Client Sample ID	Preparation Date
12C1032-01	KC-MW-01 0312	04/02/12
12C1032-06	KC-FD-01 0312	04/02/12
BD20156-BLK1	Blank	04/04/12
BD20156-BS1	LCS	04/04/12
BD20156-BSD1	LCS Dup	04/04/12

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BD20120 - EPA 5030B

Blank (BD20120-BLK1)

Prepared: 04/03/2012 Analyzed: 04/04/2012

1,1,1,2-Tetrachloroethane	ND	5.0	ug/L
1,1,1-Trichloroethane	ND	5.0	"
1,1,2,2-Tetrachloroethane	ND	5.0	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"
1,1,2-Trichloroethane	ND	5.0	"
1,1-Dichloroethane	ND	5.0	"
1,1-Dichloroethylene	ND	5.0	"
1,1-Dichloropropylene	ND	5.0	"
1,2,3-Trichlorobenzene	ND	10	"
1,2,3-Trichloropropane	ND	5.0	"
1,2,4-Trichlorobenzene	ND	10	"
1,2,4-Trimethylbenzene	ND	5.0	"
1,2-Dibromo-3-chloropropane	ND	10	"
1,2-Dibromoethane	ND	5.0	"
1,2-Dichlorobenzene	ND	5.0	"
1,2-Dichloroethane	ND	5.0	"
1,2-Dichloropropane	ND	5.0	"
1,3,5-Trimethylbenzene	ND	5.0	"
1,3-Dichlorobenzene	ND	5.0	"
1,3-Dichloropropane	ND	5.0	"
1,4-Dichlorobenzene	ND	5.0	"
2,2-Dichloropropane	ND	5.0	"
2-Butanone	ND	10	"
2-Chlorotoluene	ND	5.0	"
4-Chlorotoluene	ND	5.0	"
Acetone	11	10	"
Benzene	ND	5.0	"
Bromobenzene	ND	5.0	"
Bromochloromethane	ND	5.0	"
Bromodichloromethane	ND	5.0	"
Bromoform	ND	5.0	"
Bromomethane	ND	5.0	"
Carbon tetrachloride	ND	5.0	"
Chlorobenzene	ND	5.0	"
Chloroethane	ND	5.0	"
Chloroform	ND	5.0	"
Chloromethane	ND	5.0	"
cis-1,2-Dichloroethylene	ND	5.0	"
cis-1,3-Dichloropropylene	ND	5.0	"
Dibromochloromethane	ND	5.0	"
Dibromomethane	ND	5.0	"
Dichlorodifluoromethane	ND	5.0	"
Ethyl Benzene	ND	5.0	"
Hexachlorobutadiene	ND	5.0	"
Isopropylbenzene	ND	5.0	"
Methyl tert-butyl ether (MTBE)	ND	5.0	"
Methylene chloride	5.6	10	"
Naphthalene	ND	10	"
n-Butylbenzene	ND	5.0	"
n-Propylbenzene	ND	5.0	"
o-Xylene	ND	5.0	"
p- & m- Xylenes	ND	10	"
p-Isopropyltoluene	ND	5.0	"

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BD20120 - EPA 5030B

Blank (BD20120-BLK1)

Prepared: 04/03/2012 Analyzed: 04/04/2012

sec-Butylbenzene	ND	5.0	ug/L
Styrene	ND	5.0	"
tert-Butylbenzene	ND	5.0	"
Tetrachloroethylene	ND	5.0	"
Toluene	ND	5.0	"
trans-1,2-Dichloroethylene	ND	5.0	"
trans-1,3-Dichloropropylene	ND	5.0	"
Trichloroethylene	ND	5.0	"
Trichlorofluoromethane	ND	5.0	"
Vinyl Chloride	ND	5.0	"
Xylenes, Total	ND	15	"

Surrogate: 1,2-Dichloroethane-d4	47.3	"	50.0	94.7	72.6-129
Surrogate: p-Bromofluorobenzene	47.9	"	50.0	95.7	63.5-145
Surrogate: Toluene-d8	49.9	"	50.0	99.8	81.2-127

LCS (BD20120-BS1)

Prepared: 04/03/2012 Analyzed: 04/04/2012

1,1,1,2-Tetrachloroethane	49	ug/L	50.0	97.8	82.3-130
1,1,1-Trichloroethane	52	"	50.0	105	75.6-137
1,1,2,2-Tetrachloroethane	47	"	50.0	93.3	71.3-131
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	53	"	50.0	105	71.1-129
1,1,2-Trichloroethane	51	"	50.0	101	74.5-129
1,1-Dichloroethane	54	"	50.0	107	79.6-132
1,1-Dichloroethylene	51	"	50.0	101	80.2-146
1,1-Dichloropropylene	78	"	50.0	157	75-136
1,2,3-Trichlorobenzene	47	"	50.0	94.1	66.1-136
1,2,3-Trichloropropane	45	"	50.0	90.0	63-131
1,2,4-Trichlorobenzene	47	"	50.0	93.4	70.6-136
1,2,4-Trimethylbenzene	51	"	50.0	101	75.3-135
1,2-Dibromo-3-chloropropane	48	"	50.0	96.9	58.9-140
1,2-Dibromoethane	51	"	50.0	102	79-130
1,2-Dichlorobenzene	46	"	50.0	91.1	76.1-122
1,2-Dichloroethane	51	"	50.0	101	74.6-132
1,2-Dichloropropane	52	"	50.0	105	76.9-129
1,3,5-Trimethylbenzene	49	"	50.0	97.3	70.6-127
1,3-Dichlorobenzene	46	"	50.0	91.3	77-124
1,3-Dichloropropane	51	"	50.0	101	75.8-126
1,4-Dichlorobenzene	45	"	50.0	90.2	76.6-125
2,2-Dichloropropane	51	"	50.0	102	69-133
2-Butanone	48	"	50.0	96.0	70-130
2-Chlorotoluene	48	"	50.0	96.1	66.3-119
4-Chlorotoluene	49	"	50.0	97.0	69.2-127
Acetone	39	"	50.0	78.4	70-130
Benzene	54	"	50.0	108	76.2-129
Bromobenzene	48	"	50.0	96.5	71.3-123
Bromochloromethane	55	"	50.0	109	70.8-137
Bromodichloromethane	53	"	50.0	105	79.7-134
Bromoform	48	"	50.0	96.8	70.5-141
Bromomethane	63	"	50.0	126	43.9-147
Carbon tetrachloride	70	"	50.0	139	78.1-138
Chlorobenzene	50	"	50.0	101	80.4-125
Chloroethane	50	"	50.0	99.6	55.8-140
Chloroform	51	"	50.0	103	76.6-133
Chloromethane	41	"	50.0	82.0	48.8-115

High Bias

High Bias

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BD20120 - EPA 5030B

LCS (BD20120-BS1)

Prepared: 04/03/2012 Analyzed: 04/04/2012

cis-1,2-Dichloroethylene	52		ug/L	50.0		105	75.1-128				
cis-1,3-Dichloropropylene	49		"	50.0		97.6	74.5-128				
Dibromochloromethane	49		"	50.0		97.7	79.8-134				
Dibromomethane	51		"	50.0		101	79-130				
Dichlorodifluoromethane	34		"	50.0		67.0	47.1-101				
Ethyl Benzene	54		"	50.0		109	80.8-128				
Hexachlorobutadiene	46		"	50.0		92.5	64.8-128				
Isopropylbenzene	52		"	50.0		104	75.5-135				
Methyl tert-butyl ether (MTBE)	47		"	50.0		93.0	65.1-140				
Methylene chloride	48		"	50.0		96.3	61.3-120				
Naphthalene	48		"	50.0		96.1	62.3-148				
n-Butylbenzene	47		"	50.0		94.2	67.2-123				
n-Propylbenzene	50		"	50.0		99.4	70.5-127				
o-Xylene	50		"	50.0		99.7	75.9-122				
p- & m- Xylenes	110		"	100		105	77.7-127				
p-Isopropyltoluene	49		"	50.0		97.8	75.6-129				
sec-Butylbenzene	50		"	50.0		99.4	71.5-125				
Styrene	51		"	50.0		102	77.8-123				
tert-Butylbenzene	54		"	50.0		107	75.9-151				
Tetrachloroethylene	56		"	50.0		111	63.6-167				
Toluene	52		"	50.0		104	77-123				
trans-1,2-Dichloroethylene	53		"	50.0		106	76.3-139				
trans-1,3-Dichloropropylene	49		"	50.0		97.6	72.5-137				
Trichloroethylene	51		"	50.0		102	77.9-130				
Trichlorofluoromethane	49		"	50.0		97.3	57.4-133				
Vinyl Chloride	46		"	50.0		91.5	54.9-124				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>47.5</i>		<i>"</i>	<i>50.0</i>		<i>95.0</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>47.9</i>		<i>"</i>	<i>50.0</i>		<i>95.8</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>49.2</i>		<i>"</i>	<i>50.0</i>		<i>98.3</i>	<i>81.2-127</i>				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20120 - EPA 5030B											
LCS Dup (BD20120-BSD1)						Prepared: 04/03/2012 Analyzed: 04/04/2012					
1,1,1,2-Tetrachloroethane	51		ug/L	50.0		101	82.3-130		3.60	21.1	
1,1,1-Trichloroethane	54		"	50.0		109	75.6-137		3.86	19.7	
1,1,2,2-Tetrachloroethane	50		"	50.0		101	71.3-131		7.71	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	55		"	50.0		110	71.1-129		4.60	21.7	
1,1,2-Trichloroethane	53		"	50.0		105	74.5-129		3.72	20.3	
1,1-Dichloroethane	56		"	50.0		112	79.6-132		3.87	20.6	
1,1-Dichloroethylene	53		"	50.0		105	80.2-146		4.12	20	
1,1-Dichloropropylene	77		"	50.0		153	75-136	High Bias	2.13	19.3	
1,2,3-Trichlorobenzene	50		"	50.0		100	66.1-136		6.42	21.6	
1,2,3-Trichloropropane	47		"	50.0		93.5	63-131		3.77	23.9	
1,2,4-Trichlorobenzene	50		"	50.0		101	70.6-136		7.44	21.7	
1,2,4-Trimethylbenzene	52		"	50.0		104	75.3-135		2.92	18.8	
1,2-Dibromo-3-chloropropane	58		"	50.0		116	58.9-140		18.2	27.7	
1,2-Dibromoethane	52		"	50.0		103	79-130		0.973	23	
1,2-Dichlorobenzene	49		"	50.0		97.0	76.1-122		6.27	19.8	
1,2-Dichloroethane	54		"	50.0		109	74.6-132		7.05	20.2	
1,2-Dichloropropane	54		"	50.0		107	76.9-129		2.32	20.7	
1,3,5-Trimethylbenzene	49		"	50.0		97.8	70.6-127		0.533	18.9	
1,3-Dichlorobenzene	48		"	50.0		96.4	77-124		5.46	19.2	
1,3-Dichloropropane	52		"	50.0		105	75.8-126		3.65	22.1	
1,4-Dichlorobenzene	48		"	50.0		95.3	76.6-125		5.50	18.6	
2,2-Dichloropropane	53		"	50.0		106	69-133		4.81	19.8	
2-Butanone	48		"	50.0		95.0	70-130		1.05	30	
2-Chlorotoluene	51		"	50.0		102	66.3-119		5.94	21.6	
4-Chlorotoluene	50		"	50.0		100	69.2-127		3.09	19	
Acetone	43		"	50.0		85.7	70-130		8.85	30	
Benzene	55		"	50.0		111	76.2-129		2.61	19	
Bromobenzene	50		"	50.0		99.9	71.3-123		3.44	20.3	
Bromochloromethane	58		"	50.0		116	70.8-137		5.82	23.9	
Bromodichloromethane	54		"	50.0		108	79.7-134		2.82	21	
Bromoform	51		"	50.0		103	70.5-141		5.95	21.8	
Bromomethane	66		"	50.0		132	43.9-147		4.13	28.4	
Carbon tetrachloride	70		"	50.0		139	78.1-138	High Bias	0.144	20.1	
Chlorobenzene	52		"	50.0		105	80.4-125		3.85	19.9	
Chloroethane	50		"	50.0		100	55.8-140		0.640	23.3	
Chloroform	53		"	50.0		106	76.6-133		3.01	20.3	
Chloromethane	42		"	50.0		84.8	48.8-115		3.38	24.5	
cis-1,2-Dichloroethylene	55		"	50.0		109	75.1-128		4.12	20.5	
cis-1,3-Dichloropropylene	49		"	50.0		99.0	74.5-128		1.36	19.9	
Dibromochloromethane	51		"	50.0		102	79.8-134		4.80	21.3	
Dibromomethane	53		"	50.0		106	79-130		5.18	22.4	
Dichlorodifluoromethane	35		"	50.0		69.0	47.1-101		3.00	23.9	
Ethyl Benzene	56		"	50.0		113	80.8-128		3.76	19.2	
Hexachlorobutadiene	49		"	50.0		98.1	64.8-128		5.88	20.6	
Isopropylbenzene	54		"	50.0		109	75.5-135		4.86	20	
Methyl tert-butyl ether (MTBE)	48		"	50.0		96.9	65.1-140		4.04	23.6	
Methylene chloride	49		"	50.0		98.2	61.3-120		1.95	20.4	
Naphthalene	52		"	50.0		104	62.3-148		7.72	27.1	
n-Butylbenzene	50		"	50.0		99.8	67.2-123		5.81	19.1	
n-Propylbenzene	52		"	50.0		103	70.5-127		3.60	23.4	
o-Xylene	52		"	50.0		104	75.9-122		4.62	19.3	
p- & m- Xylenes	110		"	100		109	77.7-127		3.86	18.6	
p-Isopropyltoluene	52		"	50.0		104	75.6-129		6.45	19.1	

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BD20120 - EPA 5030B

LCS Dup (BD20120-BSD1)

Prepared: 04/03/2012 Analyzed: 04/04/2012

sec-Butylbenzene	52		ug/L	50.0		104	71.5-125		4.92	18.9	
Styrene	52		"	50.0		104	77.8-123		2.87	20.9	
tert-Butylbenzene	56		"	50.0		112	75.9-151		4.89	20.9	
Tetrachloroethylene	55		"	50.0		109	63.6-167		1.87	27.7	
Toluene	54		"	50.0		107	77-123		3.16	18.7	
trans-1,2-Dichloroethylene	53		"	50.0		107	76.3-139		0.978	19.5	
trans-1,3-Dichloropropylene	50		"	50.0		100	72.5-137		2.67	19.3	
Trichloroethylene	52		"	50.0		103	77.9-130		0.720	20.5	
Trichlorofluoromethane	51		"	50.0		101	57.4-133		3.99	21.4	
Vinyl Chloride	47		"	50.0		94.7	54.9-124		3.46	22.3	
Surrogate: 1,2-Dichloroethane-d4	46.0		"	50.0		92.0	72.6-129				
Surrogate: p-Bromofluorobenzene	48.8		"	50.0		97.6	63.5-145				
Surrogate: Toluene-d8	49.0		"	50.0		97.9	81.2-127				

Matrix Spike (BD20120-MS1)

*Source sample: 12C1032-04 (KC-MW-04 0312)

Prepared: 04/03/2012 Analyzed: 04/04/2012

1,1,1,2-Tetrachloroethane	43		ug/L	50.0	ND	86.2	82-138				
1,1,1-Trichloroethane	45		"	50.0	ND	90.9	85.7-133				
1,1,2,2-Tetrachloroethane	44		"	50.0	ND	88.4	78.6-136				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	47		"	50.0	ND	93.2	74.8-131				
1,1,2-Trichloroethane	44		"	50.0	ND	87.8	82.5-129				
1,1-Dichloroethane	47		"	50.0	ND	94.0	81.4-137				
1,1-Dichloroethylene	44		"	50.0	ND	88.8	90-138	Low Bias			
1,1-Dichloropropylene	67		"	50.0	ND	135	91.7-131	High Bias			
1,2,3-Trichlorobenzene	39		"	50.0	ND	78.7	75.9-130				
1,2,3-Trichloropropane	42		"	50.0	ND	84.3	77.1-140				
1,2,4-Trichlorobenzene	38		"	50.0	ND	76.8	69.8-135				
1,2,4-Trimethylbenzene	45		"	50.0	ND	89.5	79.4-131				
1,2-Dibromo-3-chloropropane	43		"	50.0	ND	86.7	66.6-143				
1,2-Dibromoethane	45		"	50.0	ND	89.9	79.8-136				
1,2-Dichlorobenzene	42		"	50.0	ND	84.5	79.9-130				
1,2-Dichloroethane	45		"	50.0	ND	89.7	85-133				
1,2-Dichloropropane	46		"	50.0	ND	92.9	81.1-132				
1,3,5-Trimethylbenzene	42		"	50.0	ND	84.0	76.1-121				
1,3-Dichlorobenzene	41		"	50.0	ND	81.9	79.1-124				
1,3-Dichloropropane	45		"	50.0	ND	89.9	83.3-130				
1,4-Dichlorobenzene	40		"	50.0	ND	80.0	79.4-128				
2,2-Dichloropropane	43		"	50.0	ND	85.9	54.2-126				
2-Butanone	46		"	50.0	ND	91.5	70-130				
2-Chlorotoluene	44		"	50.0	ND	87.7	60.2-144				
4-Chlorotoluene	45		"	50.0	ND	89.7	79.8-128				
Acetone	42		"	50.0	32	21.6	70-130	Low Bias			
Benzene	48		"	50.0	ND	95.5	74.1-134				
Bromobenzene	44		"	50.0	ND	87.1	76.6-125				
Bromochloromethane	49		"	50.0	ND	97.3	85-133				
Bromodichloromethane	46		"	50.0	ND	92.1	80.8-143				
Bromoform	43		"	50.0	ND	86.5	65.8-164				
Bromomethane	53		"	50.0	ND	105	68.7-112				
Carbon tetrachloride	60		"	50.0	ND	119	85.7-138				
Chlorobenzene	44		"	50.0	ND	88.3	79.9-129				
Chloroethane	43		"	50.0	ND	86.5	74.7-127				
Chloroform	45		"	50.0	ND	90.9	50.6-145				
Chloromethane	36		"	50.0	ND	71.5	64-111				
cis-1,2-Dichloroethylene	46		"	50.0	ND	93.0	75.5-129				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20120 - EPA 5030B											
Matrix Spike (BD20120-MS1)	*Source sample: 12C1032-04 (KC-MW-04 0312)						Prepared: 04/03/2012 Analyzed: 04/04/2012				
cis-1,3-Dichloropropylene	40		ug/L	50.0	ND	79.3	74.3-128				
Dibromochloromethane	43		"	50.0	ND	85.8	76.8-150				
Dibromomethane	44		"	50.0	ND	88.6	83.3-140				
Dichlorodifluoromethane	32		"	50.0	ND	63.4	51-100				
Ethyl Benzene	48		"	50.0	ND	95.9	82.9-127				
Hexachlorobutadiene	41		"	50.0	ND	82.7	73-128				
Isopropylbenzene	48		"	50.0	ND	95.4	78.7-131				
Methyl tert-butyl ether (MTBE)	23		"	50.0	ND	45.1	81.2-134	Low Bias			
Methylene chloride	40		"	50.0	3.4	73.9	57.8-103				
Naphthalene	39		"	50.0	1.2	74.8	80.1-122	Low Bias			
n-Butylbenzene	43		"	50.0	ND	86.3	72.4-120				
n-Propylbenzene	44		"	50.0	ND	89.0	74-130				
o-Xylene	44		"	50.0	ND	87.9	78.8-122				
p- & m- Xylenes	92		"	100	ND	92.0	82.5-123				
p-Isopropyltoluene	44		"	50.0	ND	88.4	64.9-132				
sec-Butylbenzene	45		"	50.0	ND	89.6	25.4-151				
Styrene	43		"	50.0	ND	86.2	74.1-134				
tert-Butylbenzene	50		"	50.0	ND	99.4	79.5-171				
Tetrachloroethylene	43		"	50.0	ND	86.9	72.5-130				
Toluene	46		"	50.0	ND	92.3	77.8-121				
trans-1,2-Dichloroethylene	46		"	50.0	ND	91.1	83.8-140				
trans-1,3-Dichloropropylene	39		"	50.0	ND	78.8	74.9-136				
Trichloroethylene	45		"	50.0	ND	90.4	84.4-125				
Trichlorofluoromethane	43		"	50.0	ND	85.4	78.7-127				
Vinyl Chloride	41		"	50.0	ND	81.4	72.1-116				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>46.0</i>		<i>"</i>	<i>50.0</i>		<i>92.1</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>49.0</i>		<i>"</i>	<i>50.0</i>		<i>98.0</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>49.1</i>		<i>"</i>	<i>50.0</i>		<i>98.2</i>	<i>81.2-127</i>				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20120 - EPA 5030B											
Matrix Spike Dup (BD20120-MSD1)	*Source sample: 12C1032-04 (KC-MW-04 0312)						Prepared: 04/03/2012 Analyzed: 04/04/2012				
1,1,1,2-Tetrachloroethane	49		ug/L	50.0	ND	98.0	82-138		12.8	21.3	
1,1,1-Trichloroethane	49		"	50.0	ND	97.8	85.7-133		7.36	22.6	
1,1,2,2-Tetrachloroethane	52		"	50.0	ND	103	78.6-136		15.6	23.1	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50		"	50.0	ND	99.5	74.8-131		6.62	25.6	
1,1,2-Trichloroethane	49		"	50.0	ND	98.9	82.5-129		11.9	19.3	
1,1-Dichloroethane	52		"	50.0	ND	103	81.4-137		9.19	20.7	
1,1-Dichloroethylene	49		"	50.0	ND	98.2	90-138		10.0	22.9	
1,1-Dichloropropylene	72		"	50.0	ND	143	91.7-131	High Bias	6.00	24.9	
1,2,3-Trichlorobenzene	46		"	50.0	ND	91.9	75.9-130		15.5	21.4	
1,2,3-Trichloropropane	47		"	50.0	ND	94.4	77.1-140		11.2	28	
1,2,4-Trichlorobenzene	44		"	50.0	ND	88.3	69.8-135		14.0	22.5	
1,2,4-Trimethylbenzene	49		"	50.0	ND	97.6	79.4-131		8.66	33.9	
1,2-Dibromo-3-chloropropane	55		"	50.0	ND	110	66.6-143		23.6	23.3	Non-dir.
1,2-Dibromoethane	50		"	50.0	ND	99.8	79.8-136		10.5	19.1	
1,2-Dichlorobenzene	47		"	50.0	ND	94.8	79.9-130		11.6	23.2	
1,2-Dichloroethane	49		"	50.0	ND	97.3	85-133		8.21	19.1	
1,2-Dichloropropane	49		"	50.0	ND	98.8	81.1-132		6.11	19.9	
1,3,5-Trimethylbenzene	46		"	50.0	ND	92.0	76.1-121		9.14	31.2	
1,3-Dichlorobenzene	45		"	50.0	ND	90.3	79.1-124		9.78	22.6	
1,3-Dichloropropane	49		"	50.0	ND	98.9	83.3-130		9.53	20.9	
1,4-Dichlorobenzene	44		"	50.0	ND	87.7	79.4-128		9.23	21	
2,2-Dichloropropane	46		"	50.0	ND	92.7	54.2-126		7.68	24.5	
2-Butanone	43		"	50.0	ND	86.7	70-130		5.43	30	
2-Chlorotoluene	48		"	50.0	ND	95.5	60.2-144		8.58	30.8	
4-Chlorotoluene	49		"	50.0	ND	97.7	79.8-128		8.58	23.2	
Acetone	44		"	50.0	32	24.1	70-130	Low Bias	10.9	30	
Benzene	51		"	50.0	ND	102	74.1-134		6.32	20.8	
Bromobenzene	47		"	50.0	ND	94.4	76.6-125		8.11	23	
Bromochloromethane	53		"	50.0	ND	106	85-133		8.78	18.4	
Bromodichloromethane	49		"	50.0	ND	97.9	80.8-143		6.12	18.1	
Bromoform	52		"	50.0	ND	103	65.8-164		17.8	27.3	
Bromomethane	62		"	50.0	ND	124	68.7-112	High Bias	16.5	22.8	
Carbon tetrachloride	65		"	50.0	ND	130	85.7-138		8.68	25.1	
Chlorobenzene	48		"	50.0	ND	97.0	79.9-129		9.35	21	
Chloroethane	47		"	50.0	ND	94.9	74.7-127		9.26	23.7	
Chloroform	49		"	50.0	ND	98.7	50.6-145		8.23	21.7	
Chloromethane	39		"	50.0	ND	77.1	64-111		7.51	21.4	
cis-1,2-Dichloroethylene	51		"	50.0	ND	101	75.5-129		8.50	20.2	
cis-1,3-Dichloropropylene	43		"	50.0	ND	87.0	74.3-128		9.19	19.8	
Dibromochloromethane	49		"	50.0	ND	97.3	76.8-150		12.6	20.8	
Dibromomethane	49		"	50.0	ND	97.2	83.3-140		9.26	20.4	
Dichlorodifluoromethane	4.0		"	50.0	ND	8.08	51-100	Low Bias	155	27.6	Non-dir.
Ethyl Benzene	52		"	50.0	ND	104	82.9-127		7.78	21.4	
Hexachlorobutadiene	44		"	50.0	ND	88.2	73-128		6.37	26	
Isopropylbenzene	50		"	50.0	ND	101	78.7-131		5.57	26.7	
Methyl tert-butyl ether (MTBE)	32		"	50.0	ND	64.6	81.2-134	Low Bias	35.5	21.2	Non-dir.
Methylene chloride	44		"	50.0	3.4	80.8	57.8-103		8.87	21.2	
Naphthalene	48		"	50.0	1.2	94.5	80.1-122		23.3	26.1	
n-Butylbenzene	46		"	50.0	ND	92.8	72.4-120		7.30	30.8	
n-Propylbenzene	47		"	50.0	ND	94.8	74-130		6.29	31	
o-Xylene	48		"	50.0	ND	96.3	78.8-122		9.16	21	
p- & m- Xylenes	100		"	100	ND	99.6	82.5-123		7.90	22.5	
p-Isopropyltoluene	48		"	50.0	ND	95.1	64.9-132		7.24	25.2	

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BD20120 - EPA 5030B

Matrix Spike Dup (BD20120-MSD1)		*Source sample: 12C1032-04 (KC-MW-04 0312)				Prepared: 04/03/2012 Analyzed: 04/04/2012					
sec-Butylbenzene	48		ug/L	50.0	ND	95.9	25.4-151		6.75	25.2	
Styrene	48		"	50.0	ND	95.3	74.1-134		9.98	20	
tert-Butylbenzene	55		"	50.0	ND	110	79.5-171		9.74	24.8	
Tetrachloroethylene	46		"	50.0	ND	92.6	72.5-130		6.33	22.7	
Toluene	49		"	50.0	ND	97.3	77.8-121		5.32	21.5	
trans-1,2-Dichloroethylene	49		"	50.0	ND	98.5	83.8-140		7.83	20.1	
trans-1,3-Dichloropropylene	45		"	50.0	ND	89.5	74.9-136		12.7	22.5	
Trichloroethylene	46		"	50.0	ND	92.7	84.4-125		2.49	20.7	
Trichlorofluoromethane	46		"	50.0	ND	91.9	78.7-127		7.33	24.7	
Vinyl Chloride	45		"	50.0	ND	89.5	72.1-116		9.50	24.9	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>46.7</i>		<i>"</i>	<i>50.0</i>		<i>93.5</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>48.8</i>		<i>"</i>	<i>50.0</i>		<i>97.5</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>49.0</i>		<i>"</i>	<i>50.0</i>		<i>97.9</i>	<i>81.2-127</i>				

Batch BD20156 - EPA 5030B

Blank (BD20156-BLK1)		Prepared & Analyzed: 04/04/2012									
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,1-Dichloropropylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	10	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	10	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	10	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,3-Dichloropropane	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
2,2-Dichloropropane	ND	5.0	"								
2-Butanone	ND	10	"								
2-Chlorotoluene	ND	5.0	"								
4-Chlorotoluene	ND	5.0	"								
Acetone	8.6	10	"								
Benzene	ND	5.0	"								
Bromobenzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BD20156 - EPA 5030B

Blank (BD20156-BLK1)

Prepared & Analyzed: 04/04/2012

Chloromethane	ND	5.0	ug/L								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	4.2	10	"								
Naphthalene	2.8	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: 1,2-Dichloroethane-d4	45.4		"	50.0		90.8	72.6-129				
Surrogate: p-Bromofluorobenzene	48.9		"	50.0		97.7	63.5-145				
Surrogate: Toluene-d8	50.9		"	50.0		102	81.2-127				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Flag	RPD	RPD	Flag
		Limit		Level	Result	Limits	Limit				
Batch BD20156 - EPA 5030B											
LCS (BD20156-BS1)				Prepared & Analyzed: 04/04/2012							
1,1,1,2-Tetrachloroethane	46		ug/L	50.0		91.3	82.3-130				
1,1,1-Trichloroethane	52		"	50.0		104	75.6-137				
1,1,2,2-Tetrachloroethane	48		"	50.0		95.0	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	54		"	50.0		108	71.1-129				
1,1,2-Trichloroethane	50		"	50.0		100	74.5-129				
1,1-Dichloroethane	53		"	50.0		107	79.6-132				
1,1-Dichloroethylene	52		"	50.0		103	80.2-146				
1,1-Dichloropropylene	80		"	50.0		159	75-136	High Bias			
1,2,3-Trichlorobenzene	44		"	50.0		87.9	66.1-136				
1,2,3-Trichloropropane	45		"	50.0		89.0	63-131				
1,2,4-Trichlorobenzene	43		"	50.0		86.9	70.6-136				
1,2,4-Trimethylbenzene	47		"	50.0		94.0	75.3-135				
1,2-Dibromo-3-chloropropane	47		"	50.0		94.0	58.9-140				
1,2-Dibromoethane	51		"	50.0		101	79-130				
1,2-Dichlorobenzene	44		"	50.0		88.2	76.1-122				
1,2-Dichloroethane	52		"	50.0		104	74.6-132				
1,2-Dichloropropane	50		"	50.0		100	76.9-129				
1,3,5-Trimethylbenzene	46		"	50.0		92.2	70.6-127				
1,3-Dichlorobenzene	44		"	50.0		88.0	77-124				
1,3-Dichloropropane	50		"	50.0		101	75.8-126				
1,4-Dichlorobenzene	44		"	50.0		87.1	76.6-125				
2,2-Dichloropropane	54		"	50.0		107	69-133				
2-Butanone	52		"	50.0		103	70-130				
2-Chlorotoluene	47		"	50.0		93.2	66.3-119				
4-Chlorotoluene	48		"	50.0		95.3	69.2-127				
Acetone	39		"	50.0		77.4	70-130				
Benzene	53		"	50.0		106	76.2-129				
Bromobenzene	47		"	50.0		94.9	71.3-123				
Bromochloromethane	56		"	50.0		113	70.8-137				
Bromodichloromethane	50		"	50.0		99.7	79.7-134				
Bromoform	48		"	50.0		95.8	70.5-141				
Bromomethane	65		"	50.0		131	43.9-147				
Carbon tetrachloride	72		"	50.0		144	78.1-138	High Bias			
Chlorobenzene	48		"	50.0		96.4	80.4-125				
Chloroethane	50		"	50.0		99.3	55.8-140				
Chloroform	51		"	50.0		102	76.6-133				
Chloromethane	41		"	50.0		81.2	48.8-115				
cis-1,2-Dichloroethylene	52		"	50.0		105	75.1-128				
cis-1,3-Dichloropropylene	47		"	50.0		94.7	74.5-128				
Dibromochloromethane	47		"	50.0		94.9	79.8-134				
Dibromomethane	52		"	50.0		103	79-130				
Dichlorodifluoromethane	35		"	50.0		70.7	47.1-101				
Ethyl Benzene	53		"	50.0		105	80.8-128				
Hexachlorobutadiene	44		"	50.0		88.1	64.8-128				
Isopropylbenzene	51		"	50.0		102	75.5-135				
Methyl tert-butyl ether (MTBE)	39		"	50.0		78.8	65.1-140				
Methylene chloride	47		"	50.0		94.4	61.3-120				
Naphthalene	42		"	50.0		84.9	62.3-148				
n-Butylbenzene	47		"	50.0		94.5	67.2-123				
n-Propylbenzene	50		"	50.0		99.0	70.5-127				
o-Xylene	47		"	50.0		94.3	75.9-122				
p- & m- Xylenes	100		"	100		101	77.7-127				
p-Isopropyltoluene	47		"	50.0		93.3	75.6-129				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20156 - EPA 5030B											
LCS (BD20156-BS1)						Prepared & Analyzed: 04/04/2012					
sec-Butylbenzene	48		ug/L	50.0		96.2	71.5-125				
Styrene	48		"	50.0		95.3	77.8-123				
tert-Butylbenzene	53		"	50.0		106	75.9-151				
Tetrachloroethylene	50		"	50.0		101	63.6-167				
Toluene	51		"	50.0		102	77-123				
trans-1,2-Dichloroethylene	52		"	50.0		104	76.3-139				
trans-1,3-Dichloropropylene	49		"	50.0		98.9	72.5-137				
Trichloroethylene	50		"	50.0		99.2	77.9-130				
Trichlorofluoromethane	50		"	50.0		100	57.4-133				
Vinyl Chloride	48		"	50.0		95.8	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	47.4		"	50.0		94.8	72.6-129				
Surrogate: p-Bromofluorobenzene	48.2		"	50.0		96.4	63.5-145				
Surrogate: Toluene-d8	48.8		"	50.0		97.5	81.2-127				
LCS Dup (BD20156-BSD1)						Prepared & Analyzed: 04/04/2012					
1,1,1,2-Tetrachloroethane	50		ug/L	50.0		99.9	82.3-130		8.97	21.1	
1,1,1-Trichloroethane	57		"	50.0		114	75.6-137		9.60	19.7	
1,1,2,2-Tetrachloroethane	50		"	50.0		101	71.3-131		5.65	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	60		"	50.0		121	71.1-129		10.8	21.7	
1,1,2-Trichloroethane	54		"	50.0		108	74.5-129		7.10	20.3	
1,1-Dichloroethane	59		"	50.0		117	79.6-132		9.54	20.6	
1,1-Dichloroethylene	58		"	50.0		116	80.2-146		11.3	20	
1,1-Dichloropropylene	86		"	50.0		172	75-136	High Bias	7.76	19.3	
1,2,3-Trichlorobenzene	46		"	50.0		92.5	66.1-136		5.08	21.6	
1,2,3-Trichloropropane	49		"	50.0		98.7	63-131		10.3	23.9	
1,2,4-Trichlorobenzene	47		"	50.0		94.1	70.6-136		8.00	21.7	
1,2,4-Trimethylbenzene	53		"	50.0		105	75.3-135		11.2	18.8	
1,2-Dibromo-3-chloropropane	51		"	50.0		102	58.9-140		7.77	27.7	
1,2-Dibromoethane	54		"	50.0		108	79-130		6.04	23	
1,2-Dichlorobenzene	48		"	50.0		95.2	76.1-122		7.68	19.8	
1,2-Dichloroethane	55		"	50.0		110	74.6-132		6.28	20.2	
1,2-Dichloropropane	55		"	50.0		110	76.9-129		9.45	20.7	
1,3,5-Trimethylbenzene	51		"	50.0		102	70.6-127		10.3	18.9	
1,3-Dichlorobenzene	48		"	50.0		95.7	77-124		8.45	19.2	
1,3-Dichloropropane	53		"	50.0		106	75.8-126		5.48	22.1	
1,4-Dichlorobenzene	47		"	50.0		94.3	76.6-125		7.96	18.6	
2,2-Dichloropropane	59		"	50.0		118	69-133		9.53	19.8	
2-Butanone	47		"	50.0		93.1	70-130		10.2	30	
2-Chlorotoluene	51		"	50.0		101	66.3-119		8.31	21.6	
4-Chlorotoluene	51		"	50.0		102	69.2-127		7.07	19	
Acetone	40		"	50.0		79.9	70-130		3.28	30	
Benzene	58		"	50.0		117	76.2-129		9.23	19	
Bromobenzene	50		"	50.0		101	71.3-123		5.89	20.3	
Bromochloromethane	60		"	50.0		120	70.8-137		6.42	23.9	
Bromodichloromethane	55		"	50.0		110	79.7-134		10.2	21	
Bromoform	52		"	50.0		105	70.5-141		9.16	21.8	
Bromomethane	74		"	50.0		148	43.9-147	High Bias	12.1	28.4	
Carbon tetrachloride	77		"	50.0		155	78.1-138	High Bias	7.20	20.1	
Chlorobenzene	53		"	50.0		105	80.4-125		8.67	19.9	
Chloroethane	55		"	50.0		110	55.8-140		10.5	23.3	
Chloroform	55		"	50.0		111	76.6-133		8.53	20.3	
Chloromethane	45		"	50.0		90.4	48.8-115		10.8	24.5	
cis-1,2-Dichloroethylene	57		"	50.0		113	75.1-128		8.04	20.5	

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BD20156 - EPA 5030B

LCS Dup (BD20156-BSD1)

Prepared & Analyzed: 04/04/2012

cis-1,3-Dichloropropylene	51		ug/L	50.0		102	74.5-128		7.74	19.9	
Dibromochloromethane	50		"	50.0		100	79.8-134		5.67	21.3	
Dibromomethane	56		"	50.0		112	79-130		8.80	22.4	
Dichlorodifluoromethane	38		"	50.0		76.9	47.1-101		8.40	23.9	
Ethyl Benzene	57		"	50.0		114	80.8-128		8.38	19.2	
Hexachlorobutadiene	46		"	50.0		92.2	64.8-128		4.57	20.6	
Isopropylbenzene	56		"	50.0		112	75.5-135		9.58	20	
Methyl tert-butyl ether (MTBE)	43		"	50.0		85.6	65.1-140		8.25	23.6	
Methylene chloride	51		"	50.0		102	61.3-120		7.25	20.4	
Naphthalene	47		"	50.0		94.1	62.3-148		10.3	27.1	
n-Butylbenzene	52		"	50.0		105	67.2-123		10.1	19.1	
n-Propylbenzene	54		"	50.0		107	70.5-127		8.03	23.4	
o-Xylene	52		"	50.0		104	75.9-122		9.86	19.3	
p- & m- Xylenes	110		"	100		111	77.7-127		9.04	18.6	
p-Isopropyltoluene	52		"	50.0		104	75.6-129		11.2	19.1	
sec-Butylbenzene	53		"	50.0		107	71.5-125		10.3	18.9	
Styrene	53		"	50.0		106	77.8-123		10.2	20.9	
tert-Butylbenzene	57		"	50.0		113	75.9-151		6.89	20.9	
Tetrachloroethylene	56		"	50.0		111	63.6-167		10.0	27.7	
Toluene	56		"	50.0		111	77-123		8.97	18.7	
trans-1,2-Dichloroethylene	57		"	50.0		114	76.3-139		9.90	19.5	
trans-1,3-Dichloropropylene	53		"	50.0		106	72.5-137		6.68	19.3	
Trichloroethylene	54		"	50.0		109	77.9-130		9.34	20.5	
Trichlorofluoromethane	54		"	50.0		109	57.4-133		8.47	21.4	
Vinyl Chloride	53		"	50.0		105	54.9-124		9.52	22.3	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>50.8</i>		<i>"</i>	<i>50.0</i>		<i>102</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>49.9</i>		<i>"</i>	<i>50.0</i>		<i>99.8</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>49.6</i>		<i>"</i>	<i>50.0</i>		<i>99.2</i>	<i>81.2-127</i>				

Metals by EPA 6000 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BD20058 - EPA 3010A

Blank (BD20058-BLK1)

Prepared & Analyzed: 04/02/2012

Antimony	ND	0.005	mg/L
Arsenic	ND	0.010	"
Beryllium	ND	0.001	"
Cadmium	ND	0.003	"
Chromium	ND	0.005	"
Copper	ND	0.005	"
Lead	ND	0.003	"
Nickel	ND	0.005	"
Selenium	ND	0.010	"
Silver	ND	0.005	"
Thallium	ND	0.010	"
Zinc	ND	0.020	"

Duplicate (BD20058-DUP1)

*Source sample: 12C1032-04 (KC-MW-04 0312)

Prepared & Analyzed: 04/02/2012

Antimony	ND	0.005	mg/L	ND				20
Arsenic	0.020	0.010	"	0.021			5.19	20
Beryllium	ND	0.001	"	ND				20
Cadmium	ND	0.003	"	ND				20
Chromium	0.001	0.005	"	0.001			8.19	20
Copper	0.007	0.005	"	0.007			2.77	20
Lead	0.006	0.003	"	0.005			19.9	20
Nickel	0.006	0.005	"	0.005			19.7	20
Selenium	0.008	0.010	"	0.007			10.9	20
Silver	ND	0.005	"	ND				20
Thallium	ND	0.010	"	ND				20
Zinc	0.029	0.020	"	0.028			1.04	20

Matrix Spike (BD20058-MS1)

*Source sample: 12C1032-04 (KC-MW-04 0312)

Prepared & Analyzed: 04/02/2012

Antimony	0.286	0.005	mg/L	0.250	ND	114	75-125	
Arsenic	2.45	0.010	"	2.00	0.021	122	75-125	
Beryllium	0.053	0.001	"	0.0500	ND	107	75-125	
Cadmium	0.055	0.003	"	0.0500	ND	111	75-125	
Chromium	0.210	0.005	"	0.200	0.001	105	75-125	
Copper	0.279	0.005	"	0.250	0.007	109	75-125	
Lead	0.531	0.003	"	0.500	0.005	105	75-125	
Nickel	0.574	0.005	"	0.500	0.005	114	75-125	
Selenium	2.54	0.010	"	2.00	0.007	127	75-125	High Bias
Silver	0.048	0.005	"	0.0500	ND	96.1	75-125	
Thallium	2.03	0.010	"	2.00	ND	102	75-125	
Zinc	0.607	0.020	"	0.500	0.028	116	75-125	

Metals by EPA 6000 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BD20058 - EPA 3010A

Reference (BD20058-SRM1)

Prepared & Analyzed: 04/02/2012

Antimony	0.465	0.005	mg/L	0.445		104	69.4-121				
Arsenic	0.525	0.010	"	0.528		99.5	83.7-117				
Beryllium	0.794	0.001	"	0.790		101	85.1-113				
Cadmium	0.581	0.003	"	0.554		105	85.4-114				
Chromium	0.782	0.005	"	0.751		104	87.2-113				
Copper	0.304	0.005	"	0.287		106	89.9-110				
Lead	0.874	0.003	"	0.821		106	87.6-112				
Nickel	0.905	0.005	"	0.836		108	90-112				
Selenium	0.772	0.010	"	0.770		100	79.4-116				
Silver	0.118	0.005	"	0.121		97.1	85.1-115				
Thallium	0.824	0.010	"	0.747		110	82.2-119				
Zinc	0.421	0.020	"	0.403		104	85.6-116				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20057 - EPA SW846-7470											
Blank (BD20057-BLK1)								Prepared & Analyzed: 04/03/2012			
Mercury	ND	0.0002	mg/L								
LCS (BD20057-BS1)								Prepared & Analyzed: 04/03/2012			
Mercury	0.002723	0.0002	mg/L	0.00300		90.8	80-120				
Duplicate (BD20057-DUP1)								Prepared & Analyzed: 04/03/2012			
Mercury	ND	0.0002	mg/L		ND					20	
Matrix Spike (BD20057-MS1)								Prepared & Analyzed: 04/03/2012			
Mercury	0.0028	0.0002	mg/L	0.00300	ND	94.1	75-125				

Notes and Definitions

QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
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.

YORK

ANALYTICAL LABORATORIES, INC.

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

Field Chain-of-Custody Record

Page 1 of 1

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 unless superseded by written contract.

York Project No. 12C1032

YOUR Information Company: CHAZEN Address: Phone No.: Contact Person: ERIC ORLOWSKI E-Mail Address:		Report To: Company: CHAZEN Address: Phone No.: Attention: E-Mail Address:		Invoice To: Company: CHAZEN Address: Phone No.: Attention: ACCT. PAYABLE E-Mail Address:		YOUR Project ID 41103.00 KINGSTON CVS Purchase Order No.		Turn-Around Time RUSH - Same Day ☐ RUSH - Next Day ☐ RUSH - Two Day ☐ RUSH - Three Day ☐ RUSH - Four Day ☐ Standard (5-7 Days) ☒		Report Type/Deliverables ~~Summary w/ QA Summary~~ CT RCP Package NY ASP A Package NY ASP B Package EDD (Specify Type) ☒ Electronic Deliverables: NYSDEC E-GUTS	

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.

Eric Orłowski
 Samples Collected/Authorized By (Signature)

ERIC ORLOWSKI
 Name (printed)

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)																					
KC-MW-01 0312	3/27/2012 1815	GW	8260 VOCs, Priority Pollutant Metals	3x40mL, 1x250mL																					
KC-MW-02 0312	1807			↓																					
KC-MW-03 0312	1755			1x1L																					
KC-MW-04 0312	1155			1x1L																					
KC-MW-05 0312	1725			1x250mL																					
KC-FD-01 0312	0000																								
TRIP BLANK 0312	↓ 0900	DI	8260 VOCs																						
<table border="1"> <tr> <td rowspan="2">Comments</td> <td>4°C ☒ Frozen</td> <td>HCl ☒ H₂O</td> <td>NaOH</td> <td rowspan="2">Temperature on Receipt 4.2 °C</td> </tr> <tr> <td>MeOH</td> <td>Ascorbic Acid</td> <td>Other</td> </tr> <tr> <td rowspan="2">AST Class B Package reg'd by end of 2nd week of April.</td> <td>W110102</td> <td>3-29-12/9:15</td> <td>3-29-12 8:15</td> <td rowspan="2">Date/Time</td> </tr> <tr> <td>Samples Relinquished By</td> <td>Date/Time</td> <td>Samples Received By</td> </tr> <tr> <td>Samples Relinquished By</td> <td>Date/Time</td> <td>Samples Received in LAB by</td> <td>Date/Time</td> <td></td> </tr> </table>					Comments	4°C ☒ Frozen	HCl ☒ H ₂ O	NaOH	Temperature on Receipt 4.2 °C	MeOH	Ascorbic Acid	Other	AST Class B Package reg'd by end of 2 nd week of April.	W110102	3-29-12/9:15	3-29-12 8:15	Date/Time	Samples Relinquished By	Date/Time	Samples Received By	Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time	
Comments	4°C ☒ Frozen	HCl ☒ H ₂ O	NaOH	Temperature on Receipt 4.2 °C																					
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	Samples Relinquished By	Date/Time	Samples Received By																						
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time																						

DATA USABILITY SUMMARY REPORT

KINGSTON CVS SITE

GROUNDWATER SAMPLED MARCH 2012

SDG 12C1032

Prepared for:

**THE CHAZEN COMPANIES
21 Fox Street
Poughkeepsie, NY 12601**

Prepared by:

**DATAVAL, Inc.
518 Hooper Rd., PMB 283
Endwell, NY 13760**

DATA USABILITY SUMMARY REPORT

for

THE CHAZEN COMPANIES

21 Fox Street

Poughkeepsie, NY 12601

KINGSTON CVS SITE
Groundwater Samples
SDG: 12C1032
Sampled 03/27/2012

VOLATILE ORGANICS

KC-MW-1	0312	(12C1032-01)
KC-MW-2	0312	(12C1032-02)
KC-MW-3	0312	(12C1032-03)
KC-MW-4	0312	(12C1032-04)
KC-MW-5	0312	(12C1032-05)
KC-MW-DUP	0312	(12C1032-06)
TRIP BLANK	0312	(12C1032-07)

DATA ASSESSMENT

A volatile organics data package containing analytical results for six groundwater samples and a trip blank was received from The Chazen Companies on 16Apr12. The ASP deliverables package included formal reports, raw data, the necessary QC, and supporting information. The samples, taken from the Kingston CVS Site, were identified by Chain of Custody documents and traceable through the work of York Analytical Laboratories, Inc., the laboratory contracted for analysis. Analyses, performed according to SW-846 Method 8260, addressed Priority Pollutant analytes. Laboratory data was evaluated according to the quality assurance / quality control requirements of the New York State Department of Environmental Conservation's Analytical Services Protocol, September 1989, Rev. 07/2005. When the required protocol was not followed, the current EPA Region II Functional Guidelines (SOP HW-24, Rev. #2, August 2008, Validating Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry SW-846 Method 8260B was used as a technical reference.

The acetone and methylene chloride (METH CL) concentrations reported from this project have been flagged as undetected because similar artifacts were present in the associated blanks. Similarly, trichloroethene (TCE) should be considered undetected in KC-MW-02 and KC-MW-05, naphthalene should be interpreted as undetected in KC-MW-01, KC-MW-02 and KC-MW-04, and cis-1,2-dichloroethene (12DCE), should be considered undetected in KC-MW-05.

The bromomethane (BRMANE), carbon tetrachloride (CCl4) and 1,1-dichloropropene (11DCPENE) results from this delivery group have been qualified as estimations due to poor calibration performance.

The acetone, MTBE, naphthalene and dichlorodifluoromethane (CL2F2MANE) results from each program sample have been qualified as estimations due to unacceptable spiked sample recoveries.

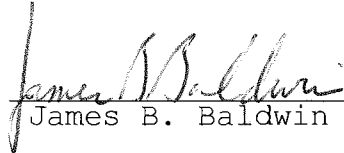
CORRECTNESS AND USABILITY

Reported data should be considered technically defensible and completely usable in its present form. Data presenting a usable estimation of the conditions being measured has been flagged "U", or "UJ". Data felt to be unreliable has been identified with a single red line and flagged "R". Rejected data should not be included in data tables. Estimated data should be used with caution. A detailed discussion of the review process follows.

Two facts should be considered by all data users. No compound concentration, even if it has passed all QC testing, can be guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error. Secondly.

DATAVAL, Inc. guarantees the quality of this data assessment. However, DATAVAL, Inc. does not warrant any interpretation or utilization of this data by a third party.

Reviewer's signature:


James B. Baldwin

Date: 18 Apr 2012

SAMPLE HISTORY

Analyte concentrations can deteriorate with time due to chemical instability, bacterial degradation or volatility. Samples that are not properly preserved or are not analyzed within established holding times may no longer be considered representative. Holding times are calculated from the Verified Time of Sample Receipt (VTSR). Samples must remain chilled to 4°C between the time of collection and the time of analysis. Acid preserved VOA samples must be analyzed within 12 days of VTSR, unpreserved samples within 5 days. The holding time for soils is 12 days.

This sample delivery group contained six groundwater samples and a trip blank that were collected from the Kingston CVS site on 27Mar12 and were delivered to the laboratory on 29Mar12. The samples arrived intact and properly chilled. A cooler temperature of 4.2°C was recorded at the time of receipt. Proper sample preservation was documented in the field custody record and verified in the laboratory. It is noted that the pH of each sample was not documented at the time of analysis. This area of documentation should be improved. The analysis of each sample, including dilutions, satisfied the ASP holding time limitations.

It is noted that although the original field custody chain was incomplete, the missing information was provided in an e-mail from The Chazen Companies.

BLANKS

Blanks are analyzed to evaluate various sources of sample contamination. Field blanks monitor sampling activities. Method blanks are analyzed to verify instrument integrity. Samples are considered compromised by conditions causing contamination in any blank. Any sample concentration less than 5 times the level determined in a blank must be qualified. The qualification criteria is extended to ten times the concentration observed in blanks for common laboratory artifacts. These include acetone, methylene chloride and 2-butanone. Chloroform is also frequently present as a laboratory artifact.

Two method blanks and a trip blank were analyzed with this group of samples. Although each blank demonstrated acceptable chromatography, each also contained concentrations of acetone and methylene chloride that ranged between 4.2 µg/l and 11 µg/l, and 3.8 µg/l and 4.2 µg/l, respectively. Additionally, the trip blank contained 2.1 µg/l of cis-1,2-dichloroethene and 1.3µg/l of trichloroethene. One method blank also contained 2.8 µg/l of naphthalene. Similar artifacts of methylene chloride and acetone were found throughout this group of samples. Both should be interpreted as undetected in samples. Detection limits equaling CRDL or the reported concentration, whichever is greater, should be assumed.

Similarly, trichloroethene should be considered undetected in KC-MW-02 and KC-MW-05, naphthalene should be interpreted as unde-

tected in KC-MW-01, KC-MW-02 and KC-MW-04, and cis-1,2-dichloroethene, should be considered undetected in KC-MW-05. Trichloroethene, naphthalene and cis-1,2-dichloroethene were either undetected or present at concentrations exceeding the range requiring qualifications in the remaining samples.

MS TUNING

Mass spectrometer tuning and performance criteria are established to ensure sufficient mass resolution and sensitivity to accurately detect and identify targeted analytes. Verification is accomplished using a certified standard.

An Instrument Performance Check Standard of BFB was analyzed prior to each analytical sequence and during every 12-hour period of instrument operation. An Instrument Performance Check Form is present for each BFB evaluation. Each BFB analysis satisfied the ASP acceptance criteria.

CALIBRATION

Requirements for instrument calibration are established to ensure that laboratory equipment is capable of producing accurate, quantitative data. Initial calibrations demonstrate a range through which measurements may be made. Continuing calibration check standards verify instrument stability.

The initial instrument calibration was performed on 27Mar12. Standards of 5, 10, 20, 50, 100 and 200 µg/l were included. During this calibration each targeted analyte produced the required levels of instrument response and demonstrated an acceptable degree of linearity.

Continuing calibration checks were performed on 03Apr12 and 04Apr12, prior to the twelve-hour periods of instrument operation that included samples from this program. When compared to the initial calibration, the 03Mar12 check demonstrated unacceptably large shifts in the response of bromomethane, 1,1-dichloropropene and carbon tetrachloride. The bromomethane, 1,1-dichloropropene and carbon tetrachloride results from this project have been qualified as estimations based on this performance.

Large shifts were also observed in the response of 1,1-dichloropropene and carbon tetrachloride during the check on 04Apr12. This performance had no impact on reported data. Only trichloroethene, cis-1,2-dichloroethene and vinyl chloride were reported from the associated samples.

SURROGATES

Each sample, blank and standard is spiked with surrogate compounds prior to analysis. The structures of surrogates are similar to analytes of interest, but they are not normally found in environmental samples. Surrogate recoveries are monitored to evaluate overall laboratory performance and the efficiency of laboratory technique.

Although Surrogate Summary Sheets were prepared, an incorrect acceptance criteria was applied. However, when compared to the ASP requirements, acceptable performance was observed.

INTERNAL STANDARDS

Internal standards are added to each sample, blank and standard just prior to injection. Analyte concentrations are calculated relative to the response of a specific internal standard. Internal standard performance criteria ensure that GC/MS sensitivity and response are stable during the analysis of each sample. The area of internal standard peaks may not vary by more than a factor of two. When compared to the preceding calibration check, retention times may not vary by more than 30 seconds.

The laboratory correctly calculated control limits for internal standard response and retention times. When compared to these limits, an acceptable response was reported for the internal standard additions to each program sample.

MATRIX SPIKES

Matrix spiking refers to the addition of known analyte concentrations to a sample, prior to analysis. Analyte recoveries provide an indication of laboratory accuracy. The analysis of a duplicate spiked aliquot provides a measurement of precision.

KC-MW-04 was selected for matrix spiking. The entire list of targeted analytes was added to two aliquots of this sample. Acceptable recoveries were reported for the ASP required additions to this MS/MSD pair.

Recoveries that fell outside of the laboratory's range of acceptance were reported for 1,1-dichloropropene (135%,143%), acetone (21.6%,24.1%), MTBE (45.5%,64.6%), naphthalene (74.8%) and dichlorodifluoromethane (8.08%). The positive bias observed in the measurements of 1,1-dichloropropene warrant no concern. 1,1-Dichloropropene was not detected in this group of samples. The acetone, MTBE and naphthalene results from this project have been qualified as estimations. Dichlorodifluoromethane results have been rejected.

Two pairs of spiked blanks (LCS) were also analyzed with this group of samples. The recoveries reported from the initial pair of LCS included high results for 1,1-dichloropropene (157%,153%) and carbon tetrachloride (139%,139%). This performance warrants no concern because these analytes were not detected in this group of samples.

The second LCS pair produced acceptable recoveries of trichloroethene, cis-1,2-dichloroethene and vinyl chloride, the only targeted analytes reported from the associated samples.

DUPLICATES

Two aliquots of the same sample are processed separately through all aspects of sample preparation and analysis. Results produced by the analysis of this pair of samples are compared as a measurement of precision. Poor precision may be indicative of sample non-homogeneity, method defects or poor laboratory technique.

Field split duplicate samples were not identified in this delivery group.

REPORTED ANALYTES

Formal reports were provided for each sample. The data package also included total ion chromatograms and raw instrument print-outs. Reference mass spectra were provided to confirm the identification of each analyte that was detected in this group of samples. Reported concentrations, and CRDL's have been adjusted to reflect sample size and dilutions. Tentatively Identified Compounds (TIC) were not reported.

SUMMARY OF QUALIFIED DATA

Kingston CVS site

SAMPLED: March 2012

	BLANK METH CHL	BLANK ACETONE	BLANK 12DCE	BLANK TCE	BLANK NAPHTHALENE	CALIBRATE BRMANE	CALIBRATE CCl4
• KC-MW-1 0312	5U	8.1U			10U	5UJ	5UJ
• KC-MW-2 0312	5U	8.2U		5U	10U	5UJ	5UJ
• KC-MW-3 0312	5U					5UJ	5UJ
• KC-MW-4 0312	5U	32U			10U	5UJ	5UJ
KC-MW-5 0312	5U	8.0U	6.1U	5.7U		5UJ	5UJ
• KC-MW-DUP 0312	5U	9.7U				5UJ	5UJ
TRIP BLANK 0312	3.8	4.2	2.1	1.3		5UJ	5UJ

	CALIBRATE 11DCPENE	SPIKE ACETONE	SPIKES MTBE	SPIKE NAPHTHALENE	SPIKE CL2F2MANE
• KC-MW-1 0312	5UJ	8.1UJ	5.0UJ	10UJ	REJECT
• KC-MW-2 0312	5UJ	8.2UJ	5.0UJ	10UJ	REJECT
• KC-MW-3 0312	5UJ	10UJ	5.0UJ	10UJ	REJECT
• KC-MW-4 0312	5UJ	32UJ	5.0UJ	10UJ	REJECT
KC-MW-5 0312	5UJ	8.0UJ	5.0UJ	10UJ	REJECT
• KC-MW-DUP 0312	5UJ	9.7UJ	5.0UJ	10UJ	REJECT
TRIP BLANK 0312	5UJ	4.2J	5.0UJ	10UJ	REJECT

FORM I

ORGANIC ANALYSIS DATA SHEET

KC-MW-01 0312

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc. SDG: 12C1032
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.00 Kingston CVS
 Matrix: Water Laboratory ID: 12C1032-01 File ID: V383304W.D
 Sampled: 03/27/12 18:15 Prepared: 04/02/12 14:43 Analyzed: 04/04/12 02:34
 Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL
 Batch: BD20156 Sequence: Calibration: Instrument: VOA No. 3

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U
71-55-6	1,1,1-Trichloroethane	1	1.3	J
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
75-34-3	1,1-Dichloroethane	1	6.4	
75-35-4	1,1-Dichloroethylene	1	8.2	
563-58-6	1,1-Dichloropropylene	1	5.0	UJ X
87-61-6	1,2,3-Trichlorobenzene	1	10	U
96-18-4	1,2,3-Trichloropropane	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	10	U
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U
106-93-4	1,2-Dibromoethane	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
142-28-9	1,3-Dichloropropane	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
594-20-7	2,2-Dichloropropane	1	5.0	U
78-93-3	2-Butanone	1	10	U
95-49-8	2-Chlorotoluene	1	5.0	U
106-43-4	4-Chlorotoluene	1	5.0	U
67-64-1	Acetone	1	8.1	UJ JB
71-43-2	Benzene	1	5.0	U
108-86-1	Bromobenzene	1	5.0	U
74-97-5	Bromochloromethane	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
75-25-2	Bromoform	1	5.0	U
74-83-9	Bromomethane	1	5.0	UJ U
56-23-5	Carbon tetrachloride	1	5.0	UJ U
108-90-7	Chlorobenzene	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
67-66-3	Chloroform	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethylene	50	1900	D
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U
124-48-1	Dibromochloromethane	1	5.0	U

FORM I

ORGANIC ANALYSIS DATA SHEET

KC-MW-01 0312

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc. SDG: 12C1032
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.00 Kingston CVS
 Matrix: Water Laboratory ID: 12C1032-01 File ID: V383304W.D
 Sampled: 03/27/12 18:15 Prepared: 04/02/12 14:43 Analyzed: 04/04/12 02:34
 Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL
 Batch: BD20156 Sequence: Calibration: Instrument: VOA No. 3

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-95-3	Dibromomethane	1	5.0	U
75-71-8	Dichlorodifluoromethane	1	~~5.0~~	~~U~~ R
100-41-4	Ethyl Benzene	1	5.0	U
87-68-3	Hexachlorobutadiene	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	VJ U
75-09-2	Methylene chloride	1	~~4.2~~ 5.0	U JB
91-20-3	Naphthalene	1	~~1.5~~ 10	VJ JB
104-51-8	n-Butylbenzene	1	5.0	U
103-65-1	n-Propylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
1330-20-7P/M	p- & m- Xylenes	1	10	U
99-87-6	p-Isopropyltoluene	1	5.0	U
135-98-8	sec-Butylbenzene	1	5.0	U
100-42-5	Styrene	1	5.0	U
98-06-6	tert-Butylbenzene	1	5.0	U
127-18-4	Tetrachloroethylene	1	5.0	U
108-88-3	Toluene	1	5.0	U
156-60-5	trans-1,2-Dichloroethylene	1	75	
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U
79-01-6	Trichloroethylene	50	1200	D
75-69-4	Trichlorofluoromethane	1	5.0	U
75-01-4	Vinyl Chloride	50	160	JD
1330-20-7	Xylenes, Total	1	15	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	50.0	100	72.6 - 129	
p-Bromofluorobenzene	50.0	46.1	92.2	63.5 - 145	
Toluene-d8	50.0	48.0	96.0	81.2 - 127	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

KC-MW-02 0312

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc. SDG: 12C1032
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.00 Kingston CVS
 Matrix: Water Laboratory ID: 12C1032-02 File ID: V383306W.D
 Sampled: 03/27/12 18:07 Prepared: 04/02/12 14:43 Analyzed: 04/04/12 03:19
 Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL
 Batch: BD20120 Sequence: Calibration: Instrument: VOA No. 3

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U
71-55-6	1,1,1-Trichloroethane	1	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
75-34-3	1,1-Dichloroethane	1	1.3	J
75-35-4	1,1-Dichloroethylene	1	5.0	U
563-58-6	1,1-Dichloropropylene	1	5.0	UJ
87-61-6	1,2,3-Trichlorobenzene	1	10	U
96-18-4	1,2,3-Trichloropropane	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	10	U
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U
106-93-4	1,2-Dibromoethane	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
142-28-9	1,3-Dichloropropane	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
594-20-7	2,2-Dichloropropane	1	5.0	U
78-93-3	2-Butanone	1	10	U
95-49-8	2-Chlorotoluene	1	5.0	U
106-43-4	4-Chlorotoluene	1	5.0	U
67-64-1	Acetone	1	8.2	UJJB
71-43-2	Benzene	1	5.0	U
108-86-1	Bromobenzene	1	5.0	U
74-97-5	Bromochloromethane	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
75-25-2	Bromoform	1	5.0	U
74-83-9	Bromomethane	1	5.0	UJ
56-23-5	Carbon tetrachloride	1	5.0	UJ
108-90-7	Chlorobenzene	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
67-66-3	Chloroform	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethylene	1	29	
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U
124-48-1	Dibromochloromethane	1	5.0	U

FORM I

ORGANIC ANALYSIS DATA SHEET

KC-MW-02 0312

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc. SDG: 12C1032
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.00 Kingston CVS
 Matrix: Water Laboratory ID: 12C1032-02 File ID: V383306W.D
 Sampled: 03/27/12 18:07 Prepared: 04/02/12 14:43 Analyzed: 04/04/12 03:19
 Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL
 Batch: BD20120 Sequence: Calibration: Instrument: VOA No. 3

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-95-3	Dibromomethane	1	5.0	U
75-71-8	Dichlorodifluoromethane	1	~~5.0~~	~~U~~ R
100-41-4	Ethyl Benzene	1	5.0	U
87-68-3	Hexachlorobutadiene	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U J
75-09-2	Methylene chloride	1	3.8 5.0	U JB
91-20-3	Naphthalene	1	12 10	U J
104-51-8	n-Butylbenzene	1	5.0	U
103-65-1	n-Propylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
1330-20-7P/M	p- & m- Xylenes	1	10	U
99-87-6	p-Isopropyltoluene	1	5.0	U
135-98-8	sec-Butylbenzene	1	5.0	U
100-42-5	Styrene	1	5.0	U
98-06-6	tert-Butylbenzene	1	5.0	U
127-18-4	Tetrachloroethylene	1	5.0	U
108-88-3	Toluene	1	5.0	U
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U
79-01-6	Trichloroethylene	1	3.8 5.0	U J
75-69-4	Trichlorofluoromethane	1	5.0	U
75-01-4	Vinyl Chloride	1	5.7	
1330-20-7	Xylenes, Total	1	15	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	48.0	96.1	72.6 - 129	
p-Bromofluorobenzene	50.0	46.4	92.8	63.5 - 145	
Toluene-d8	50.0	50.0	100	81.2 - 127	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

KC-MW-03 0312

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc. SDG: 12C1032
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.00 Kingston CVS
 Matrix: Water Laboratory ID: 12C1032-03 File ID: V383308W.D
 Sampled: 03/27/12 17:55 Prepared: 04/02/12 14:43 Analyzed: 04/04/12 04:03
 Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL
 Batch: BD20120 Sequence: Calibration: Instrument: VOA No. 3

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U
71-55-6	1,1,1-Trichloroethane	1	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
75-34-3	1,1-Dichloroethane	1	5.0	U
75-35-4	1,1-Dichloroethylene	1	5.0	U
563-58-6	1,1-Dichloropropylene	1	5.0	U
87-61-6	1,2,3-Trichlorobenzene	1	10	U
96-18-4	1,2,3-Trichloropropane	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	10	U
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U
106-93-4	1,2-Dibromoethane	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
142-28-9	1,3-Dichloropropane	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
594-20-7	2,2-Dichloropropane	1	5.0	U
78-93-3	2-Butanone	1	10	U
95-49-8	2-Chlorotoluene	1	5.0	U
106-43-4	4-Chlorotoluene	1	5.0	U
67-64-1	Acetone	1	10	U
71-43-2	Benzene	1	5.0	U
108-86-1	Bromobenzene	1	5.0	U
74-97-5	Bromochloromethane	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
75-25-2	Bromoform	1	5.0	U
74-83-9	Bromomethane	1	5.0	U
56-23-5	Carbon tetrachloride	1	5.0	U
108-90-7	Chlorobenzene	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
67-66-3	Chloroform	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethylene	1	5.0	U
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U
124-48-1	Dibromochloromethane	1	5.0	U

FORM I

ORGANIC ANALYSIS DATA SHEET

KC-MW-03 0312

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc. SDG: 12C1032
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.00 Kingston CVS
 Matrix: Water Laboratory ID: 12C1032-03 File ID: V383308W.D
 Sampled: 03/27/12 17:55 Prepared: 04/02/12 14:43 Analyzed: 04/04/12 04:03
 Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL
 Batch: BD20120 Sequence: Calibration: Instrument: VOA No. 3

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-95-3	Dibromomethane	1	5.0	U
75-71-8	Dichlorodifluoromethane	1	~~5.0~~	~~U~~ R
100-41-4	Ethyl Benzene	1	5.0	U
87-68-3	Hexachlorobutadiene	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U ✓
75-09-2	Methylene chloride	1	~~3.6~~ 5.0	U ✓ JB
91-20-3	Naphthalene	1	10	U ✓
104-51-8	n-Butylbenzene	1	5.0	U
103-65-1	n-Propylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
1330-20-7P/M	p- & m- Xylenes	1	10	U
99-87-6	p-Isopropyltoluene	1	5.0	U
135-98-8	sec-Butylbenzene	1	5.0	U
100-42-5	Styrene	1	5.0	U
98-06-6	tert-Butylbenzene	1	5.0	U
127-18-4	Tetrachloroethylene	1	5.0	U
108-88-3	Toluene	1	5.0	U
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U
79-01-6	Trichloroethylene	1	5.0	U
75-69-4	Trichlorofluoromethane	1	5.0	U
75-01-4	Vinyl Chloride	1	5.0	U
1330-20-7	Xylenes, Total	1	15	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	49.2	98.3	72.6 - 129	
p-Bromofluorobenzene	50.0	47.0	94.0	63.5 - 145	
Toluene-d8	50.0	49.7	99.5	81.2 - 127	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

KC-MW-04 0312

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc. SDG: 12C1032
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.00 Kingston CVS
 Matrix: Water Laboratory ID: 12C1032-04 File ID: V383310W.D
 Sampled: 03/27/12 11:55 Prepared: 04/02/12 14:43 Analyzed: 04/04/12 04:47
 Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL
 Batch: BD20120 Sequence: Calibration: Instrument: VOA No. 3

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U
71-55-6	1,1,1-Trichloroethane	1	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
75-34-3	1,1-Dichloroethane	1	5.0	U
75-35-4	1,1-Dichloroethylene	1	5.0	U
563-58-6	1,1-Dichloropropylene	1	5.0	U
87-61-6	1,2,3-Trichlorobenzene	1	10	U
96-18-4	1,2,3-Trichloropropane	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	10	U
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U
106-93-4	1,2-Dibromoethane	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
142-28-9	1,3-Dichloropropane	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
594-20-7	2,2-Dichloropropane	1	5.0	U
78-93-3	2-Butanone	1	10	U
95-49-8	2-Chlorotoluene	1	5.0	U
106-43-4	4-Chlorotoluene	1	5.0	U
67-64-1	Acetone	1	32	U
71-43-2	Benzene	1	5.0	U
108-86-1	Bromobenzene	1	5.0	U
74-97-5	Bromochloromethane	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
75-25-2	Bromoform	1	5.0	U
74-83-9	Bromomethane	1	5.0	U
56-23-5	Carbon tetrachloride	1	5.0	U
108-90-7	Chlorobenzene	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
67-66-3	Chloroform	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethylene	1	5.0	U
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U
124-48-1	Dibromochloromethane	1	5.0	U

FORM I

ORGANIC ANALYSIS DATA SHEET

KC-MW-04 0312

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc. SDG: 12C1032
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.00 Kingston CVS
 Matrix: Water Laboratory ID: 12C1032-04 File ID: V383310W.D
 Sampled: 03/27/12 11:55 Prepared: 04/02/12 14:43 Analyzed: 04/04/12 04:47
 Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL
 Batch: BD20120 Sequence: Calibration: Instrument: VOA No. 3

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-95-3	Dibromomethane	1	5.0	U
75-71-8	Dichlorodifluoromethane	1	~~5.0~~	~~U~~ R
100-41-4	Ethyl Benzene	1	5.0	U
87-68-3	Hexachlorobutadiene	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U J
75-09-2	Methylene chloride	1	34 5.0	U JB
91-20-3	Naphthalene	1	12 10	U J
104-51-8	n-Butylbenzene	1	5.0	U
103-65-1	n-Propylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
1330-20-7P/M	p- & m- Xylenes	1	10	U
99-87-6	p-Isopropyltoluene	1	5.0	U
135-98-8	sec-Butylbenzene	1	5.0	U
100-42-5	Styrene	1	5.0	U
98-06-6	tert-Butylbenzene	1	5.0	U
127-18-4	Tetrachloroethylene	1	5.0	U
108-88-3	Toluene	1	5.0	U
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U
79-01-6	Trichloroethylene	1	5.0	U
75-69-4	Trichlorofluoromethane	1	5.0	U
75-01-4	Vinyl Chloride	1	5.0	U
1330-20-7	Xylenes, Total	1	15	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	47.4	94.8	72.6 - 129	
p-Bromofluorobenzene	50.0	47.3	94.6	63.5 - 145	
Toluene-d8	50.0	49.7	99.5	81.2 - 127	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

KC-MW-05 0312

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc. SDG: 12C1032
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.00 Kingston CVS
 Matrix: Water Laboratory ID: 12C1032-05 File ID: V383312W.D
 Sampled: 03/27/12 17:25 Prepared: 04/02/12 14:43 Analyzed: 04/04/12 05:31
 Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL
 Batch: BD20120 Sequence: Calibration: Instrument: VOA No. 3

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U
71-55-6	1,1,1-Trichloroethane	1	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
75-34-3	1,1-Dichloroethane	1	5.0	U
75-35-4	1,1-Dichloroethylene	1	5.0	U
563-58-6	1,1-Dichloropropylene	1	5.0	U
87-61-6	1,2,3-Trichlorobenzene	1	10	U
96-18-4	1,2,3-Trichloropropane	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	10	U
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U
106-93-4	1,2-Dibromoethane	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
142-28-9	1,3-Dichloropropane	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
594-20-7	2,2-Dichloropropane	1	5.0	U
78-93-3	2-Butanone	1	10	U
95-49-8	2-Chlorotoluene	1	5.0	U
106-43-4	4-Chlorotoluene	1	5.0	U
67-64-1	Acetone	1	8.0	U
71-43-2	Benzene	1	5.0	U
108-86-1	Bromobenzene	1	5.0	U
74-97-5	Bromochloromethane	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
75-25-2	Bromoform	1	5.0	U
74-83-9	Bromomethane	1	5.0	U
56-23-5	Carbon tetrachloride	1	5.0	U
108-90-7	Chlorobenzene	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
67-66-3	Chloroform	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethylene	1	6.1	U
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U
124-48-1	Dibromochloromethane	1	5.0	U

FORM I

ORGANIC ANALYSIS DATA SHEET

KC-MW-05 0312

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc. SDG: 12C1032
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.00 Kingston CVS
 Matrix: Water Laboratory ID: 12C1032-05 File ID: V383312W.D
 Sampled: 03/27/12 17:25 Prepared: 04/02/12 14:43 Analyzed: 04/04/12 05:31
 Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL
 Batch: BD20120 Sequence: Calibration: Instrument: VOA No. 3

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-95-3	Dibromomethane	1	5.0	U
75-71-8	Dichlorodifluoromethane	1	~~5.0~~	~~U~~ R
100-41-4	Ethyl Benzene	1	5.0	U
87-68-3	Hexachlorobutadiene	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U JB
75-09-2	Methylene chloride	1	~~3.5~~ 5.0	U JB
91-20-3	Naphthalene	1	10	U JB
104-51-8	n-Butylbenzene	1	5.0	U
103-65-1	n-Propylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
1330-20-7P/M	p- & m- Xylenes	1	10	U
99-87-6	p-Isopropyltoluene	1	5.0	U
135-98-8	sec-Butylbenzene	1	5.0	U
100-42-5	Styrene	1	5.0	U
98-06-6	tert-Butylbenzene	1	5.0	U
127-18-4	Tetrachloroethylene	1	5.0	U
108-88-3	Toluene	1	5.0	U
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U
79-01-6	Trichloroethylene	1	5.7	U
75-69-4	Trichlorofluoromethane	1	5.0	U
75-01-4	Vinyl Chloride	1	5.0	U
1330-20-7	Xylenes, Total	1	15	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	46.7	93.3	72.6 - 129	
p-Bromofluorobenzene	50.0	47.5	94.9	63.5 - 145	
Toluene-d8	50.0	48.4	96.9	81.2 - 127	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

KC-FD-01 0312

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc. SDG: 12C1032
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.00 Kingston CVS
 Matrix: Water Laboratory ID: 12C1032-06 File ID: V383314W.D
 Sampled: 03/27/12 15:00 Prepared: 04/02/12 14:43 Analyzed: 04/04/12 06:16
 Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL
 Batch: BD20156 Sequence: Calibration: Instrument: VOA No. 3

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U
71-55-6	1,1,1-Trichloroethane	1	1.3	J
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
75-34-3	1,1-Dichloroethane	1	6.2	
75-35-4	1,1-Dichloroethylene	1	7.6	
563-58-6	1,1-Dichloropropylene	1	5.0	U
87-61-6	1,2,3-Trichlorobenzene	1	10	U
96-18-4	1,2,3-Trichloropropane	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	10	U
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U
106-93-4	1,2-Dibromoethane	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
142-28-9	1,3-Dichloropropane	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
594-20-7	2,2-Dichloropropane	1	5.0	U
78-93-3	2-Butanone	1	10	U
95-49-8	2-Chlorotoluene	1	5.0	U
106-43-4	4-Chlorotoluene	1	5.0	U
67-64-1	Acetone	1	9.7	U
71-43-2	Benzene	1	5.0	U
108-86-1	Bromobenzene	1	5.0	U
74-97-5	Bromochloromethane	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
75-25-2	Bromoform	1	5.0	U
74-83-9	Bromomethane	1	5.0	U
56-23-5	Carbon tetrachloride	1	5.0	U
108-90-7	Chlorobenzene	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
67-66-3	Chloroform	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethylene	50	2000	D
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U
124-48-1	Dibromochloromethane	1	5.0	U

FORM I

ORGANIC ANALYSIS DATA SHEET

KC-FD-01 0312

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc. SDG: 12C1032
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.00 Kingston CVS
 Matrix: Water Laboratory ID: 12C1032-06 File ID: V383314W.D
 Sampled: 03/27/12 15:00 Prepared: 04/02/12 14:43 Analyzed: 04/04/12 06:16
 Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL
 Batch: BD20156 Sequence: Calibration: Instrument: VOA No. 3

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-95-3	Dibromomethane	1	5.0	U
75-71-8	Dichlorodifluoromethane	1	~~5.0~~	~~U~~ R
100-41-4	Ethyl Benzene	1	5.0	U
87-68-3	Hexachlorobutadiene	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U
75-09-2	Methylene chloride	1	~~4.0~~ 5.0	U JB
91-20-3	Naphthalene	1	10	U
104-51-8	n-Butylbenzene	1	5.0	U
103-65-1	n-Propylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
1330-20-7P/M	p- & m- Xylenes	1	10	U
99-87-6	p-Isopropyltoluene	1	5.0	U
135-98-8	sec-Butylbenzene	1	5.0	U
100-42-5	Styrene	1	5.0	U
98-06-6	tert-Butylbenzene	1	5.0	U
127-18-4	Tetrachloroethylene	1	5.0	U
108-88-3	Toluene	1	5.0	U
156-60-5	trans-1,2-Dichloroethylene	1	70	
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U
79-01-6	Trichloroethylene	50	1200	D
75-69-4	Trichlorofluoromethane	1	5.0	U
75-01-4	Vinyl Chloride	50	170	JD
1330-20-7	Xylenes, Total	1	15	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	49.1	98.1	72.6 - 129	
p-Bromofluorobenzene	50.0	45.9	91.7	63.5 - 145	
Toluene-d8	50.0	47.6	95.2	81.2 - 127	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

TRIP BLANK 0312

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc. SDG: 12C1032
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.00 Kingston CVS
 Matrix: Water Laboratory ID: 12C1032-07 File ID: V383316W.D
 Sampled: 03/27/12 09:00 Prepared: 04/02/12 14:43 Analyzed: 04/04/12 07:00
 Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL
 Batch: BD20120 Sequence: Calibration: Instrument: VOA No. 3

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U
71-55-6	1,1,1-Trichloroethane	1	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
75-34-3	1,1-Dichloroethane	1	5.0	U
75-35-4	1,1-Dichloroethylene	1	5.0	U
563-58-6	1,1-Dichloropropylene	1	5.0	UJ
87-61-6	1,2,3-Trichlorobenzene	1	10	U
96-18-4	1,2,3-Trichloropropane	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	10	U
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U
106-93-4	1,2-Dibromoethane	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
142-28-9	1,3-Dichloropropane	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
594-20-7	2,2-Dichloropropane	1	5.0	U
78-93-3	2-Butanone	1	10	U
95-49-8	2-Chlorotoluene	1	5.0	U
106-43-4	4-Chlorotoluene	1	5.0	U
67-64-1	Acetone	1	4.2	UJB
71-43-2	Benzene	1	5.0	U
108-86-1	Bromobenzene	1	5.0	U
74-97-5	Bromochloromethane	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
75-25-2	Bromoform	1	5.0	U
74-83-9	Bromomethane	1	5.0	UJ
56-23-5	Carbon tetrachloride	1	5.0	UJ
108-90-7	Chlorobenzene	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
67-66-3	Chloroform	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethylene	1	2.1	J
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U
124-48-1	Dibromochloromethane	1	5.0	U

FORM I

ORGANIC ANALYSIS DATA SHEET

TRIP BLANK 0312

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc. SDG: 12C1032
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.00 Kingston CVS
 Matrix: Water Laboratory ID: 12C1032-07 File ID: V383316W.D
 Sampled: 03/27/12 09:00 Prepared: 04/02/12 14:43 Analyzed: 04/04/12 07:00
 Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL
 Batch: BD20120 Sequence: Calibration: Instrument: VOA No. 3

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-95-3	Dibromomethane	1	5.0	U
75-71-8	Dichlorodifluoromethane	1	~~5.0~~	~~U~~ R
100-41-4	Ethyl Benzene	1	5.0	U
87-68-3	Hexachlorobutadiene	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U JB
75-09-2	Methylene chloride	1	3.8	JB
91-20-3	Naphthalene	1	10	U JB
104-51-8	n-Butylbenzene	1	5.0	U
103-65-1	n-Propylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
1330-20-7P/M	p- & m- Xylenes	1	10	U
99-87-6	p-Isopropyltoluene	1	5.0	U
135-98-8	sec-Butylbenzene	1	5.0	U
100-42-5	Styrene	1	5.0	U
98-06-6	tert-Butylbenzene	1	5.0	U
127-18-4	Tetrachloroethylene	1	5.0	U
108-88-3	Toluene	1	5.0	U
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U
79-01-6	Trichloroethylene	1	1.3	J
75-69-4	Trichlorofluoromethane	1	5.0	U
75-01-4	Vinyl Chloride	1	5.0	U
1330-20-7	Xylenes, Total	1	15	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	45.8	91.7	72.6 - 129	
p-Bromofluorobenzene	50.0	47.1	94.2	63.5 - 145	
Toluene-d8	50.0	50.0	100	81.2 - 127	

* Values outside of QC limits

FORM II

SURROGATE STANDARD RECOVERY AND RT SUMMARY

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc.SDG: 12C1032Client: Chazen Environmental Services (Poughkeepsie)Project: 41103.00 Kingston CVS

Sequence:

Instrument:

Matrix: Water

Calibration:

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
LCS (BD20120-BS1)					Lab File ID: V383298L.D Analyzed: 04/04/12 00:21			
1,2-Dichloroethane-d4	50.0	95.0	72.6 - 129	4.76	76-114			
p-Bromofluorobenzene	50.0	95.8	63.5 - 145	9.25	86-115			
Toluene-d8	50.0	98.3	81.2 - 127	6.56	88-110			
LCS Dup (BD20120-BS1)					Lab File ID: V383300U.D Analyzed: 04/04/12 01:06			
1,2-Dichloroethane-d4	50.0	92.0	72.6 - 129	4.75				
p-Bromofluorobenzene	50.0	97.6	63.5 - 145	9.24				
Toluene-d8	50.0	97.9	81.2 - 127	6.54				
Blank (BD20120-BLK1)					Lab File ID: V383302B.D Analyzed: 04/04/12 01:50			
1,2-Dichloroethane-d4	50.0	94.7	72.6 - 129	4.76				
p-Bromofluorobenzene	50.0	95.7	63.5 - 145	9.24				
Toluene-d8	50.0	99.8	81.2 - 127	6.55				
KC-MW-01 0312 (12C1032-01)					Lab File ID: V383304W.D Analyzed: 04/04/12 02:34			
1,2-Dichloroethane-d4	50.0	100	72.6 - 129	4.76				
p-Bromofluorobenzene	50.0	92.2	63.5 - 145	9.24				
Toluene-d8	50.0	96.0	81.2 - 127	6.55				
KC-MW-02 0312 (12C1032-02)					Lab File ID: V383306W.D Analyzed: 04/04/12 03:19			
1,2-Dichloroethane-d4	50.0	96.1	72.6 - 129	4.76				
p-Bromofluorobenzene	50.0	92.8	63.5 - 145	9.24				
Toluene-d8	50.0	100	81.2 - 127	6.55				
KC-MW-03 0312 (12C1032-03)					Lab File ID: V383308W.D Analyzed: 04/04/12 04:03			
1,2-Dichloroethane-d4	50.0	98.3	72.6 - 129	4.75				
p-Bromofluorobenzene	50.0	94.0	63.5 - 145	9.24				
Toluene-d8	50.0	99.5	81.2 - 127	6.54				
KC-MW-04 0312 (12C1032-04)					Lab File ID: V383310W.D Analyzed: 04/04/12 04:47			
1,2-Dichloroethane-d4	50.0	94.8	72.6 - 129	4.76				
p-Bromofluorobenzene	50.0	94.6	63.5 - 145	9.24				
Toluene-d8	50.0	99.5	81.2 - 127	6.55				
KC-MW-05 0312 (12C1032-05)					Lab File ID: V383312W.D Analyzed: 04/04/12 05:31			
1,2-Dichloroethane-d4	50.0	93.3	72.6 - 129	4.76				
p-Bromofluorobenzene	50.0	94.9	63.5 - 145	9.24				
Toluene-d8	50.0	96.9	81.2 - 127	6.55				

FORM II

SURROGATE STANDARD RECOVERY AND RT SUMMARY

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc.SDG: 12C1032Client: Chazen Environmental Services (Poughkeepsie)Project: 41103.00 Kingston CVS

Sequence:

Instrument:

Matrix: Water

Calibration:

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
KC-FD-01 0312 (12C1032-06) Lab File ID: V383314W.D Analyzed: 04/04/12 06:16								
1,2-Dichloroethane-d4	50.0	98.1 ✓	72.6 - 129	4.76				
p-Bromofluorobenzene	50.0	91.7	63.5 - 145	9.24				
Toluene-d8	50.0	95.2	81.2 - 127	6.55				
TRIP BLANK 0312 (12C1032-07) Lab File ID: V383316W.D Analyzed: 04/04/12 07:00								
1,2-Dichloroethane-d4	50.0	91.7 ✓	72.6 - 129	4.76				
p-Bromofluorobenzene	50.0	94.2	63.5 - 145	9.24				
Toluene-d8	50.0	100	81.2 - 127	6.55				
Matrix Spike (BD20120-MS1) Lab File ID: V383322M.D Analyzed: 04/04/12 09:13								
1,2-Dichloroethane-d4	50.0	92.1 ✓	72.6 - 129	4.76				
p-Bromofluorobenzene	50.0	98.0	63.5 - 145	9.24				
Toluene-d8	50.0	98.2	81.2 - 127	6.55				
Matrix Spike Dup (BD20120-MSD1) Lab File ID: V383324D.D Analyzed: 04/04/12 09:57								
1,2-Dichloroethane-d4	50.0	93.5 ✓	72.6 - 129	4.76				
p-Bromofluorobenzene	50.0	97.5	63.5 - 145	9.24				
Toluene-d8	50.0	97.9	81.2 - 127	6.55				
LCS (BD20156-BS1) Lab File ID: V383330L.D Analyzed: 04/04/12 12:14								
1,2-Dichloroethane-d4	50.0	94.8 ✓	72.6 - 129	4.76				
p-Bromofluorobenzene	50.0	96.4	63.5 - 145	9.24				
Toluene-d8	50.0	97.5	81.2 - 127	6.55				
LCS Dup (BD20156-BSD1) Lab File ID: V383332U.D Analyzed: 04/04/12 12:59								
1,2-Dichloroethane-d4	50.0	102 ✓	72.6 - 129	4.76				
p-Bromofluorobenzene	50.0	99.8	63.5 - 145	9.24				
Toluene-d8	50.0	99.2	81.2 - 127	6.56				
Blank (BD20156-BLK1) Lab File ID: V383334B.D Analyzed: 04/04/12 13:43								
1,2-Dichloroethane-d4	50.0	90.8 ✓	72.6 - 129	4.77				
p-Bromofluorobenzene	50.0	97.7	63.5 - 145	9.25				
Toluene-d8	50.0	102	81.2 - 127	6.56				

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc.SDG: 12C1032Client: Chazen Environmental Services (Poughkeepsie)Project: 41103.00 Kingston CVSMatrix: WaterBatch: BD20120Laboratory ID: BD20120-BS1Preparation: EPA 5030BInitial/Final: 5 mL / 5 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	49	97.8	82.3 - 130
1,1,1-Trichloroethane	50.0	52	105	75.6 - 137
1,1,2,2-Tetrachloroethane	50.0	47	93.3	71.3 - 131
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.0	53	105	71.1 - 129
1,1,2-Trichloroethane	50.0	51	101	74.5 - 129
1,1-Dichloroethane	50.0	54	107	79.6 - 132
1,1-Dichloroethylene	50.0	51	101	~~80.2 - 146~~ <i>145</i>
1,1-Dichloropropylene	50.0	78	157 *	75 - 136
1,2,3-Trichlorobenzene	50.0	47	94.1	66.1 - 136
1,2,3-Trichloropropane	50.0	45	90.0	63 - 131
1,2,4-Trichlorobenzene	50.0	47	93.4	70.6 - 136
1,2,4-Trimethylbenzene	50.0	51	101	75.3 - 135
1,2-Dibromo-3-chloropropane	50.0	48	96.9	58.9 - 140
1,2-Dibromoethane	50.0	51	102	79 - 130
1,2-Dichlorobenzene	50.0	46	91.1	76.1 - 122
1,2-Dichloroethane	50.0	51	101	74.6 - 132
1,2-Dichloropropane	50.0	52	105	76.9 - 129
1,3,5-Trimethylbenzene	50.0	49	97.3	70.6 - 127
1,3-Dichlorobenzene	50.0	46	91.3	77 - 124
1,3-Dichloropropane	50.0	51	101	75.8 - 126
1,4-Dichlorobenzene	50.0	45	90.2	76.6 - 125
2,2-Dichloropropane	50.0	51	102	69 - 133
2-Butanone	50.0	48	96.0	70 - 130
2-Chlorotoluene	50.0	48	96.1	66.3 - 119
4-Chlorotoluene	50.0	49	97.0	69.2 - 127
Acetone	50.0	39	78.4	70 - 130
Benzene	50.0	54	108	~~76.2 - 129~~ <i>76-127</i>
Bromobenzene	50.0	48	96.5	71.3 - 123
Bromochloromethane	50.0	55	109	70.8 - 137
Bromodichloromethane	50.0	53	105	79.7 - 134

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc.SDG: 12C1032Client: Chazen Environmental Services (Poughkeepsie)Project: 41103.00 Kingston CVSMatrix: WaterBatch: BD20120Laboratory ID: BD20120-BS1Preparation: EPA 5030BInitial/Final: 5 mL / 5 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Bromoform	50.0	48	96.8	70.5 - 141
Bromomethane	50.0	63	126	43.9 - 147
Carbon tetrachloride	50.0	70	139 *	78.1 - 138
Chlorobenzene	50.0	50	101	~~80.4 - 125~~ 75-130
Chloroethane	50.0	50	99.6	55.8 - 140
Chloroform	50.0	51	103	76.6 - 133
Chloromethane	50.0	41	82.0	48.8 - 115
cis-1,2-Dichloroethylene	50.0	52	105	75.1 - 128
cis-1,3-Dichloropropylene	50.0	49	97.6	74.5 - 128
Dibromochloromethane	50.0	49	97.7	79.8 - 134
Dibromomethane	50.0	51	101	79 - 130
Dichlorodifluoromethane	50.0	34	67.0	47.1 - 101
Ethyl Benzene	50.0	54	109	80.8 - 128
Hexachlorobutadiene	50.0	46	92.5	64.8 - 128
Isopropylbenzene	50.0	52	104	75.5 - 135
Methyl tert-butyl ether (MTBE)	50.0	47	93.0	65.1 - 140
Methylene chloride	50.0	48	96.3	61.3 - 120
Naphthalene	50.0	48	96.1	62.3 - 148
n-Butylbenzene	50.0	47	94.2	67.2 - 123
n-Propylbenzene	50.0	50	99.4	70.5 - 127
o-Xylene	50.0	50	99.7	75.9 - 122
p- & m- Xylenes	100	110	105	77.7 - 127
p-Isopropyltoluene	50.0	49	97.8	75.6 - 129
sec-Butylbenzene	50.0	50	99.4	71.5 - 125
Styrene	50.0	51	102	77.8 - 123
tert-Butylbenzene	50.0	54	107	75.9 - 151
Tetrachloroethylene	50.0	56	111	63.6 - 167
Toluene	50.0	52	104	~~77-123~~ 76-125
trans-1,2-Dichloroethylene	50.0	53	106	76.3 - 139
trans-1,3-Dichloropropylene	50.0	49	97.6	72.5 - 137

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc. SDG: 12C1032
Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.00 Kingston CVS
Matrix: Water
Batch: BD20120 Laboratory ID: BD20120-BS1
Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Trichloroethylene	50.0	51	102	~~77.9 - 130~~ 71-120
Trichlorofluoromethane	50.0	49	97.3	57.4 - 133
Vinyl Chloride	50.0	46	91.5	54.9 - 124

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc.SDG: 12C1032Client: Chazen Environmental Services (Poughkeepsie)Project: 41103.00 Kingston CVSMatrix: WaterBatch: BD20120Laboratory ID: BD20120-BSD1Preparation: EPA 5030BInitial/Final: 5 mL / 5 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	% RPD #	QC LIMITS	
					RPD	REC.
1,1,1,2-Tetrachloroethane	50.0	51	101	3.60	21.1	82.3 - 130
1,1,1-Trichloroethane	50.0	54	109	3.86	19.7	75.6 - 137
1,1,2,2-Tetrachloroethane	50.0	50	101	7.71	20.8	71.3 - 131
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	55	110	4.60	21.7	71.1 - 129
1,1,2-Trichloroethane	50.0	53	105	3.72	20.3	74.5 - 129
1,1-Dichloroethane	50.0	56	112	3.87	20.6	79.6 - 132
1,1-Dichloroethylene	50.0	53	105	4.12	20	80.2 - 146
1,1-Dichloropropylene	50.0	77	153 *	2.13	19.3	75 - 136
1,2,3-Trichlorobenzene	50.0	50	100	6.42	21.6	66.1 - 136
1,2,3-Trichloropropane	50.0	47	93.5	3.77	23.9	63 - 131
1,2,4-Trichlorobenzene	50.0	50	101	7.44	21.7	70.6 - 136
1,2,4-Trimethylbenzene	50.0	52	104	2.92	18.8	75.3 - 135
1,2-Dibromo-3-chloropropane	50.0	58	116	18.2	27.7	58.9 - 140
1,2-Dibromoethane	50.0	52	103	0.973	23	79 - 130
1,2-Dichlorobenzene	50.0	49	97.0	6.27	19.8	76.1 - 122
1,2-Dichloroethane	50.0	54	109	7.05	20.2	74.6 - 132
1,2-Dichloropropane	50.0	54	107	2.32	20.7	76.9 - 129
1,3,5-Trimethylbenzene	50.0	49	97.8	0.533	18.9	70.6 - 127
1,3-Dichlorobenzene	50.0	48	96.4	5.46	19.2	77 - 124
1,3-Dichloropropane	50.0	52	105	3.65	22.1	75.8 - 126
1,4-Dichlorobenzene	50.0	48	95.3	5.50	18.6	76.6 - 125
2,2-Dichloropropane	50.0	53	106	4.81	19.8	69 - 133
2-Butanone	50.0	48	95.0	1.05	30	70 - 130
2-Chlorotoluene	50.0	51	102	5.94	21.6	66.3 - 119
4-Chlorotoluene	50.0	50	100	3.09	19	69.2 - 127
Acetone	50.0	43	85.7	8.85	30	70 - 130
Benzene	50.0	55	111	2.61	19	76.2 - 129
Bromobenzene	50.0	50	99.9	3.44	20.3	71.3 - 123
Bromochloromethane	50.0	58	116	5.82	23.9	70.8 - 137
Bromodichloromethane	50.0	54	108	2.82	21	79.7 - 134

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc. SDG: 12C1032
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.00 Kingston CVS
 Matrix: Water
 Batch: BD20120 Laboratory ID: BD20120-BSD1
 Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS	
					RPD	REC.
Bromoform	50.0	51	103	5.95	21.8	70.5 - 141
Bromomethane	50.0	66	132	4.13	28.4	43.9 - 147
Carbon tetrachloride	50.0	70	139 *	0.144	20.1	78.1 - 138
Chlorobenzene	50.0	52	105 ✓	3.85	19.9	80.4 - 125
Chloroethane	50.0	50	100	0.640	23.3	55.8 - 140
Chloroform	50.0	53	106	3.01	20.3	76.6 - 133
Chloromethane	50.0	42	84.8	3.38	24.5	48.8 - 115
cis-1,2-Dichloroethylene	50.0	55	109	4.12	20.5	75.1 - 128
cis-1,3-Dichloropropylene	50.0	49	99.0	1.36	19.9	74.5 - 128
Dibromochloromethane	50.0	51	102	4.80	21.3	79.8 - 134
Dibromomethane	50.0	53	106	5.18	22.4	79 - 130
Dichlorodifluoromethane	50.0	35	69.0	3.00	23.9	47.1 - 101
Ethyl Benzene	50.0	56	113	3.76	19.2	80.8 - 128
Hexachlorobutadiene	50.0	49	98.1	5.88	20.6	64.8 - 128
Isopropylbenzene	50.0	54	109	4.86	20	75.5 - 135
Methyl tert-butyl ether (MTBE)	50.0	48	96.9	4.04	23.6	65.1 - 140
Methylene chloride	50.0	49	98.2	1.95	20.4	61.3 - 120
Naphthalene	50.0	52	104	7.72	27.1	62.3 - 148
n-Butylbenzene	50.0	50	99.8	5.81	19.1	67.2 - 123
n-Propylbenzene	50.0	52	103	3.60	23.4	70.5 - 127
o-Xylene	50.0	52	104	4.62	19.3	75.9 - 122
p- & m- Xylenes	100	110	109	3.86	18.6	77.7 - 127
p-Isopropyltoluene	50.0	52	104	6.45	19.1	75.6 - 129
sec-Butylbenzene	50.0	52	104	4.92	18.9	71.5 - 125
Styrene	50.0	52	104	2.87	20.9	77.8 - 123
tert-Butylbenzene	50.0	56	112	4.89	20.9	75.9 - 151
Tetrachloroethylene	50.0	55	109	1.87	27.7	63.6 - 167
Toluene	50.0	54	107	3.16	18.7	77 - 123
trans-1,2-Dichloroethylene	50.0	53	107	0.978	19.5	76.3 - 139
trans-1,3-Dichloropropylene	50.0	50	100	2.67	19.3	72.5 - 137

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc. SDG: 12C1032
Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.00 Kingston CVS
Matrix: Water
Batch: BD20120 Laboratory ID: BD20120-BSD1
Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS	
					RPD	REC.
Trichloroethylene	50.0	52	103 ✓	0.720	20.5	77.9 - 130
Trichlorofluoromethane	50.0	51	101	3.99	21.4	57.4 - 133
Vinyl Chloride	50.0	47	94.7	3.46	22.3	54.9 - 124

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA SW846-8260B

KC-MW-04 0312

Laboratory: York Analytical Laboratories, Inc. SDG: 12C1032
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.00 Kingston CVS
 Matrix: Water
 Batch: BD20120 Laboratory ID: BD20120-MS1
 Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL
 Source Sample Name: KC-MW-04 0312

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	ND	43	86.2	82 - 138
1,1,1-Trichloroethane	50.0	ND	45	90.9	85.7 - 133
1,1,2,2-Tetrachloroethane	50.0	ND	44	88.4	78.6 - 136
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	ND	47	93.2	74.8 - 131
1,1,2-Trichloroethane	50.0	ND	44	87.8	82.5 - 129
1,1-Dichloroethane	50.0	ND	47	94.0	81.4 - 137
1,1-Dichloroethylene	50.0	ND	44	88.8 ✓	90 - 138
1,1-Dichloropropylene	50.0	ND	67	135 *	91.7 - 131
1,2,3-Trichlorobenzene	50.0	ND	39	78.7	75.9 - 130
1,2,3-Trichloropropane	50.0	ND	42	84.3	77.1 - 140
1,2,4-Trichlorobenzene	50.0	ND	38	76.8	69.8 - 135
1,2,4-Trimethylbenzene	50.0	ND	45	89.5	79.4 - 131
1,2-Dibromo-3-chloropropane	50.0	ND	43	86.7	66.6 - 143
1,2-Dibromoethane	50.0	ND	45	89.9	79.8 - 136
1,2-Dichlorobenzene	50.0	ND	42	84.5	79.9 - 130
1,2-Dichloroethane	50.0	ND	45	89.7	85 - 133
1,2-Dichloropropane	50.0	ND	46	92.9	81.1 - 132
1,3,5-Trimethylbenzene	50.0	ND	42	84.0	76.1 - 121
1,3-Dichlorobenzene	50.0	ND	41	81.9	79.1 - 124
1,3-Dichloropropane	50.0	ND	45	89.9	83.3 - 130
1,4-Dichlorobenzene	50.0	ND	40	80.0	79.4 - 128
2,2-Dichloropropane	50.0	ND	43	85.9	54.2 - 126
2-Butanone	50.0	ND	46	91.5	70 - 130
2-Chlorotoluene	50.0	ND	44	87.7	60.2 - 144
4-Chlorotoluene	50.0	ND	45	89.7	79.8 - 128
Acetone	50.0	32	42	21.6 *	70 - 130
Benzene	50.0	ND	48	95.5 ✓	74.1 - 134
Bromobenzene	50.0	ND	44	87.1	76.6 - 125
Bromochloromethane	50.0	ND	49	97.3	85 - 133
Bromodichloromethane	50.0	ND	46	92.1	80.8 - 143
Bromoform	50.0	ND	43	86.5	65.8 - 164
Bromomethane	50.0	ND	53	105	68.7 - 112

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA SW846-8260B

KC-MW-04 0312

Laboratory: York Analytical Laboratories, Inc. SDG: 12C1032
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.00 Kingston CVS
 Matrix: Water
 Batch: BD20120 Laboratory ID: BD20120-MS1
 Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL
 Source Sample Name: KC-MW-04 0312

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC. #	QC LIMITS REC.
Carbon tetrachloride	50.0	ND	60	119	85.7 - 138
Chlorobenzene	50.0	ND	44	88.3 ✓	79.9 - 129
Chloroethane	50.0	ND	43	86.5	74.7 - 127
Chloroform	50.0	ND	45	90.9	50.6 - 145
Chloromethane	50.0	ND	36	71.5	64 - 111
cis-1,2-Dichloroethylene	50.0	ND	46	93.0	75.5 - 129
cis-1,3-Dichloropropylene	50.0	ND	40	79.3	74.3 - 128
Dibromochloromethane	50.0	ND	43	85.8	76.8 - 150
Dibromomethane	50.0	ND	44	88.6	83.3 - 140
Dichlorodifluoromethane	50.0	ND	32	63.4	51 - 100
Ethyl Benzene	50.0	ND	48	95.9	82.9 - 127
Hexachlorobutadiene	50.0	ND	41	82.7	73 - 128
Isopropylbenzene	50.0	ND	48	95.4	78.7 - 131
Methyl tert-butyl ether (MTBE)	50.0	ND	23	45.1 *	81.2 - 134
Methylene chloride	50.0	3.4	40	73.9	57.8 - 103
Naphthalene	50.0	1.2	39	74.8 *	80.1 - 122
n-Butylbenzene	50.0	ND	43	86.3	72.4 - 120
n-Propylbenzene	50.0	ND	44	89.0	74 - 130
o-Xylene	50.0	ND	44	87.9	78.8 - 122
p- & m- Xylenes	100	ND	92	92.0	82.5 - 123
p-Isopropyltoluene	50.0	ND	44	88.4	64.9 - 132
sec-Butylbenzene	50.0	ND	45	89.6	25.4 - 151
Styrene	50.0	ND	43	86.2	74.1 - 134
tert-Butylbenzene	50.0	ND	50	99.4	79.5 - 171
Tetrachloroethylene	50.0	ND	43	86.9	72.5 - 130
Toluene	50.0	ND	46	92.3 ✓	77.8 - 121
trans-1,2-Dichloroethylene	50.0	ND	46	91.1	83.8 - 140
trans-1,3-Dichloropropylene	50.0	ND	39	78.8	74.9 - 136
Trichloroethylene	50.0	ND	45	90.4 ✓	84.4 - 125
Trichlorofluoromethane	50.0	ND	43	85.4	78.7 - 127
Vinyl Chloride	50.0	ND	41	81.4	72.1 - 116

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA SW846-8260B

KC-MW-04 0312

Laboratory: York Analytical Laboratories, Inc. SDG: 12C1032
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.00 Kingston CVS
 Matrix: Water
 Batch: BD20120 Laboratory ID: BD20120-MSD1
 Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL
 Source Sample Name: KC-MW-04 0312

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC. #	% RPD #	QC LIMITS	
					RPD	REC.
1,1,1,2-Tetrachloroethane	50.0	49	98.0	12.8	21.3	82 - 138
1,1,1-Trichloroethane	50.0	49	97.8	7.36	22.6	85.7 - 133
1,1,2,2-Tetrachloroethane	50.0	52	103	15.6	23.1	78.6 - 136
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	50	99.5	6.62	25.6	74.8 - 131
1,1,2-Trichloroethane	50.0	49	98.9	11.9	19.3	82.5 - 129
1,1-Dichloroethane	50.0	52	103	9.19	20.7	81.4 - 137
1,1-Dichloroethylene	50.0	49	98.2	10.0	22.9	90 - 138
1,1-Dichloropropylene	50.0	72	143 *	6.00	24.9	91.7 - 131
1,2,3-Trichlorobenzene	50.0	46	91.9	15.5	21.4	75.9 - 130
1,2,3-Trichloropropane	50.0	47	94.4	11.2	28	77.1 - 140
1,2,4-Trichlorobenzene	50.0	44	88.3	14.0	22.5	69.8 - 135
1,2,4-Trimethylbenzene	50.0	49	97.6	8.66	33.9	79.4 - 131
1,2-Dibromo-3-chloropropane	50.0	55	110	23.6 *	23.3	66.6 - 143
1,2-Dibromoethane	50.0	50	99.8	10.5	19.1	79.8 - 136
1,2-Dichlorobenzene	50.0	47	94.8	11.6	23.2	79.9 - 130
1,2-Dichloroethane	50.0	49	97.3	8.21	19.1	85 - 133
1,2-Dichloropropane	50.0	49	98.8	6.11	19.9	81.1 - 132
1,3,5-Trimethylbenzene	50.0	46	92.0	9.14	31.2	76.1 - 121
1,3-Dichlorobenzene	50.0	45	90.3	9.78	22.6	79.1 - 124
1,3-Dichloropropane	50.0	49	98.9	9.53	20.9	83.3 - 130
1,4-Dichlorobenzene	50.0	44	87.7	9.23	21	79.4 - 128
2,2-Dichloropropane	50.0	46	92.7	7.68	24.5	54.2 - 126
2-Butanone	50.0	43	86.7	5.43	30	70 - 130
2-Chlorotoluene	50.0	48	95.5	8.58	30.8	60.2 - 144
4-Chlorotoluene	50.0	49	97.7	8.58	23.2	79.8 - 128
Acetone	50.0	44	24.1 *	10.9	30	70 - 130
Benzene	50.0	51	102	6.32	20.8	74.1 - 134
Bromobenzene	50.0	47	94.4	8.11	23	76.6 - 125
Bromochloromethane	50.0	53	106	8.78	18.4	85 - 133
Bromodichloromethane	50.0	49	97.9	6.12	18.1	80.8 - 143
Bromoform	50.0	52	103	17.8	27.3	65.8 - 164
Bromomethane	50.0	62	124	16.5	22.8	68.7 - 112
Carbon tetrachloride	50.0	65	130	8.68	25.1	85.7 - 138

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA SW846-8260B

KC-MW-04 0312

Laboratory: York Analytical Laboratories, Inc. SDG: 12C1032
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.00 Kingston CVS
 Matrix: Water
 Batch: BD20120 Laboratory ID: BD20120-MSD1
 Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL
 Source Sample Name: KC-MW-04 0312

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC. #	% RPD #	QC LIMITS	
					RPD	REC.
Chlorobenzene	50.0	48	97.0 ✓	9.35	21	79.9 - 129
Chloroethane	50.0	47	94.9	9.26	23.7	74.7 - 127
Chloroform	50.0	49	98.7	8.23	21.7	50.6 - 145
Chloromethane	50.0	39	77.1	7.51	21.4	64 - 111
cis-1,2-Dichloroethylene	50.0	51	101	8.50	20.2	75.5 - 129
cis-1,3-Dichloropropylene	50.0	43	87.0	9.19	19.8	74.3 - 128
Dibromochloromethane	50.0	49	97.3	12.6	20.8	76.8 - 150
Dibromomethane	50.0	49	97.2	9.26	20.4	83.3 - 140
Dichlorodifluoromethane	50.0	4.0	8.08 *	155 *	27.6	51 - 100
Ethyl Benzene	50.0	52	104	7.78	21.4	82.9 - 127
Hexachlorobutadiene	50.0	44	88.2	6.37	26	73 - 128
Isopropylbenzene	50.0	50	101	5.57	26.7	78.7 - 131
Methyl tert-butyl ether (MTBE)	50.0	32	64.6 *	35.5 *	21.2	81.2 - 134
Methylene chloride	50.0	44	80.8	8.87	21.2	57.8 - 103
Naphthalene	50.0	48	94.5	23.3	26.1	80.1 - 122
n-Butylbenzene	50.0	46	92.8	7.30	30.8	72.4 - 120
n-Propylbenzene	50.0	47	94.8	6.29	31	74 - 130
o-Xylene	50.0	48	96.3	9.16	21	78.8 - 122
p- & m- Xylenes	100	100	99.6	7.90	22.5	82.5 - 123
p-Isopropyltoluene	50.0	48	95.1	7.24	25.2	64.9 - 132
sec-Butylbenzene	50.0	48	95.9	6.75	25.2	25.4 - 151
Styrene	50.0	48	95.3	9.98	20	74.1 - 134
tert-Butylbenzene	50.0	55	110	9.74	24.8	79.5 - 171
Tetrachloroethylene	50.0	46	92.6	6.33	22.7	72.5 - 130
Toluene	50.0	49	97.3 ✓	5.32	21.5	77.8 - 121
trans-1,2-Dichloroethylene	50.0	49	98.5	7.83	20.1	83.8 - 140
trans-1,3-Dichloropropylene	50.0	45	89.5	12.7	22.5	74.9 - 136
Trichloroethylene	50.0	46	92.7 ✓	2.49	20.7	84.4 - 125
Trichlorofluoromethane	50.0	46	91.9	7.33	24.7	78.7 - 127
Vinyl Chloride	50.0	45	89.5	9.50	24.9	72.1 - 116

Column to be used to flag recovery and RPD values with an asterisk

Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc.SDG: 12C1032Client: Chazen Environmental Services (Poughkeepsie)Project: 41103.00 Kingston CVSMatrix: WaterBatch: BD20156Laboratory ID: BD20156-BS1Preparation: EPA 5030BInitial/Final: 5 mL / 5 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	46	91.3	82.3 - 130
1,1,1-Trichloroethane	50.0	52	104	75.6 - 137
1,1,2,2-Tetrachloroethane	50.0	48	95.0	71.3 - 131
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.0	54	108	71.1 - 129
1,1,2-Trichloroethane	50.0	50	100	74.5 - 129
1,1-Dichloroethane	50.0	53	107	79.6 - 132
1,1-Dichloroethylene	50.0	52	103	80.2 - 146
1,1-Dichloropropylene	50.0	80	159 *	75 - 136
1,2,3-Trichlorobenzene	50.0	44	87.9	66.1 - 136
1,2,3-Trichloropropane	50.0	45	89.0	63 - 131
1,2,4-Trichlorobenzene	50.0	43	86.9	70.6 - 136
1,2,4-Trimethylbenzene	50.0	47	94.0	75.3 - 135
1,2-Dibromo-3-chloropropane	50.0	47	94.0	58.9 - 140
1,2-Dibromoethane	50.0	51	101	79 - 130
1,2-Dichlorobenzene	50.0	44	88.2	76.1 - 122
1,2-Dichloroethane	50.0	52	104	74.6 - 132
1,2-Dichloropropane	50.0	50	100	76.9 - 129
1,3,5-Trimethylbenzene	50.0	46	92.2	70.6 - 127
1,3-Dichlorobenzene	50.0	44	88.0	77 - 124
1,3-Dichloropropane	50.0	50	101	75.8 - 126
1,4-Dichlorobenzene	50.0	44	87.1	76.6 - 125
2,2-Dichloropropane	50.0	54	107	69 - 133
2-Butanone	50.0	52	103	70 - 130
2-Chlorotoluene	50.0	47	93.2	66.3 - 119
4-Chlorotoluene	50.0	48	95.3	69.2 - 127
Acetone	50.0	39	77.4	70 - 130
Benzene	50.0	53	106	76.2 - 129
Bromobenzene	50.0	47	94.9	71.3 - 123
Bromochloromethane	50.0	56	113	70.8 - 137
Bromodichloromethane	50.0	50	99.7	79.7 - 134

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc.SDG: 12C1032Client: Chazen Environmental Services (Poughkeepsie)Project: 41103.00 Kingston CVSMatrix: WaterBatch: BD20156Laboratory ID: BD20156-BS1Preparation: EPA 5030BInitial/Final: 5 mL / 5 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Bromoform	50.0	48	95.8	70.5 - 141
Bromomethane	50.0	65	131	43.9 - 147
Carbon tetrachloride	50.0	72	144 *	78.1 - 138
Chlorobenzene	50.0	48	96.4	80.4 - 125
Chloroethane	50.0	50	99.3	55.8 - 140
Chloroform	50.0	51	102	76.6 - 133
Chloromethane	50.0	41	81.2	48.8 - 115
cis-1,2-Dichloroethylene	50.0	52	105 ✓	75.1 - 128
cis-1,3-Dichloropropylene	50.0	47	94.7	74.5 - 128
Dibromochloromethane	50.0	47	94.9	79.8 - 134
Dibromomethane	50.0	52	103	79 - 130
Dichlorodifluoromethane	50.0	35	70.7	47.1 - 101
Ethyl Benzene	50.0	53	105	80.8 - 128
Hexachlorobutadiene	50.0	44	88.1	64.8 - 128
Isopropylbenzene	50.0	51	102	75.5 - 135
Methyl tert-butyl ether (MTBE)	50.0	39	78.8	65.1 - 140
Methylene chloride	50.0	47	94.4	61.3 - 120
Naphthalene	50.0	42	84.9	62.3 - 148
n-Butylbenzene	50.0	47	94.5	67.2 - 123
n-Propylbenzene	50.0	50	99.0	70.5 - 127
o-Xylene	50.0	47	94.3	75.9 - 122
p- & m- Xylenes	100	100	101	77.7 - 127
p-Isopropyltoluene	50.0	47	93.3	75.6 - 129
sec-Butylbenzene	50.0	48	96.2	71.5 - 125
Styrene	50.0	48	95.3	77.8 - 123
tert-Butylbenzene	50.0	53	106	75.9 - 151
Tetrachloroethylene	50.0	50	101	63.6 - 167
Toluene	50.0	51	102	77 - 123
trans-1,2-Dichloroethylene	50.0	52	104	76.3 - 139
trans-1,3-Dichloropropylene	50.0	49	98.9	72.5 - 137

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc. SDG: 12C1032
Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.00 Kingston CVS
Matrix: Water
Batch: BD20156 Laboratory ID: BD20156-BS1
Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Trichloroethylene	50.0	50	99.2 ✓	77.9 - 130
Trichlorofluoromethane	50.0	50	100	57.4 - 133
Vinyl Chloride	50.0	48	95.8 ✓	54.9 - 124

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc.SDG: 12C1032Client: Chazen Environmental Services (Poughkeepsie)Project: 41103.00 Kingston CVSMatrix: WaterBatch: BD20156Laboratory ID: BD20156-BSD1Preparation: EPA 5030BInitial/Final: 5 mL / 5 mL

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS	
					RPD	REC.
1,1,1,2-Tetrachloroethane	50.0	50	99.9	8.97	21.1	82.3 - 130
1,1,1-Trichloroethane	50.0	57	114	9.60	19.7	75.6 - 137
1,1,2,2-Tetrachloroethane	50.0	50	101	5.65	20.8	71.3 - 131
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	60	121	10.8	21.7	71.1 - 129
1,1,2-Trichloroethane	50.0	54	108	7.10	20.3	74.5 - 129
1,1-Dichloroethane	50.0	59	117	9.54	20.6	79.6 - 132
1,1-Dichloroethylene	50.0	58	116	11.3	20	80.2 - 146
1,1-Dichloropropylene	50.0	86	172 *	7.76	19.3	75 - 136
1,2,3-Trichlorobenzene	50.0	46	92.5	5.08	21.6	66.1 - 136
1,2,3-Trichloropropane	50.0	49	98.7	10.3	23.9	63 - 131
1,2,4-Trichlorobenzene	50.0	47	94.1	8.00	21.7	70.6 - 136
1,2,4-Trimethylbenzene	50.0	53	105	11.2	18.8	75.3 - 135
1,2-Dibromo-3-chloropropane	50.0	51	102	7.77	27.7	58.9 - 140
1,2-Dibromoethane	50.0	54	108	6.04	23	79 - 130
1,2-Dichlorobenzene	50.0	48	95.2	7.68	19.8	76.1 - 122
1,2-Dichloroethane	50.0	55	110	6.28	20.2	74.6 - 132
1,2-Dichloropropane	50.0	55	110	9.45	20.7	76.9 - 129
1,3,5-Trimethylbenzene	50.0	51	102	10.3	18.9	70.6 - 127
1,3-Dichlorobenzene	50.0	48	95.7	8.45	19.2	77 - 124
1,3-Dichloropropane	50.0	53	106	5.48	22.1	75.8 - 126
1,4-Dichlorobenzene	50.0	47	94.3	7.96	18.6	76.6 - 125
2,2-Dichloropropane	50.0	59	118	9.53	19.8	69 - 133
2-Butanone	50.0	47	93.1	10.2	30	70 - 130
2-Chlorotoluene	50.0	51	101	8.31	21.6	66.3 - 119
4-Chlorotoluene	50.0	51	102	7.07	19	69.2 - 127
Acetone	50.0	40	79.9	3.28	30	70 - 130
Benzene	50.0	58	117	9.23	19	76.2 - 129
Bromobenzene	50.0	50	101	5.89	20.3	71.3 - 123
Bromochloromethane	50.0	60	120	6.42	23.9	70.8 - 137
Bromodichloromethane	50.0	55	110	10.2	21	79.7 - 134

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc.SDG: 12C1032Client: Chazen Environmental Services (Poughkeepsie)Project: 41103.00 Kingston CVSMatrix: WaterBatch: BD20156Laboratory ID: BD20156-BSD1Preparation: EPA 5030BInitial/Final: 5 mL / 5 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	% RPD #	QC LIMITS	
					RPD	REC.
Bromoform	50.0	52	105	9.16	21.8	70.5 - 141
Bromomethane	50.0	74	148 *	12.1	28.4	43.9 - 147
Carbon tetrachloride	50.0	77	155 *	7.20	20.1	78.1 - 138
Chlorobenzene	50.0	53	105	8.67	19.9	80.4 - 125
Chloroethane	50.0	55	110	10.5	23.3	55.8 - 140
Chloroform	50.0	55	111	8.53	20.3	76.6 - 133
Chloromethane	50.0	45	90.4	10.8	24.5	48.8 - 115
cis-1,2-Dichloroethylene	50.0	57	113	8.04	20.5	75.1 - 128
cis-1,3-Dichloropropylene	50.0	51	102	7.74	19.9	74.5 - 128
Dibromochloromethane	50.0	50	100	5.67	21.3	79.8 - 134
Dibromomethane	50.0	56	112	8.80	22.4	79 - 130
Dichlorodifluoromethane	50.0	38	76.9	8.40	23.9	47.1 - 101
Ethyl Benzene	50.0	57	114	8.38	19.2	80.8 - 128
Hexachlorobutadiene	50.0	46	92.2	4.57	20.6	64.8 - 128
Isopropylbenzene	50.0	56	112	9.58	20	75.5 - 135
Methyl tert-butyl ether (MTBE)	50.0	43	85.6	8.25	23.6	65.1 - 140
Methylene chloride	50.0	51	102	7.25	20.4	61.3 - 120
Naphthalene	50.0	47	94.1	10.3	27.1	62.3 - 148
n-Butylbenzene	50.0	52	105	10.1	19.1	67.2 - 123
n-Propylbenzene	50.0	54	107	8.03	23.4	70.5 - 127
o-Xylene	50.0	52	104	9.86	19.3	75.9 - 122
p- & m- Xylenes	100	110	111	9.04	18.6	77.7 - 127
p-Isopropyltoluene	50.0	52	104	11.2	19.1	75.6 - 129
sec-Butylbenzene	50.0	53	107	10.3	18.9	71.5 - 125
Styrene	50.0	53	106	10.2	20.9	77.8 - 123
tert-Butylbenzene	50.0	57	113	6.89	20.9	75.9 - 151
Tetrachloroethylene	50.0	56	111	10.0	27.7	63.6 - 167
Toluene	50.0	56	111	8.97	18.7	77 - 123
trans-1,2-Dichloroethylene	50.0	57	114	9.90	19.5	76.3 - 139
trans-1,3-Dichloropropylene	50.0	53	106	6.68	19.3	72.5 - 137

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc. SDG: 12C1032
Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.00 Kingston CVS
Matrix: Water
Batch: BD20156 Laboratory ID: BD20156-BSD1
Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS	
					RPD	REC.
Trichloroethylene	50.0	54	109 ✓	9.34	20.5	77.9 - 130
Trichlorofluoromethane	50.0	54	109 ✓	8.47	21.4	57.4 - 133
Vinyl Chloride	50.0	53	105 ✓	9.52	22.3	54.9 - 124

Form 5A
Volatile Organic Instrument Performance Check
Bromofluorobenzene (BFB)

Lab Name: York Analytical Laboratories, Inc.
Client: Chazen Environmental Services (Poughkeepsie)
Lab File ID: V382918B.D
Instrument ID: VOA No. 3
Calibration: V3C205B.M

SDG: 12C1032
Project: 41103.00 Kingston CVS
BFB Injection Date: 03/27/12
BFB Injection Time: 15:06

m/e	Ion Abundance Criteria	% Relative Abundance
50	10.0-40.0% of mass 95	15.3 ✓
75	30.0-60.0% of mass 95	39.1
95	Base peak, 100% relative abundance	100.0
96	5.0-9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.2 1.2 (75.3) 1
174	50.0-100.0% of mass 95	75.3
175	5.0-10.0% of mass 174	7.3 (75.3) 1
176	90.0-101.0% of mass 174	97.2 (75.3) 1
177	5.0-9.0% of mass 176	6.3 (97.2) 2

1- Value is % mass 174

2-Value is % mass 176

This check applies to the following samples, MS, MSD, blanks and standards

	Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1		5 PPB VOA CALIBRATION STD	V382920C.D	03/27/12	15:52
2		10 PPB VOA CALIBRATION STD	V382922C.D	03/27/12	16:37
3		20 PPB VOA CALIBRATION STD	V382924C.D	03/27/12	17:21
4		50 PPB VOA CALIBRATION STD	V382926C.D	03/27/12	18:06
5		100 PPB VOA CALIBRATION STD	V382928C.D	03/27/12	18:50
6		200 PPB VOA CALIBRATION STD	V382930C.D	03/27/12	19:34
7		50 PPB VOA ICV STD	V382934C.D	03/27/12	21:03 ✓
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

Form 5A
Volatile Organic Instrument Performance Check
Bromofluorobenzene (BFB)

Lab Name: York Analytical Laboratories, Inc.
Client: Chazen Environmental Services (Poughkeepsie)
Lab File ID: V383296C.D
Instrument ID: VOA No. 3
Calibration: V3C205B.M

SDG: 12C1032
Project: 41103.00 Kingston CVS
BFB Injection Date: 04/03/12
BFB Injection Time: 23:37

m/e	Ion Abundance Criteria	% Relative Abundance
50	10.0-40.0% of mass 95	15.1 ✓
75	30.0-60.0% of mass 95	38.0
95	Base peak, 100% relative abundance	100.0
96	5.0-9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	0.2 (74.1) 1
174	50.0-100.0% of mass 95	74.1
175	5.0-10.0% of mass 174	7.3 (74.1) 1
176	90.0-101.0% of mass 174	98.2 (74.1) 1
177	5.0-9.0% of mass 176	6.3 (98.2) 2

1- Value is % mass 174

2- Value is % mass 176

This check applies to the following samples, MS, MSD, blanks and standards

	Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1		BD20120-BS1	V383298L.D	04/04/12	00:21
2		BD20120-BSD1	V383300U.D	04/04/12	01:06
3		BD20120-BLK1	V383302B.D	04/04/12	01:50
4	KC-MW-01 0312	12C1032-01	V383304W.D	04/04/12	02:34
5	KC-MW-02 0312	12C1032-02	V383306W.D	04/04/12	03:19
6	KC-MW-03 0312	12C1032-03	V383308W.D	04/04/12	04:03
7	KC-MW-04 0312	12C1032-04	V383310W.D	04/04/12	04:47
8	KC-MW-05 0312	12C1032-05	V383312W.D	04/04/12	05:31
9	KC-FD-01 0312	12C1032-06	V383314W.D	04/04/12	06:16
10	TRIP BLANK 0312	12C1032-07	V383316W.D	04/04/12	07:00
11		BD20120-MS1	V383322M.D	04/04/12	09:13
12		BD20120-MSD1	V383324D.D	04/04/12	09:57 ✓
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

Form 5A
Volatile Organic Instrument Performance Check
 Bromofluorobenzene (BFB)

Lab Name: York Analytical Laboratories, Inc.
 Client: Chazen Environmental Services (Poughkeepsie)
 Lab File ID: V383328C.D
 Instrument ID: VOA No. 3
 Calibration: V3C205B.M

SDG: 12C1032
 Project: 41103.00 Kingston CVS
 BFB Injection Date: 04/04/12
 BFB Injection Time: 11:30

m/e	Ion Abundance Criteria	% Relative Abundance
50 ¹⁵	10.0-40.0% of mass 95	16.1 ✓
75	30.0-60.0% of mass 95	38.4
95	Base peak, 100% relative abundance	100.0
96	5.0-9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.4 (76.1) 1
174	50.0-100.0% of mass 95	76.1
175 ¹⁸	5.0-10.0% of mass 174	7.2 (76.1) 1
176 ^{9.5}	90.0-101.0% of mass 174	97.3 (76.1) 1
177	5.0-9.0% of mass 176	6.4 (97.3) 2

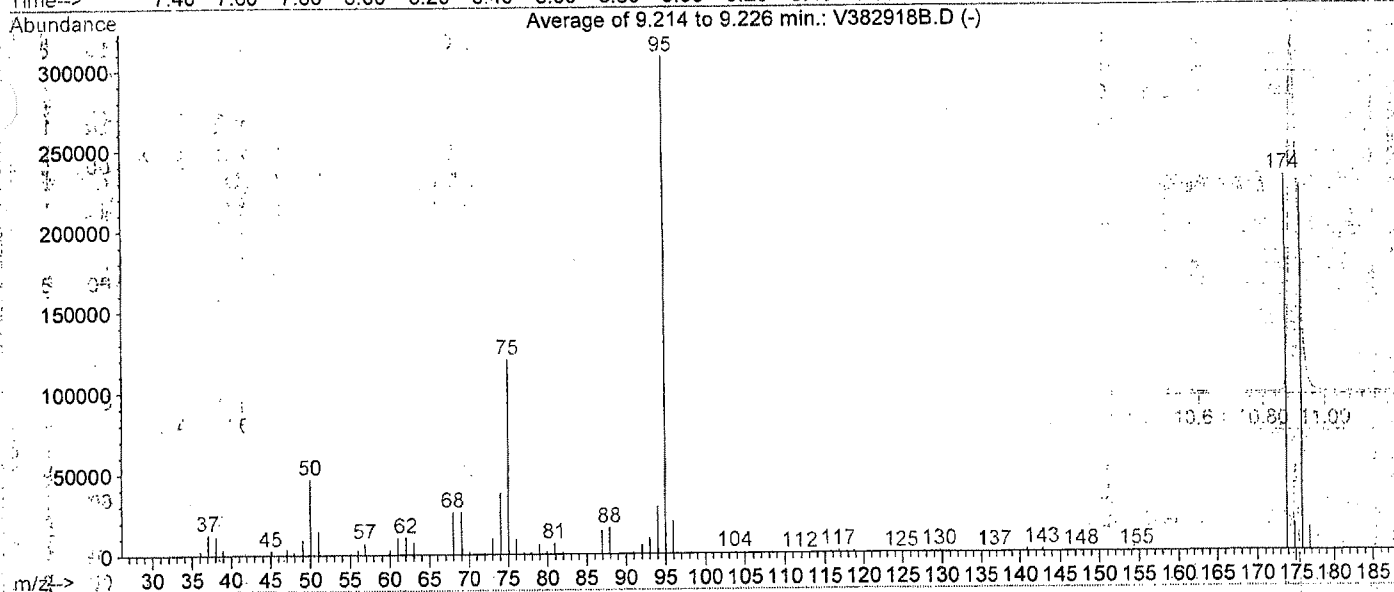
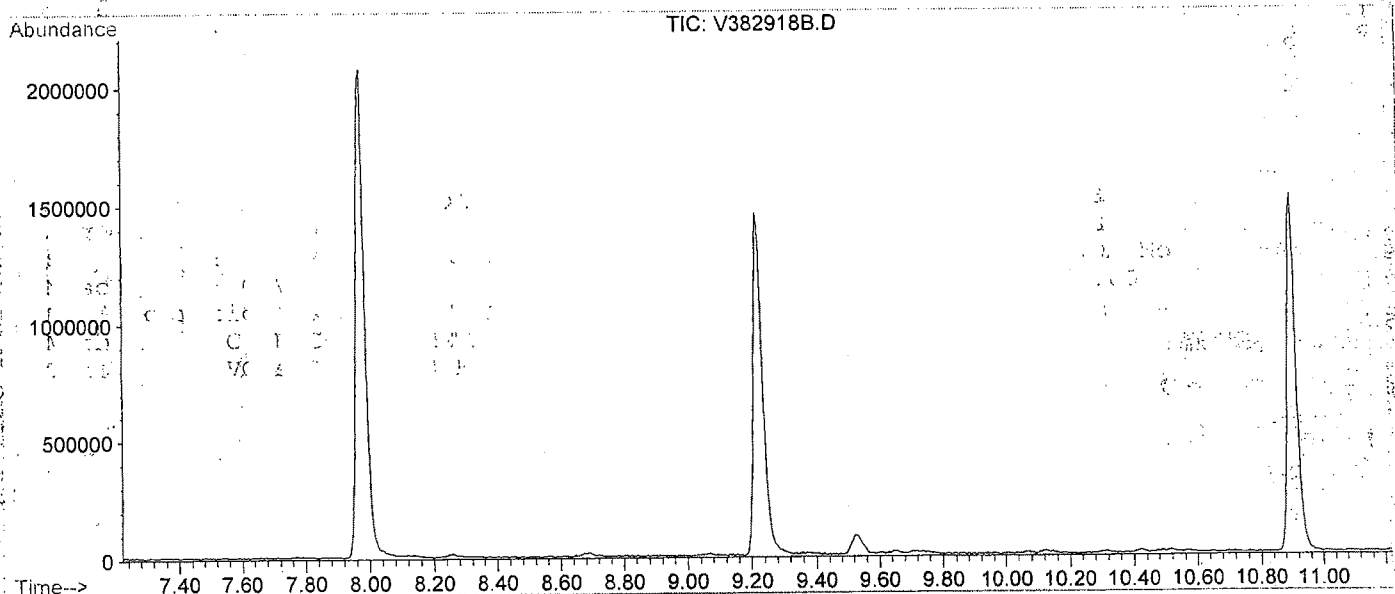
1- Value is % mass 174

2- Value is % mass 176

This check applies to the following samples, MS, MSD, blanks and standards

	Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1		BD20156-BS1	V383330L.D	04/04/12	12:14
2		BD20156-BSD1	V383332U.D	04/04/12	12:59
3		BD20156-BLK1	V383334B.D	04/04/12	13:43
4	KC-MW-01 0312	12C1032-01 (RE 50xDIL)	V383342W.D	04/04/12	16:43
5	KC-FD-01 0312	12C1032-06 (RE 50xDIL)	V383344W.D	04/04/12	17:28 ✓
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

Data File : R:\MSVOA3-1\AILYDAT\V3032712\V382918B.D Vial: 18
 Acq On : 27 Mar 2012 3:06 pm Operator: SS
 Sample : VOA METHOD BLANK STD Inst : VOA No. 3
 Misc : QBV3032712B Multiplr: 1.00
 MS Integration Params: RTEINT1.P
 Method : C:\HPCHEM\1\METHODS\V3C205B.M (RTE Integrator)
 Title : VOCs BY GC/MS EPA SW846-8260

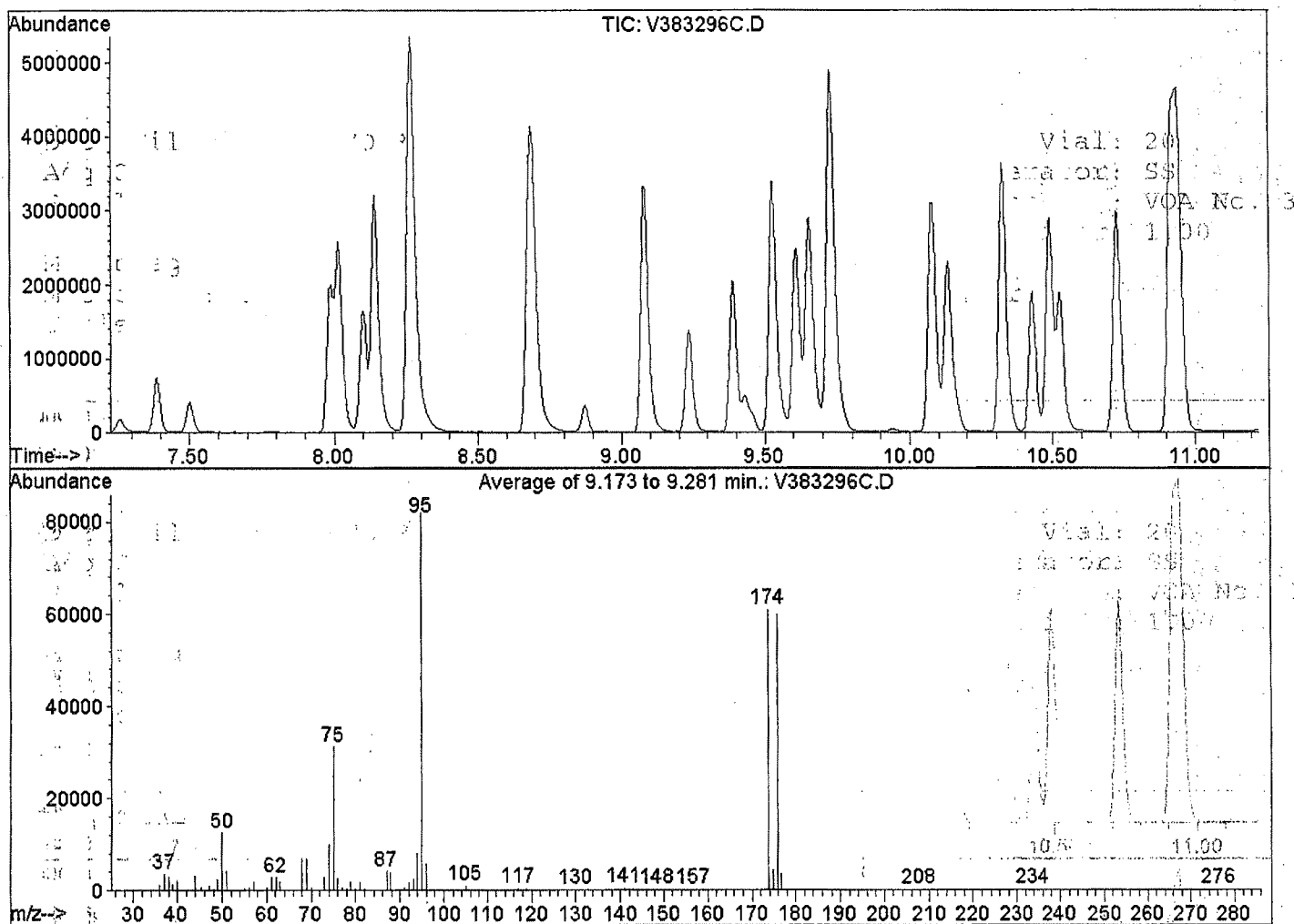


Spectrum Information: Average of 9.214 to 9.226 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	10	40	15.3	47003	PASS
75	95	30	60	39.1	120365	PASS
95	95	100	100	100.0	307883	PASS
96	95	5	9	6.5	20091	PASS
173	174	0.00	2	0.2	425	PASS
174	95	50	100	75.3	231915	PASS
175	174	5	10	7.3	16816	PASS
176	174	90	101	97.2	225429	PASS
177	176	5	9	6.3	14155	PASS

BFB

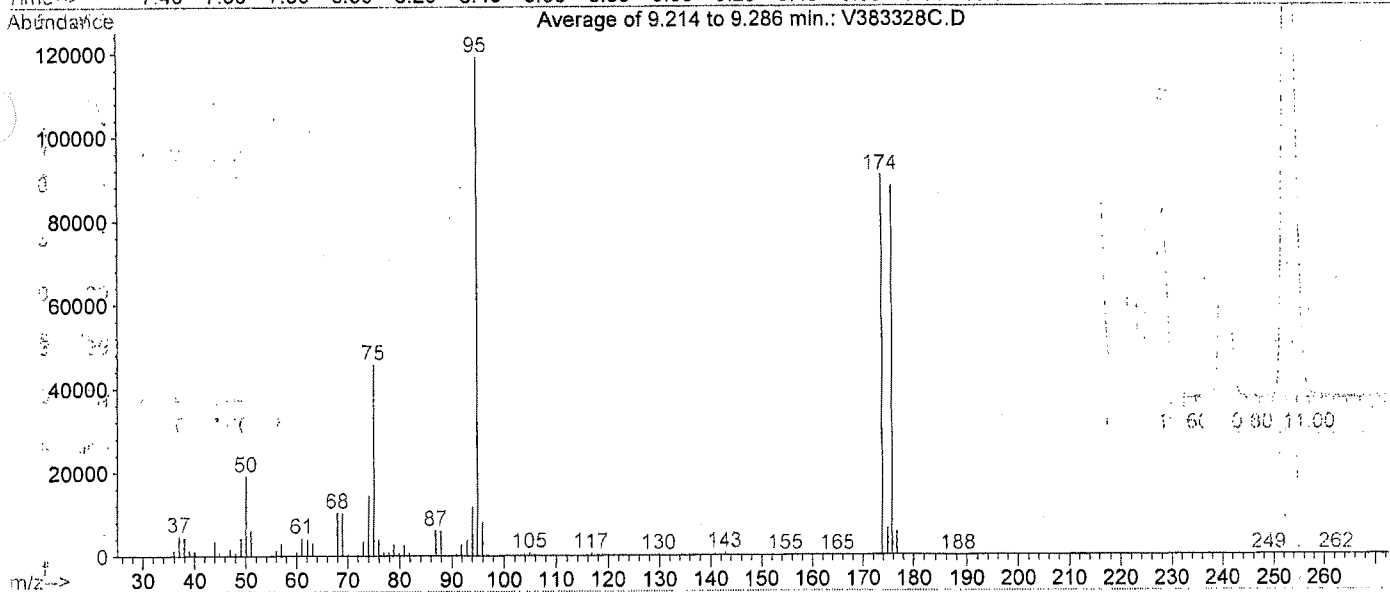
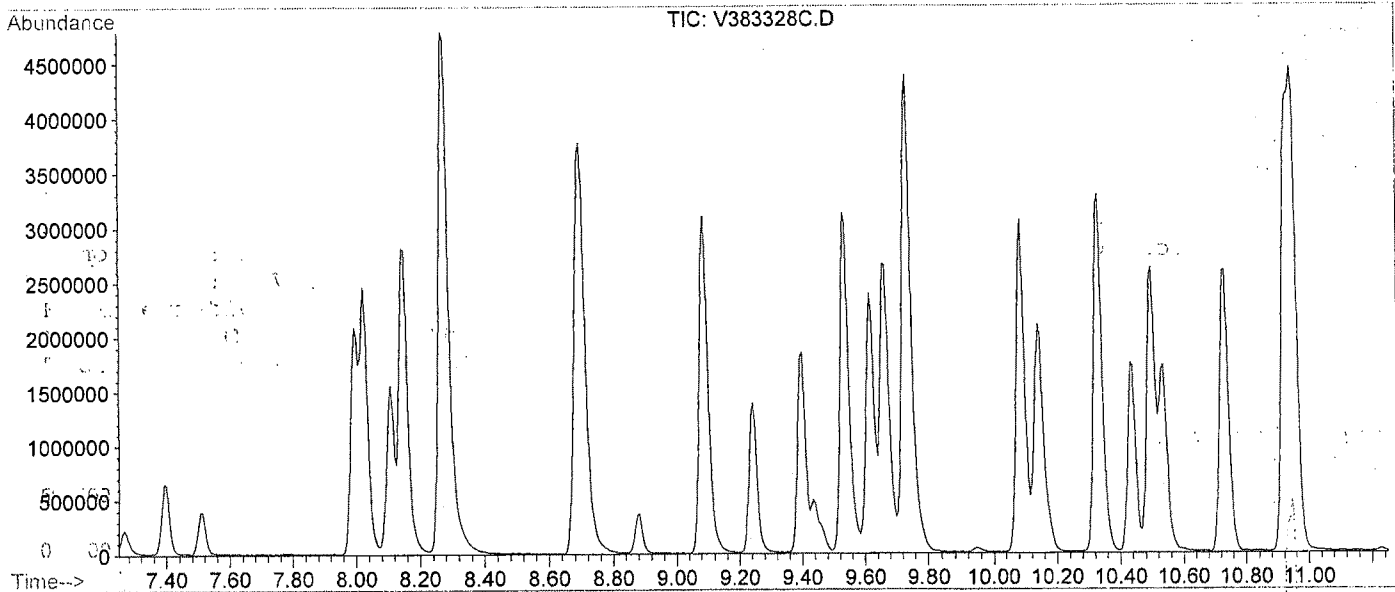
Data File : G:\MSVOA3~1\AILYDAT\V3040312\V383296C.D Vial: 20
Acq On : 3 Apr 2012 11:37 pm Operator: SS
Sample : 50 ppb VOA CAL CHECK STD Inst : VOA No. 3
Misc : QBV3040312B Multiplr: 1.00
MS Integration Params: RTEINT1.P
Method : C:\HPCHEM\1\METHODS\V3C205B.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260



Spectrum Information: Average of 9.173 to 9.281 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	10	40	15.1	12429	PASS
75	95	30	60	38.0	31147	PASS
95	95	100	100	100.0	82042	PASS
96	95	5	9	6.9	5694	PASS
173	174	0.00	2	0.2	109	PASS
174	95	50	100	74.1	60823	PASS
175	174	5	10	7.3	4411	PASS
176	174	90	101	98.2	59728	PASS
177	176	5	9	6.3	3740	PASS

Data File : R:\MSVOA3-1\AILYDAT\V3040412\V383328C.D Vial: 2
 Acq On : 4 Apr 2012 11:30 am Operator: SS
 Sample : 50 ppb VOA CAL CHECK STD Inst : VOA No. 3
 Misc : QBV3040412A Multiplr: 1.00
 MS Integration Params: RTEINT1.P
 Method : C:\HPCHEM\1\METHODS\V3C205B.M (RTE Integrator)
 Title : VOCs BY GC/MS EPA SW846-8260



Spectrum Information: Average of 9.214 to 9.286 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	10	40	16.1	19158	PASS
75	95	30	60	38.4	45722	PASS
95	95	100	100	100.0	119194	PASS
96	95	5	9	6.8	8053	PASS
173	174	0.00	2	0.4	339	PASS
174	95	50	100	76.1	90730	PASS
175	174	5	10	7.2	6557	PASS
176	174	90	101	97.3	88258	PASS
177	176	5	9	6.4	5634	PASS

Form 8A

Volatile Internal Standard Area and RT Summary

Lab Name: York Analytical Laboratories, Inc
 Client: Chazen Environmental Services (Poughkeepsie)
 Sequence: QBV3040312B
 Calibration: V3C205B.M
 Lab File ID: V383296C.D

SDG No: 12C1032
 Project: 41103.00 Kingsto CVS
 Instrument: VOA No. 3
 Date Analyzed: 04/03/12
 Time Analyzed: 23:37

	IS 1 (FBZ)		IS 2 (CBZ)		IS 3 (DCB)	
	Area	RT	Area	RT	Area	RT
12 Hour Std	272828	5.06	1261063	7.99	387870	10.92
Upper Limit	545656	5.56	2522126	8.49	775740	11.42
Lower Limit	136414	4.56	630532	7.49	193935	10.42
Client Sample ID		✓		✓		✓
BD20120-BS1	280858	5.07	1335231	8.00	414291	10.93
BD20120-BSD1	271910	5.06	1313390	7.99	408448	10.91
BD20120-BLK1	286070	5.06	1381242	7.99	432364	10.91
KC-MW-01 0312	264955	5.06	1270284	7.99	425403	10.91
KC-MW-02 0312	270948	5.06	1289538	7.99	420215	10.91
KC-MW-03 0312	287613	5.06	1361848	7.99	437116	10.92
KC-MW-04 0312	280235	5.06	1336038	7.99	419664	10.91
KC-MW-05 0312	306433	5.06	1449420	7.99	461533	10.91
KC-FD-01 0312	269055	5.06	1266850	7.99	422916	10.91
TRIP BLANK 0312	294106	5.06	1373322	7.99	439734	10.91
BD20120-MS1	286551	5.06	1357389	7.99	407464	10.92
BD20120-MSD1	289958	5.06	1410186	7.99	432919	10.92

IS 1 (FBZ) = Fluorobenzene
 IS 2 (CBZ) = Chlorobenzene-d5
 IS 3 (DCB) = 1,2-Dichlorobenzene-d4

Area Upper Limit +100% of internal standard area
 Area Lower Limit -50% of internal standard area
 RT Upper Limit +0.50 minutes of internal standard RT
 RT Lower Limit -0.50 minutes of internal standard RT

* = Values outside of QC limits

Form 8A

SDG No: 12C1032
Project: 41103.00 Kingsto CVS
Instrument: VOA No. 3
Date Analyzed: 04/04/12
Time Analyzed: 11:30

[illegible]

IS 1 (FBZ) = Fluorobenzene
IS 2 (CBZ) = Chlorobenzene-d5
IS 3 (DCB) = 1,2-Dichlorobenzene-d4

Area Upper Limit	+100% of internal standard area
Area Lower Limit	-50% of internal standard area
RT Upper Limit	+0.50 minutes of internal standard RT
RT Upper Limit	-0.50 minutes of internal standard RT

* = Values outside of QC limits

DATA USABILITY SUMMARY REPORT

for

THE CHAZEN COMPANIES

21 Fox Street

Poughkeepsie, NY 12601

KINGSTON CVS SITE
Groundwater Samples
SDG: 1C1032
Sampled 03/27/2012

METALS

KC-MW-1	0312	(12C1032-01)
KC-MW-2	0312	(12C1032-02)
KC-MW-3	0312	(12C1032-03)
KC-MW-4	0312	(12C1032-04)
KC-MW-5	0312	(12C1032-05)
KC-MW-DUP	0312	(12C1032-06)
TRIP BLANK	0312	(12C1032-07)

DATA ASSESSMENT

An inorganics data package containing analytical results for six groundwater samples was received from The Chazen Companies on 16Apr12. The ASP deliverables package included formal reports, raw data, the necessary QC, and supporting information. The samples, taken from the Kingston CVS Site, were identified by Chain of Custody documents and traceable through the work of York Analytical Laboratories, Inc., the laboratory contracted for analysis. Analyses, performed according to SW-846 Methods 6010 and 7470, addressed Priority Pollutant metals. Laboratory data was evaluated according to the quality assurance / quality control requirements of the New York State Department of Environmental Conservation's Analytical Services Protocol, September 1989, Rev. 07/2005. When the required protocol was not followed, the current EPA Region II Functional Guidelines (SOP HW-2, Rev. 13, Sep. 2006, Evaluation of Metals Data for the Contract Laboratory Program) was used as a technical reference.

The thallium, zinc and mercury results from this group of samples, and the nickel result from KC-MW-04 have been qualified as estimations due to unacceptable CRDL performance.

The positive selenium results reported from KC-MW-01, KC-MW-02 and KC-MW-FD have been qualified as estimations due to a high matrix spike recovery.

CORRECTNESS AND USABILITY

Reported data should be considered technically defensible and completely usable in its present form. Data presenting a usable estimation of the conditions being measured has been flagged "UJ" or "J". Estimated data should be used with caution. A detailed discussion of the review process follows.

Two facts should be considered by all data users. No compound concentration, even if it has passed strict QC testing, can be guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error. Secondly, DATAVAL, Inc. guarantees the quality of this data assessment. However, DATAVAL, Inc. does not warrant any interpretation or utilization of this data by a third party.

Reviewer's signature:


James B. Baldwin

Date:

18 Apr 2012

SAMPLE HISTORY

Sample holding times are calculated between the Verified Time of Sample Receipt (VTSR) and the time of analysis. Mercury samples must be analyzed within 26 days of receipt; the remaining metals within 180 days.

This sample delivery group contained six groundwater samples that were collected from the Kingston CVS site on 27Mar12 and were delivered to the laboratory on 29Mar12. The samples arrived intact and properly chilled. A cooler temperature of 4.2°C was recorded at the time of receipt. Proper sample preservation was documented in the field custody record and verified in the laboratory. The samples were digested and analyzed for ICP metals and mercury on 02Apr12. The ASP holding time limitations were satisfied.

It is noted that although the original field custody chain was incomplete, the missing information was provided in an e-mail from The Chazen Companies.

CALIBRATIONS

Calibration curves are constructed, using certified materials, to define the linear range of each analytical instrument. Beyond this range, measurements cannot be made with confidence. The calibration curve is immediately tested by analyzing an initial calibration verification standard (ICV). Continuing verifications (CCV) must bracket each group of up to ten samples. ICV and CCV recoveries must meet established criteria.

Each instrument calibration was immediately verified by the analysis of an ICV standard. Continuing calibration checks were made following each group of 10 samples. The calibration checks associated with this group of samples demonstrated acceptable levels of instrument performance and stability.

CONTRACT REQUIRED DETECTION LIMIT STANDARDS (CRDL)

To verify instrument linearity near CRDL, an ICP standard at a concentration of twice CRDL (CRI) is analyzed at the beginning and end of each analytical sequence. A standard equaling CRDL (CRA) must be included in each atomic adsorption sequence. CRDL standards must produce recoveries between 70% and 130%.

CRDL standards were analyzed as required. The recoveries reported for these standards included an unacceptable results for thallium (152%), zinc (134%), lead (68%), nickel (288%) and

copper (66%). The lead and copper results from this project and the nickel concentration from KC-MW-04 have been qualified as

estimations based on this performance. The thallium, zinc and the remaining nickel results were either negative, or beyond the range requiring qualifications.

It is noted that a CRDL standard was not analyzed for mercury. The negative mercury result from each program sample has been qualified as an estimation due to this omission.

BLANKS

Blanks are analyzed to evaluate various sources of sample contamination. Field blanks monitor sampling activities. Preparation blanks are carried through the digestion process with each group of samples to evaluate general laboratory technique. Calibration blanks are run periodically to verify instrument integrity. Samples are considered compromised by conditions causing contamination in any blank.

An initial blank (ICB) was analyzed following the calibration in each analytical sequence. Additional blanks were analyzed after every ten samples (CCB) and at the end of each sequence. A preparation blank was digested and analyzed with this group of samples. Each laboratory prepared blank was free of targeted analyte contamination.

INTERFERENCE CHECK SAMPLE (ICS)

ICS standards are analyzed at the beginning and end of each ICP analysis sequence to verify background and inter-element correction factors. The recoveries of specified analytes are measured in the presence of interfering concentrations of aluminum, calcium, magnesium and iron.

Interference check standards, ICSEA and ICSEAB, were reported from the beginning and end of each ICP analysis sequence. The ICS performance associated with the analytes targeted by this program satisfied the ASP acceptance criteria.

PREDIGESTION SPIKE

The recovery of spike concentrations added to samples prior to digestion and analysis demonstrates measurement bias caused by sample matrix effects. Predigestion spikes must be recovered within control limits of 75% - 125%.

KC-MW-04 was spiked with the metals targeted by this program. With one exception, the recoveries reported for these additions demonstrated acceptable levels of measurement accuracy. A high recovery of 127% was reported for selenium. The positive selenium results reported from KC-MW-01, KC-MW-02 and KC-MW-FD

have been qualified as estimations based on this indication of bias.

DUPLICATES

Two aliquots of the same sample are processed separately through all aspects of sample preparation and analysis. Results produced by this pair of samples are compared as a measurement of precision. Poor precision may be indicative of sample non-homogeneity, method defects, or poor laboratory technique.

KC-MW-04 was analyzed in duplicate for ICP metals and mercury. This pair of duplicate measurements demonstrated an acceptable level of measurement precision.

LABORATORY CONTROL STANDARD

Laboratory control samples are prepared by adding analytes to clean sand or reagent water. Analyte concentrations are then determined without interferences caused by sample matrix effects.

An aqueous LCS standard was digested and analyzed for mercury and ICP metals with this delivery group. An acceptable recovery was reported for each analyte targeted by this program.

SERIAL DILUTION SAMPLE

Possible matrix effects are verified by the process of serial dilutions. Samples are diluted 1:5 to reduce matrix contributions that might bias measurements. The original sample result, and the corrected concentration of the diluted sample are compared. Sample data is qualified if the original concentrations are not recovered within 10%. Analytes with initial concentrations below 50 times IDL are not considered.

KC-MW-01 was prepared as a serial dilution. Of the metals present in the original volume of this sample, at a concentration exceeding 50 times IDL, none differed from the diluted sample by more than 10%. The ASP criteria was satisfied.

DATA QUALIFICATIONS

Kingston CVS site

Sampled March 2012

		CRDL LEAD	CRDL NICKEL	CRDL COPPER	SPIKES SELENIUM	CRDL MERCURY
• KC-MW-1	0312	(12C1032-01)	0.003J	0.005UJ	0.022J	0.0002UJ
• KC-MW-2	0312	(12C1032-02)	0.006J	0.006J	0.021J	0.0002UJ
• KC-MW-3	0312	(12C1032-03)	0.003UJ	0.005UJ		0.0002UJ
• KC-MW-4	0312	(12C1032-04)	0.005J	0.007J		0.0002UJ
• KC-MW-5	0312	(12C1032-05)	0.003UJ	0.005UJ		0.0002UJ
• KC-MW-DUP	0312	(12C1032-06)	0.003UJ	0.005UJ	0.016J	0.0002UJ

FORM I

INORGANIC ANALYSIS DATA SHEET

KC-MW-01 0312

EPA SW846-6010B

Laboratory: York Analytical Laboratories, Inc.SDG: 12C1032Client: Chazen Environmental Services (Poughkeepsie)Project: 41103.00 Kingston CVSMatrix: WaterLaboratory ID: 12C1032-01File ID: qbi040212b-017Sampled: 03/27/12 18:15Prepared: 04/02/12 16:14Analyzed: 04/02/12 18:49Solids: 0.00Preparation: EPA 3010AInitial/Final: 50 mL / 50 mLBatch: BD20058

Sequence:

Calibration:

Instrument: WinLabICP

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7440-36-0	Antimony	0.005	1	U	EPA SW846-6010B
7440-38-2	Arsenic	0.010	1	U	EPA SW846-6010B
7440-41-7	Beryllium	0.001	1	U	EPA SW846-6010B
7440-43-9	Cadmium	0.047	1		EPA SW846-6010B
7440-47-3	Chromium	0.005	1	U	EPA SW846-6010B
7440-50-8	Copper	0.005	1	U	EPA SW846-6010B
7439-92-1	Lead	0.003	1	J	EPA SW846-6010B
7440-02-0	Nickel	0.749	1		EPA SW846-6010B
7782-49-2	Selenium	0.022	1	J	EPA SW846-6010B
7440-22-4	Silver	0.005	1	U	EPA SW846-6010B
7440-28-0	Thallium	0.010	1	U	EPA SW846-6010B
7440-66-6	Zinc	0.144	1		EPA SW846-6010B

FORM I

INORGANIC ANALYSIS DATA SHEET

KC-MW-01 0312

EPA SW846-7470/EPA 245.1

Laboratory: York Analytical Laboratories, Inc.SDG: 12C1032Client: Chazen Environmental Services (Poughkeepsie)Project: 41103.00 Kingston CVSMatrix: WaterLaboratory ID: 12C1032-01

File ID:

Sampled: 03/27/12 18:15Prepared: 04/03/12 09:36Analyzed: 04/03/12 09:36Solids: 0.00Preparation: EPA SW846-7470Initial/Final: 100 mL / 100 mLBatch: BD20057

Sequence:

Calibration:

Instrument: Inst

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.0002	1	✓	A SW846-7470/EPA 24

MB

FORM I

INORGANIC ANALYSIS DATA SHEET

KC-MW-02 0312

EPA SW846-6010B

Laboratory: York Analytical Laboratories, Inc.SDG: 12C1032Client: Chazen Environmental Services (Poughkeepsie)Project: 41103.00 Kingston CVSMatrix: WaterLaboratory ID: 12C1032-02File ID: qbi040212b-020Sampled: 03/27/12 18:07Prepared: 04/02/12 16:14Analyzed: 04/02/12 19:07Solids: 0.00Preparation: EPA 3010AInitial/Final: 50 mL / 50 mLBatch: BD20058

Sequence:

Calibration:

Instrument: WinLabICP

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7440-36-0	Antimony	0.005	1	U	EPA SW846-6010B
7440-38-2	Arsenic	0.010	1	U	EPA SW846-6010B
7440-41-7	Beryllium	0.001	1	U	EPA SW846-6010B
7440-43-9	Cadmium	0.003	1	U	EPA SW846-6010B
7440-47-3	Chromium	0.005	1	U	EPA SW846-6010B
7440-50-8	Copper	0.006	1	J	EPA SW846-6010B
7439-92-1	Lead	0.006	1	J	EPA SW846-6010B
7440-02-0	Nickel	0.033	1		EPA SW846-6010B
7782-49-2	Selenium	0.021	1	J	EPA SW846-6010B
7440-22-4	Silver	0.005	1	U	EPA SW846-6010B
7440-28-0	Thallium	0.010	1	U	EPA SW846-6010B
7440-66-6	Zinc	0.035	1		EPA SW846-6010B

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FORM I

INORGANIC ANALYSIS DATA SHEET

KC-MW-02 0312

EPA SW846-7470/EPA 245.1

Laboratory: York Analytical Laboratories, Inc.SDG: 12C1032Client: Chazen Environmental Services (Poughkeepsie)Project: 41103.00 Kingston CVSMatrix: WaterLaboratory ID: 12C1032-02

File ID:

Sampled: 03/27/12 18:07Prepared: 4/2/12
04/03/12 09:36Analyzed: 4/2/12
04/03/12 09:36Solids: 0.00Preparation: EPA SW846-7470Initial/Final: 100 mL / 100 mLBatch: BD20057

Sequence:

Calibration:

Instrument: Inst

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.0002	1	UJ	A SW846-7470/EPA 24

FORM I

INORGANIC ANALYSIS DATA SHEET

KC-MW-03 0312

EPA SW846-6010B

Laboratory: York Analytical Laboratories, Inc.SDG: 12C1032Client: Chazen Environmental Services (Poughkeepsie)Project: 41103.00 Kingston CVSMatrix: WaterLaboratory ID: 12C1032-03File ID: qbi040212b-021Sampled: 03/27/12 17:55Prepared: 04/02/12 16:14Analyzed: 04/02/12 19:12Solids: 0.00Preparation: EPA 3010AInitial/Final: 50 mL / 50 mLBatch: BD20058

Sequence:

Calibration:

Instrument: WinLabICP

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7440-36-0	Antimony	0.005	1	U	EPA SW846-6010B
7440-38-2	Arsenic	0.010	1	U	EPA SW846-6010B
7440-41-7	Beryllium	0.001	1	U	EPA SW846-6010B
7440-43-9	Cadmium	0.003	1	U	EPA SW846-6010B
7440-47-3	Chromium	0.005	1	U	EPA SW846-6010B
7440-50-8	Copper	0.005	1	U	EPA SW846-6010B
7439-92-1	Lead	0.003	1	U	EPA SW846-6010B
7440-02-0	Nickel	0.005	1	U	EPA SW846-6010B
7782-49-2	Selenium	0.010	1	U	EPA SW846-6010B
7440-22-4	Silver	0.005	1	U	EPA SW846-6010B
7440-28-0	Thallium	0.010	1	U	EPA SW846-6010B
7440-66-6	Zinc	0.029	1		EPA SW846-6010B

FORM I

INORGANIC ANALYSIS DATA SHEET

KC-MW-03 0312

EPA SW846-7470/EPA 245.1

Laboratory: York Analytical Laboratories, Inc.SDG: 12C1032Client: Chazen Environmental Services (Poughkeepsie)Project: 41103.00 Kingston CVSMatrix: WaterLaboratory ID: 12C1032-03

File ID:

Sampled: 03/27/12 17:55Prepared: 4/2/12
04/03/12 09:36Analyzed: 4/3/12
04/03/12 09:36Solids: 0.00Preparation: EPA SW846-7470Initial/Final: 100 mL / 100 mLBatch: BD20057

Sequence:

Calibration:

Instrument: Inst

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.0002	1	<u>0.3</u>	A SW846-7470/EPA 24

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FORM I

INORGANIC ANALYSIS DATA SHEET

KC-MW-04 0312

EPA SW846-6010B

Laboratory: York Analytical Laboratories, Inc.SDG: 12C1032Client: Chazen Environmental Services (Poughkeepsie)Project: 41103.00 Kingston CVSMatrix: WaterLaboratory ID: 12C1032-04File ID: qbi040212b-022Sampled: 03/27/12 11:55Prepared: 04/02/12 16:14Analyzed: 04/02/12 19:17Solids: 0.00Preparation: EPA 3010AInitial/Final: 50 mL / 50 mLBatch: BD20058

Sequence:

Calibration:

Instrument: WinLabICP

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7440-36-0	Antimony	0.005	1	U	EPA SW846-6010B
7440-38-2	Arsenic	0.021	1		EPA SW846-6010B
7440-41-7	Beryllium	0.001	1	U	EPA SW846-6010B
7440-43-9	Cadmium	0.003	1	U	EPA SW846-6010B
7440-47-3	Chromium	0.005	1	U	EPA SW846-6010B
7440-50-8	Copper	0.007	1	J	EPA SW846-6010B
7439-92-1	Lead	0.005	1	J	EPA SW846-6010B
7440-02-0	Nickel	0.005	1	J	EPA SW846-6010B
7782-49-2	Selenium	0.010	1	U	EPA SW846-6010B
7440-22-4	Silver	0.005	1	U	EPA SW846-6010B
7440-28-0	Thallium	0.010	1	U	EPA SW846-6010B
7440-66-6	Zinc	0.028	1		EPA SW846-6010B

FORM I

INORGANIC ANALYSIS DATA SHEET

KC-MW-04 0312

EPA SW846-7470/EPA 245.1

Laboratory: York Analytical Laboratories, Inc.SDG: 12C1032Client: Chazen Environmental Services (Poughkeepsie)Project: 41103.00 Kingston CVSMatrix: WaterLaboratory ID: 12C1032-04

File ID:

Sampled: 03/27/12 11:55Prepared: 4/23/12 09:36Analyzed: 04/03/12 09:36Solids: 0.00Preparation: EPA SW846-7470Initial/Final: 100 mL / 100 mLBatch: BD20057

Sequence:

Calibration:

Instrument: Inst

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.0002	1	✓	A SW846-7470/EPA 24

7/15

FORM I

INORGANIC ANALYSIS DATA SHEET

KC-MW-05 0312

EPA SW846-6010B

Laboratory: York Analytical Laboratories, Inc.SDG: 12C1032Client: Chazen Environmental Services (Poughkeepsie)Project: 41103.00 Kingston CVSMatrix: WaterLaboratory ID: 12C1032-05File ID: qbi040212b-025Sampled: 03/27/12 17:25Prepared: 04/02/12 16:14Analyzed: 04/02/12 19:34Solids: 0.00Preparation: EPA 3010AInitial/Final: 50 mL / 50 mLBatch: BD20058

Sequence:

Calibration:

Instrument: WinLabICP

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7440-36-0	Antimony	0.005	1	U	EPA SW846-6010B
7440-38-2	Arsenic	0.010	1	U	EPA SW846-6010B
7440-41-7	Beryllium	0.001	1	U	EPA SW846-6010B
7440-43-9	Cadmium	0.003	1	U	EPA SW846-6010B
7440-47-3	Chromium	0.005	1	U	EPA SW846-6010B
7440-50-8	Copper	0.005	1	U	EPA SW846-6010B
7439-92-1	Lead	0.003	1	U	EPA SW846-6010B
7440-02-0	Nickel	0.005	1	U	EPA SW846-6010B
7782-49-2	Selenium	0.010	1	U	EPA SW846-6010B
7440-22-4	Silver	0.005	1	U	EPA SW846-6010B
7440-28-0	Thallium	0.010	1	U	EPA SW846-6010B
7440-66-6	Zinc	0.020	1	U	EPA SW846-6010B

MB

FORM I

INORGANIC ANALYSIS DATA SHEET

KC-MW-05 0312

EPA SW846-7470/EPA 245.1

Laboratory: York Analytical Laboratories, Inc.SDG: 12C1032Client: Chazen Environmental Services (Poughkeepsie)Project: 41103.00 Kingston CVSMatrix: WaterLaboratory ID: 12C1032-05

File ID:

Sampled: 03/27/12 17:25Prepared: 04/03/12 09:36Analyzed: 04/03/12 09:36Solids: 0.00Preparation: EPA SW846-7470Initial/Final: 100 mL / 100 mLBatch: BD20057

Sequence:

Calibration:

Instrument: Inst

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.0002	1	U.S. ✓	A SW846-7470/EPA 24

7/15

FORM I

INORGANIC ANALYSIS DATA SHEET

KC-FD-01 0312

EPA SW846-6010B

Laboratory: York Analytical Laboratories, Inc.SDG: 12C1032Client: Chazen Environmental Services (Poughkeepsie)Project: 41103.00 Kingston CVSMatrix: WaterLaboratory ID: 12C1032-06File ID: qbi040212b-026Sampled: 03/27/12 15:00Prepared: 04/02/12 16:14Analyzed: 04/02/12 19:39Solids: 0.00Preparation: EPA 3010AInitial/Final: 50 mL / 50 mLBatch: BD20058

Sequence:

Calibration:

Instrument: WinLabICP

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7440-36-0	Antimony	0.005	1	U	EPA SW846-6010B
7440-38-2	Arsenic	0.010	1	U	EPA SW846-6010B
7440-41-7	Beryllium	0.001	1	U	EPA SW846-6010B
7440-43-9	Cadmium	0.042	1		EPA SW846-6010B
7440-47-3	Chromium	0.005	1	U	EPA SW846-6010B
7440-50-8	Copper	0.005	1	U J	EPA SW846-6010B
7439-92-1	Lead	0.003	1	U J	EPA SW846-6010B
7440-02-0	Nickel	0.748	1		EPA SW846-6010B
7782-49-2	Selenium	0.016	1	J	EPA SW846-6010B
7440-22-4	Silver	0.005	1	U	EPA SW846-6010B
7440-28-0	Thallium	0.010	1	U	EPA SW846-6010B
7440-66-6	Zinc	0.139	1		EPA SW846-6010B

FORM I

INORGANIC ANALYSIS DATA SHEET

KC-FD-01 0312

EPA SW846-7470/EPA 245.1

Laboratory: York Analytical Laboratories, Inc.SDG: 12C1032Client: Chazen Environmental Services (Poughkeepsie)Project: 41103.00 Kingston CVSMatrix: WaterLaboratory ID: 12C1032-06

File ID:

Sampled: 03/27/12 15:00Prepared: 04/03/12 09:36Analyzed: 04/03/12 09:36Solids: 0.00Preparation: EPA SW846-7470Initial/Final: 100 mL / 100 mLBatch: BD20057

Sequence:

Calibration:

Instrument: Inst

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.0002	1	<u>✓</u>	A SW846-7470/EPA 24

Form 2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: York Analytical Laboratories, Inc.

SDG: 12C1032

Client: Chazen Environmental Services
(Poughkeepsie)

Project: 41103.00 Kingston CVS

Initial Calibration Source: Inorganic Ventures

Sequence: QBI040212B

Continuing Calibration Source: Inorganic Ventures

Concentration units: ug/L

Analyte*	Initial Calibration Verification			CCV-1			CCV-2	
	TRUE	FOUND	%R(1)	TRUE	FOUND	% R(1)	FOUND	% R(1)
Arsenic	250.0	257.3	103	250.0	251.9	101	257.2	103
Thallium	250.0	261.7	105	250.0	260.4	104	265.8	106
Selenium	250.0	264.7	106	250.0	261.3	105	265.5	106
Zinc	2500	2516	101	2500	2503	100	2511	100
Antimony	250.0	264.2	106	250.0	260.9	104	261.3	105
Lead	250.0	262.9	105	250.0	263	105	264.9	106
Cadmium	125.0	129.4	104	125.0	128.2	103	128.9	103
Nickel	2500	2417	97	2500	2396	96	2401	96
Chromium	1000	974.5	97	1000	966.2	97	970.8	97
Beryllium	250.0	242.9	97	250.0	242.4	97	245	98
Copper	1250	1189	95	1250	1182	95	1181	94
Silver	1250	1184	95	1250	1170	94	1171	94

* = Axial analysis unless otherwise noted

(1) Control Limits: 90-110 %

Form 2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: York Analytical Laboratories, Inc.

SDG: 12C1032

Client: Chazen Environmental Services
(Poughkeepsie)

Project: 41103.00 Kingston CVS

Initial Calibration Source: Inorganic Ventures

Sequence: QBI040212B

Continuing Calibration Source: Inorganic Ventures

Concentration units: ug/L

Analyte*	Initial Calibration Verification			CCV-3			CCV-10	
	TRUE	FOUND	%R(1)	TRUE	FOUND	% R(1)	FOUND	% R(1)
Arsenic	250.0	257.3	103	250.0	254.7	102	272.9	109
Thallium	250.0	261.7	105	250.0	263.5	105	272.3	109
Selenium	250.0	264.7	106	250.0	263.1	105	272.7	109
Zinc	2500	2516	101	2500	2505	100	2627	105
Antimony	250.0	264.2	106	250.0	261.1	104	265.9	106
Lead	250.0	262.9	105	250.0	264.3	106	274.0	110
Cadmium	125.0	129.4	104	125.0	129.1	103	135.9	109
Nickel	2500	2417	97	2500	2403	96	2483	99
Chromium	1000	974.5	97	1000	969.7	97	993.9	99
Beryllium	250.0	242.9	97	250.0	243.2	97	249.8	100
Copper	1250	1189	95	1250	1179	94	1184	95
Silver	1250	1184	95	1250	1167	93	1172	94

* = Axial analysis unless otherwise noted

(1) Control Limits: 90-110 %

Form 2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: York Analytical Laboratories, Inc.

SDG: 12C1032

Client: Chazen Environmental Services
(Poughkeepsie)

Project: 41103.00 Kingston CVS

Initial Calibration Source: Inorganic Ventures

Sequence: QBI040212B

Continuing Calibration Source: Inorganic Ventures

Concentration units: ug/L

Analyte*	Initial Calibration Verification			CCV-11					
	TRUE	FOUND	%R(1)	TRUE	FOUND	% R(1)			
Arsenic	250.0	257.3	103 ✓	250.0	270.4	108 ✓			
Thallium	250.0	261.7	105	250.0	268.5	107			
Selenium	250.0	264.7	106	250.0	272.3	109			
Zinc	2500	2516	101	2500	2618	105			
Antimony	250.0	264.2	106	250.0	266	106			
Lead	250.0	262.9	105	250.0	272.7	109			
Cadmium	125.0	129.4	104	125.0	135.4	108			
Nickel	2500	2417	97	2500	2465	99			
Chromium	1000	974.5	97	1000	986.5	99			
Beryllium	250.0	242.9	97	250.0	249.2	100			
Copper	1250	1189	95	1250	1173	94			
Silver	1250	1184	95	1250	1164	93			

* = Axial analysis unless otherwise noted

(1) Control Limits: 90-110 %

FORM 2B
RL STANDARDS

Lab Name: York Analytical Laboratories, Inc.

SDG: 12C1032

Client: Chazen Environmental
Services (Poughkeepsie)

Project: 41103.00 Kingston CVS

ICP Standard Source: Inorganic Ventures

Concentration Units: ug/L

Sequence ID: QBI040212B

Analyte*	Initial			Final		
	TRUE	FOUND	%R	TRUE	FOUND	% R
Arsenic	10.0	12.7	127	10.0	13.0	130
Thallium	10.0	14.1	141	10.0	15.2	152
Selenium	10.0	7.6	76	10.0	10.9	109
Zinc	5.0	6.2	124	5.0	6.7	134
Antimony	10.0	8.8	88	10.0	7.0	70
Lead	5.0	3.2	64	5.0	3.4	68
Cadmium	5.0	5.6	112	5.0	5.9	118
Nickel	5.0	12.8	256	5.0	14.4	288
Chromium	5.0	5.1	102	5.0	5.1	102
Beryllium	5.0	5.0	100	5.0	4.9	98
Copper	5.0	4.1	82	5.0	3.3	66
Silver	5.0	5.0	100	5.0	4.7	94

* = Axial analysis unless otherwise noted

**Form 3
BLANKS**

Lab Name: York Analytical Laboratories, Inc.

SDG: 12C1032

Client: Chazen Environmental Services
(Poughkeepsie)

Project: 41103.00 Kingston
CVS

Preparation Blank Matrix: Aqueous

Prep. Blank ID: BD20058-BLK1

Preparation Blank Concentration Units: ug/l

Sequence ID: QBI040212B

	Analyte*	Initial Calibration Blank-ug/L		Continuing Calibration Blanks (ug/L)						Preparation Blank	
		Result	C	1	C	2	C	3	C	Result	C
10	Arsenic	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U
10	Thallium	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U
10	Selenium	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U
20	Zinc	20.0	U	20.0	U	20.0	U	20.0	U	20.0	U
5	Antimony	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
3	Lead	3.0	U	3.0	U	3.0	U	3.0	U	3.0	U
3	Cadmium	3.0	U	3.0	U	3.0	U	3.0	U	3.0	U
5	Nickel	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
5	Chromium	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1	Beryllium	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
5	Copper	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
5	Silver	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U

* = Axial analysis unless otherwise noted

Form 3
BLANKS

Lab Name: York Analytical Laboratories, Inc.

SDG: 12C1032

Client: Chazen Environmental Services
(Poughkeepsie)

Project: 41103.00 Kingston
CVS

Preparation Blank Matrix: NA

Prep. Blank ID: NA

Preparation Blank Concentration: NA

Sequence ID: QBI040212B

	Analyte*	Initial Calibration Blank-ug/L		Continuing Calibration Blanks (ug/L)						Preparation Blank	
		Result	C	10	C	11	C			Result	C
10	Arsenic	10.0	U	10.0	U	10.0	U			10.0	U
10	Thallium	10.0	U	10.0	U	10.0	U			10.0	U
10	Selenium	10.0	U	10.0	U	10.0	U			10.0	U
20	Zinc	20.0	U	20.0	U	20.0	U			20.0	U
5	Antimony	5.0	U	5.0	U	5.0	U			5.0	U
3	Lead	3.0	U	3.0	U	3.0	U			3.0	U
3	Cadmium	3.0	U	3.0	U	3.0	U			3.0	U
5	Nickel	5.0	U	5.0	U	5.0	U			5.0	U
5	Chromium	5.0	U	5.0	U	5.0	U			5.0	U
1	Beryllium	1.0	U	1.0	U	1.0	U			1.0	U
5	Copper	5.0	U	5.0	U	5.0	U			5.0	U
5	Silver	5.0	U	5.0	U	5.0	U			5.0	U

* = Axial analysis unless otherwise noted

FORM IV

PREPARATION BATCH SUMMARY

EPA SW846-6010B

Laboratory: York Analytical Laboratories, Inc.SDG: 12C1032Client: Chazen Environmental Services (Poughkeepsie)Project: 41103.00 Kingston CVSBatch: BD20058Batch Matrix: WaterPreparation: EPA 3010A

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
KC-MW-01 0312	12C1032-01	qbi040212b-017	04/02/12 16:14	
KC-MW-02 0312	12C1032-02	qbi040212b-020	04/02/12 16:14	
KC-MW-03 0312	12C1032-03	qbi040212b-021	04/02/12 16:14	
KC-MW-04 0312	12C1032-04	qbi040212b-022	04/02/12 16:14	
KC-MW-05 0312	12C1032-05	qbi040212b-025	04/02/12 16:14	
KC-FD-01 0312	12C1032-06	qbi040212b-026	04/02/12 16:14	
Blank	BD20058-BLK1	qbi040212b-008	04/02/12 16:14	
KC-MW-04 0312	BD20058-DUP1	qbi040212b-023	04/02/12 16:14	
KC-MW-04 0312	BD20058-MS1	qbi040212b-024	04/02/12 16:14	
Reference	BD20058-SRM1	qbi040212b-009	04/02/12 16:14	

FORM 4
ICP INTERFERENCE CHECK SAMPLE

Lab Name: York Analytical Laboratories Inc.

SDG: 12C1032

Client: Chazen Environmental Services
(Poughkeepsie)

Project: 41103.00 Kingston CVS

ICS Source: Inorganic Ventures

Sequence: QBI040212B

ICP ID No.: PE Optima 7300 DV

Concentration Units: ug/L

Analyte*	TRUE		Initial Found			Final Found		
	Sol. A	Sol. B	Sol. A	Sol. AB	% R	Sol. A	Sol. AB	% R
Arsenic		500		543.8	109		563.6	113 ✓
Thallium		500		473.3	95		483.4	97
Selenium		500		503.1	101		548.6	110
Zinc		1000		904.9	90		950.0	95
Antimony		500		532.4	106		535.1	107
Lead		1000		915.8	92		939.3	94
Cadmium		1000		921.9	92		974.8	97
Nickel		1000		1064	106		1094	109
Chromium		500		466.0	93		476.0	95
Beryllium		500		489.1	98		502.8	101
Copper		500		515.7	103		515.4	103
Silver		1000		1070	107		1072	107

* = Axial analysis unless otherwise noted

FORM V

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA SW846-6010B

Laboratory: York Analytical Laboratories, Inc.SDG: 12C1032Client: Chazen Environmental Services (Poughkeepsie)Project: 41103.00 Kingston CVS

Sequence:

Instrument:

Calibration:

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
Blank	BD20058-BLK1	qbi040212b-008	04/02/12 18:03
Reference	BD20058-SRM1	qbi040212b-009	04/02/12 18:08
KC-MW-01 0312	12C1032-01	qbi040212b-017	04/02/12 18:49
KC-MW-02 0312	12C1032-02	qbi040212b-020	04/02/12 19:07
KC-MW-03 0312	12C1032-03	qbi040212b-021	04/02/12 19:12
KC-MW-04 0312	12C1032-04	qbi040212b-022	04/02/12 19:17
KC-MW-04 0312	BD20058-DUP1	qbi040212b-023	04/02/12 19:22
KC-MW-04 0312	BD20058-MS1	qbi040212b-024	04/02/12 19:27
KC-MW-05 0312	12C1032-05	qbi040212b-025	04/02/12 19:34
KC-FD-01 0312	12C1032-06	qbi040212b-026	04/02/12 19:39

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA SW846-6010B

KC-MW-04 0312

Laboratory: York Analytical Laboratories, Inc.

SDG: 12C1032

Client: Chazen Environmental Services (Poughkeepsie)

Project: 41103.00 Kingston CVS

Matrix: Water

Batch: BD20058

Laboratory ID: BD20058-MS1

Preparation: EPA 3010A

Initial/Final: 50 mL / 50 mL

Source Sample Name: KC-MW-04 0312

COMPOUND	SPIKE ADDED (mg/L)	SAMPLE CONCENTRATION (mg/L)	MS CONCENTRATION (mg/L)	MS % REC. #	QC LIMITS REC.
Antimony	0.250	ND	0.286	114	75 - 125
Arsenic	2.00	0.021	2.45	122	75 - 125
Beryllium	0.0500	ND	0.053	107	75 - 125
Cadmium	0.0500	ND	0.055	111	75 - 125
Chromium	0.200	0.001	0.210	105	75 - 125
Copper	0.250	0.007	0.279	109	75 - 125
Lead	0.500	0.005	0.531	105	75 - 125
Nickel	0.500	0.005	0.574	114	75 - 125
Selenium	2.00	0.007	2.54	127 *	75 - 125
Silver	0.0500	ND	0.048	96.1	75 - 125
Thallium	2.00	ND	2.03	102	75 - 125
Zinc	0.500	0.028	0.607	116	75 - 125

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

DUPLICATES

EPA SW846-6010B

KC-MW-04 0312

Laboratory: York Analytical Laboratories, Inc.

SDG: 12C1032

Client: Chazen Environmental Services (Poughkeepsie)

Project: 41103.00 Kingston CVS

Matrix: Water

Laboratory ID: BD20058-DUP1

Batch: BD20058

Lab Source ID: 12C1032-04

Preparation: EPA 3010A

Initial/Final: 50 mL / 50 mL

Source Sample Name: KC-MW-04 0312

% Solids:

ANALYTE	CONTROL LIMIT	SAMPLE CONCENTRATION (mg/L)	C	DUPLICATE CONCENTRATION (mg/L)	C	RPD %	Q	METHOD
Antimony	20	ND		ND				EPA SW846-6010B
Arsenic	20	0.021		0.020		5.19		EPA SW846-6010B
Beryllium	20	ND		ND				EPA SW846-6010B
Cadmium	20	ND		ND				EPA SW846-6010B
Chromium	20	0.001		ND				EPA SW846-6010B
Copper	20	0.007		0.007		2.77		EPA SW846-6010B
Lead	20	0.005		0.006		19.9		EPA SW846-6010B
Nickel	20	0.005		0.006		19.7		EPA SW846-6010B
Selenium	20	0.007		ND				EPA SW846-6010B
Silver	20	ND		ND				EPA SW846-6010B
Thallium	20	ND		ND				EPA SW846-6010B
Zinc	20	0.028		0.029		1.04		EPA SW846-6010B

* Values outside of QC limits

STANDARD REFERENCE MATERIAL RECOVERY

EPA SW846-6010B

Laboratory: York Analytical Laboratories, Inc.

SDG: 12C1032

Client: Chazen Environmental Services (Poughkeepsie)

Project: 41103.00 Northeast Retail

Matrix: Water

Batch: BD20058

Laboratory ID: BD20058-SRM1

Preparation: EPA 3010A

Initial/Final: 50 mL / 50 mL

ANALYTE	TRUE (mg/L)	FOUND (mg/L)	SRM % REC.	QC LIMITS REC.
Antimony	0.445	0.465	104	69.4 - 121
Arsenic	0.528	0.525	99.5	83.7 - 117
Beryllium	0.790	0.794	101	85.1 - 113
Cadmium	0.554	0.581	105	85.4 - 114
Chromium	0.751	0.782	104	87.2 - 113
Copper	0.287	0.304	106	89.9 - 110
Lead	0.821	0.874	106	87.6 - 112
Nickel	0.836	0.905	108	90 - 112
Selenium	0.770	0.772	100	79.4 - 116
Silver	0.121	0.118	97.1	85.1 - 115
Thallium	0.747	0.824	110	82.2 - 119
Zinc	0.403	0.421	104	85.6 - 116

* Values outside of QC limits

FORM 9A
ICP SERIAL DILUTIONS

Lab Name: York Analytical Laboratories, Inc.

Client Sample ID: KC-MW-01 0312

Client: Chazen Environmental Services (Poughkeepsie)

SDG: 12C1032

Matrix: Aqueous

Project: 41103.00 Kingston CVS

ICP ID No.: PE Optima PE Optima 7300 DV

Sequence ID: QBI040212B

Laboratory ID: 12C1032-01

Analyte*	Initial Sample		Serial Dilution		% Difference ✓	Q	M
	Result (I)**	C	Result (S)	C			
Arsenic		U		U			P
Thallium		U		U			P
Selenium		U		U			P
Zinc	144		155		7.6		P
Antimony		U		U			P
Lead		U		U			P
Cadmium		U		U			P
Nickel	748.6		781.5		4.4		P
Chromium		U		U			P
Beryllium		U		U			P
Copper		U		U			P
Silver		U		U			P

* = Axial analysis unless otherwise noted

** = reported when result is 50 times IDL

= Values outside of QC limits

Form 2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION (Hg)

Lab Name: York Analytical Laboratories, Inc.

SDG: 12C1032

Client: Chazen Environmental Services
(Poughkeepsie)

Project: 41103.00 Kingston CVS

I Cal Source: Inorganic Ventures

Sequence: 4/2/2012

C Cal Source: Inorganic Ventures

Concentration units: ug/L

Analyte	Initial Calibration			TRUE	CCV-7		TRUE	CCV-8	
	TRUE	FOUND	%R(1)		FOUND	% R(1)		FOUND	% R(1)
Mercury	3.00	2.73	91	3.00	2.82	94	3.12	104	

(1) Control Limits Hg 80-120 %

Form 2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION (Hg)

Lab Name: York Analytical Laboratories, Inc.

SDG: 12C1032

Client: Chazen Environmental Services
(Poughkeepsie)

Project: 41103.00 Kingston CVS

I Cal Source: Inorganic Ventures

Sequence: 4/2/2012

C Cal Source: Inorganic Ventures

Concentration units: ug/L

Analyte	Initial Calibration ✓			TRUE	CCV-9 ✓				
	TRUE	FOUND	%R(1)		FOUND	% R(1)			
Mercury	3.00	2.73	91	3.00	2.68	89			

(1) Control Limits Hg 80-120 %

**Form 3
BLANKS**

Lab Name: York Analytical Laboratories, Inc

SDG: 12C1032

Client: Chazen Environmental Services
(Poughkeepsie)

Project: 41103.00 Kingston CVS

Preparation Blank Matrix: Aqueous

Prep Blank ID: BD20057-BLK1

Prep. Blank Conc. Units: ug/l

Sequence ID: 4/2/2012

Analyte	Initial Calibration Blank-ug/L		Continuing Calibration Blanks (ug/L)						Preparation Blank		M
	Result	C	7	C	8	C	9		Result	C	
Mercury	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	CV

FORM IV**PREPARATION BATCH SUMMARY****EPA SW846-7470/EPA 245.1**Laboratory: York Analytical Laboratories, Inc.SDG: 12C1032Client: Chazen Environmental Services (Poughkeepsie)Project: 41103.00 Kingston CVSBatch: BD20057Batch Matrix: WaterPreparation: EPA SW846-7470

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
KC-MW-01 0312	12C1032-01		04/03/12 09:36	
KC-MW-02 0312	12C1032-02		04/03/12 09:36	
KC-MW-03 0312	12C1032-03		04/03/12 09:36	
KC-MW-04 0312	12C1032-04		04/03/12 09:36	
KC-MW-05 0312	12C1032-05		04/03/12 09:36	
KC-FD-01 0312	12C1032-06		04/03/12 09:36	
Blank	BD20057-BLK1		04/03/12 09:36	
LCS	BD20057-BS1		04/03/12 09:36	
KC-MW-04 0312	BD20057-DUP1		04/03/12 09:36	
KC-MW-04 0312	BD20057-MS1		04/03/12 09:36	

FORM V

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA SW846-7470/EPA 245.1

Laboratory: York Analytical Laboratories, Inc.SDG: 12C1032Client: Chazen Environmental Services (Poughkeepsie)Project: 41103.00 Kingston CVS

Sequence:

Instrument:

Calibration:

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
KC-MW-04 0312	BD20057-MS1		04/03/12 09:36
LCS	BD20057-BS1		04/03/12 09:36
KC-MW-05 0312	12C1032-05		04/03/12 09:36
KC-MW-04 0312	12C1032-04		04/03/12 09:36
KC-MW-03 0312	12C1032-03		04/03/12 09:36
KC-MW-02 0312	12C1032-02		04/03/12 09:36
KC-MW-01 0312	12C1032-01		04/03/12 09:36
KC-FD-01 0312	12C1032-06		04/03/12 09:36
KC-MW-04 0312	BD20057-DUP1		04/03/12 09:36
Blank	BD20057-BLK1		04/03/12 09:36

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA SW846-7470/EPA 245.1

KC-MW-04 0312

Laboratory: York Analytical Laboratories, Inc. SDG: 12C1032
 Client: Chazen Environmental Services (Poughkeepsie) Project: 41103.00 Kingston CVS
 Matrix: Water
 Batch: BD20057 Laboratory ID: BD20057-MS1
 Preparation: EPA SW846-7470 Initial/Final: 100 mL / 100 mL
 Source Sample Name: KC-MW-04 0312

COMPOUND	SPIKE ADDED (mg/L)	SAMPLE CONCENTRATION (mg/L)	MS CONCENTRATION (mg/L)	MS % REC. #	QC LIMITS REC.
Mercury	0.00300	ND	0.0028	94.1	75 - 125

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

DUPLICATES

EPA SW846-7470/EPA 245.1

KC-MW-04 0312

Laboratory: York Analytical Laboratories, Inc.

SDG: 12C1032

Client: Chazen Environmental Services (Poughkeepsie)

Project: 41103.00 Kingston CVS

Matrix: Water

Laboratory ID: BD20057-DUP1

Batch: BD20057

Lab Source ID: 12C1032-04

Preparation: EPA SW846-7470

Initial/Final: 100 mL / 100 mL

Source Sample Name: KC-MW-04 0312

% Solids:

ANALYTE	CONTROL LIMIT	SAMPLE CONCENTRATION (mg/L)	C	DUPLICATE CONCENTRATION (mg/L)	C	RPD %	Q	METHOD
Mercury	20	ND		ND		✓		SW846-7470/EPA 245.1

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA SW846-7470/EPA 245.1

Laboratory: York Analytical Laboratories, Inc.SDG: 12C1032Client: Chazen Environmental Services (Poughkeepsie)Project: 41103.00 Kingston CVSMatrix: WaterBatch: BD20057Laboratory ID: BD20057-BS1Preparation: EPA SW846-7470Initial/Final: 100 mL / 100 mL

COMPOUND	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC. #	QC LIMITS REC.
Mercury	0.00300	0.002723	90.8	80 - 120

DATAVAL, INC.

Environmental Data Validation

JAMES B. BALDWIN, JR.

Phone/Fax (607) 642-5460

518 Hooper Road, PMB 283

Endwell, NY 13760

Technical Report

prepared for:

Chazen Environmental Services (Poughkeepsie)

21 Fox Street

Poughkeepsie NY, 12601

Attention: Eric Orlowski

Report Date: 03/30/2012

Client Project ID: 41103.00 Kingston CVS

York Project (SDG) No.: 12C1028

CT License No. PH-0723

New Jersey License No. CT-005



New York License No. 10854

PA License No. 68-04440

Report Date: 03/30/2012
Client Project ID: 41103.00 Kingston CVS
York Project (SDG) No.: 12C1028

Chazen Environmental Services (Poughkeepsie)

21 Fox Street
Poughkeepsie NY, 12601
Attention: Eric Orlowski

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 March 29, 2012 and listed below. The project was identified as your project: **41103.00 Kingston CVS**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
12C1028-01	KC-IAQ-001	Indoor Ambient Air	03/27/2012	03/29/2012

General Notes for York Project (SDG) No.: 12C1028

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:



Robert Q. Bradley
Executive Vice President / Laboratory Director

Date: 03/30/2012

YORK

Sample Information

Client Sample ID: KC-IAQ-001

York Sample ID: 12C1028-01

York Project (SDG) No.

12C1028

Client Project ID

41103.00 Kingston CVS

Matrix

Indoor Ambient Air

Collection Date/Time

March 27, 2012 10:26 am

Date Received

03/29/2012

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

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/m ³	0.067	0.37	0.66666	EPA TO-15	03/29/2012 09:00	03/30/2012 11:15	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	0.11	0.47	0.66666	EPA TO-15	03/29/2012 09:00	03/30/2012 11:15	TD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.2		ug/m ³	0.036	0.52	0.66666	EPA TO-15	03/29/2012 09:00	03/30/2012 11:15	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.092	0.37	0.66666	EPA TO-15	03/29/2012 09:00	03/30/2012 11:15	TD
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.033	0.27	0.66666	EPA TO-15	03/29/2012 09:00	03/30/2012 11:15	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.040	0.27	0.66666	EPA TO-15	03/29/2012 09:00	03/30/2012 11:15	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	0.11	0.50	0.66666	EPA TO-15	03/29/2012 09:00	03/30/2012 11:15	TD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	0.040	1.7	0.66666	EPA TO-15	03/29/2012 09:00	03/30/2012 11:15	TD
106-93-4	1,2-Dibromoethane	ND		ug/m ³	0.52	0.52	0.66666	EPA TO-15	03/29/2012 09:00	03/30/2012 11:15	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.10	0.41	0.66666	EPA TO-15	03/29/2012 09:00	03/30/2012 11:15	TD
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.066	0.27	0.66666	EPA TO-15	03/29/2012 09:00	03/30/2012 11:15	TD
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.069	0.31	0.66666	EPA TO-15	03/29/2012 09:00	03/30/2012 11:15	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.081	0.47	0.66666	EPA TO-15	03/29/2012 09:00	03/30/2012 11:15	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	0.043	0.67	0.66666	EPA TO-15	03/29/2012 09:00	03/30/2012 11:15	TD
106-99-0	1,3-Butadiene	ND		ug/m ³	0.044	0.29	0.66666	EPA TO-15	03/29/2012 09:00	03/30/2012 11:15	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.073	0.41	0.66666	EPA TO-15	03/29/2012 09:00	03/30/2012 11:15	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.090	0.41	0.66666	EPA TO-15	03/29/2012 09:00	03/30/2012 11:15	TD
123-91-1	1,4-Dioxane	ND		ug/m ³	0.22	2.4	0.66666	EPA TO-15	03/29/2012 09:00	03/30/2012 11:15	TD
78-93-3	2-Butanone	1.8		ug/m ³	0.080	0.20	0.66666	EPA TO-15	03/29/2012 09:00	03/30/2012 11:15	TD
591-78-6	2-Hexanone	ND		ug/m ³	0.15	0.56	0.66666	EPA TO-15	03/29/2012 09:00	03/30/2012 11:15	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.10	0.28	0.66666	EPA TO-15	03/29/2012 09:00	03/30/2012 11:15	TD
67-64-1	Acetone	34	E	ug/m ³	0.050	0.16	0.66666	EPA TO-15	03/29/2012 09:00	03/30/2012 11:15	TD
71-43-2	Benzene	0.69		ug/m ³	0.032	0.22	0.66666	EPA TO-15	03/29/2012 09:00	03/30/2012 11:15	TD
100-44-7	Benzyl chloride	ND		ug/m ³	0.042	0.35	0.66666	EPA TO-15	03/29/2012 09:00	03/30/2012 11:15	TD
75-27-4	Bromodichloromethane	ND		ug/m ³	0.10	0.42	0.66666	EPA TO-15	03/29/2012 09:00	03/30/2012 11:15	TD
75-25-2	Bromoform	ND		ug/m ³	0.13	0.70	0.66666	EPA TO-15	03/29/2012 09:00	03/30/2012 11:15	TD
74-83-9	Bromomethane	ND		ug/m ³	0.032	0.26	0.66666	EPA TO-15	03/29/2012 09:00	03/30/2012 11:15	TD
75-15-0	Carbon disulfide	4.9		ug/m ³	0.025	0.21	0.66666	EPA TO-15	03/29/2012 09:00	03/30/2012 11:15	TD
56-23-5	Carbon tetrachloride	ND		ug/m ³	0.051	0.21	0.66666	EPA TO-15	03/29/2012 09:00	03/30/2012 11:15	TD
108-90-7	Chlorobenzene	ND		ug/m ³	0.056	0.31	0.66666	EPA TO-15	03/29/2012 09:00	03/30/2012 11:15	TD
75-00-3	Chloroethane	ND		ug/m ³	0.021	0.18	0.66666	EPA TO-15	03/29/2012 09:00	03/30/2012 11:15	TD
67-66-3	Chloroform	ND		ug/m ³	0.050	0.33	0.66666	EPA TO-15	03/29/2012 09:00	03/30/2012 11:15	TD
74-87-3	Chloromethane	1.2		ug/m ³	0.042	0.14	0.66666	EPA TO-15	03/29/2012 09:00	03/30/2012 11:15	TD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.046	0.27	0.66666	EPA TO-15	03/29/2012 09:00	03/30/2012 11:15	TD

Sample Information

Client Sample ID: KC-IAQ-001

York Sample ID: 12C1028-01

York Project (SDG) No.
12C1028

Client Project ID
41103.00 Kingston CVS

Matrix
Indoor Ambient Air

Collection Date/Time
March 27, 2012 10:26 am

Date Received
03/29/2012

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.077	0.31	0.66666	EPA TO-15	03/29/2012 09:00	03/30/2012 11:15	TD
110-82-7	Cyclohexane	ND		ug/m ³	0.028	0.23	0.66666	EPA TO-15	03/29/2012 09:00	03/30/2012 11:15	TD
124-48-1	Dibromochloromethane	ND		ug/m ³	0.54	0.54	0.66666	EPA TO-15	03/29/2012 09:00	03/30/2012 11:15	TD
75-71-8	Dichlorodifluoromethane	2.6		ug/m ³	0.084	0.34	0.66666	EPA TO-15	03/29/2012 09:00	03/30/2012 11:15	TD
141-78-6	Ethyl acetate	11		ug/m ³	0.061	0.24	0.66666	EPA TO-15	03/29/2012 09:00	03/30/2012 11:15	TD
100-41-4	Ethyl Benzene	ND		ug/m ³	0.053	0.29	0.66666	EPA TO-15	03/29/2012 09:00	03/30/2012 11:15	TD
87-68-3	Hexachlorobutadiene	ND		ug/m ³	0.13	0.72	0.66666	EPA TO-15	03/29/2012 09:00	03/30/2012 11:15	TD
67-63-0	Isopropanol	3.7		ug/m ³	0.058	0.17	0.66666	EPA TO-15	03/29/2012 09:00	03/30/2012 11:15	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.029	0.24	0.66666	EPA TO-15	03/29/2012 09:00	03/30/2012 11:15	TD
75-09-2	Methylene chloride	2.8		ug/m ³	0.057	0.24	0.66666	EPA TO-15	03/29/2012 09:00	03/30/2012 11:15	TD
142-82-5	n-Heptane	0.50		ug/m ³	0.033	0.28	0.66666	EPA TO-15	03/29/2012 09:00	03/30/2012 11:15	TD
110-54-3	n-Hexane	0.69		ug/m ³	0.029	0.24	0.66666	EPA TO-15	03/29/2012 09:00	03/30/2012 11:15	TD
95-47-6	o-Xylene	ND		ug/m ³	0.053	0.29	0.66666	EPA TO-15	03/29/2012 09:00	03/30/2012 11:15	TD
1330-20-7P/M	p- & m- Xylenes	ND		ug/m ³	0.10	0.29	0.66666	EPA TO-15	03/29/2012 09:00	03/30/2012 11:15	TD
622-96-8	p-Ethyltoluene	ND		ug/m ³	0.060	1.7	0.66666	EPA TO-15	03/29/2012 09:00	03/30/2012 11:15	TD
115-07-01	Propylene	ND		ug/m ³	0.054	0.12	0.66666	EPA TO-15	03/29/2012 09:00	03/30/2012 11:15	TD
100-42-5	Styrene	ND		ug/m ³	0.052	0.29	0.66666	EPA TO-15	03/29/2012 09:00	03/30/2012 11:15	TD
127-18-4	Tetrachloroethylene	ND		ug/m ³	0.055	0.46	0.66666	EPA TO-15	03/29/2012 09:00	03/30/2012 11:15	TD
109-99-9	Tetrahydrofuran	0.96		ug/m ³	0.050	0.20	0.66666	EPA TO-15	03/29/2012 09:00	03/30/2012 11:15	TD
108-88-3	Toluene	2.4		ug/m ³	0.061	0.26	0.66666	EPA TO-15	03/29/2012 09:00	03/30/2012 11:15	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.032	0.27	0.66666	EPA TO-15	03/29/2012 09:00	03/30/2012 11:15	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.055	0.31	0.66666	EPA TO-15	03/29/2012 09:00	03/30/2012 11:15	TD
79-01-6	Trichloroethylene	ND		ug/m ³	0.044	0.18	0.66666	EPA TO-15	03/29/2012 09:00	03/30/2012 11:15	TD
75-69-4	Trichlorofluoromethane (Freon 11)	1.8		ug/m ³	0.023	0.38	0.66666	EPA TO-15	03/29/2012 09:00	03/30/2012 11:15	TD
108-05-4	Vinyl acetate	ND		ug/m ³	0.036	0.48	0.66666	EPA TO-15	03/29/2012 09:00	03/30/2012 11:15	TD
75-01-4	Vinyl Chloride	ND		ug/m ³	0.042	0.35	0.66666	EPA TO-15	03/29/2012 09:00	03/30/2012 11:15	TD
	Surrogate Recoveries	Result		Acceptance Range							
460-00-4	Surrogate: p-Bromofluorobenzene	95.8 %		70-130							

Analytical Batch Summary

Batch ID: BC21205

Preparation Method: EPA TO15 PREP

Prepared By: TD

YORK Sample ID	Client Sample ID	Preparation Date
12C1028-01	KC-IAQ-001	03/29/12
BC21205-BLK1	Blank	03/29/12
BC21205-BS1	LCS	03/29/12

Volatile Organic Compounds by EPA Compendium TO14A/TO15 - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BC21205 - EPA TO15 PREP

Blank (BC21205-BLK1)

Prepared & Analyzed: 03/29/2012

Vinyl Chloride	ND	0.52	ug/m ³
Vinyl acetate	ND	0.72	"
Trichloroethylene	ND	0.27	"
trans-1,3-Dichloropropylene	ND	0.46	"
trans-1,2-Dichloroethylene	ND	0.40	"
Toluene	ND	0.38	"
Tetrahydrofuran	ND	0.30	"
Tetrachloroethylene	ND	0.69	"
Styrene	ND	0.43	"
Propylene	ND	0.18	"
p-Ethyltoluene	ND	2.5	"
p- & m- Xylenes	ND	0.44	"
o-Xylene	ND	0.44	"
n-Hexane	ND	0.36	"
n-Heptane	ND	0.42	"
Methylene chloride	ND	0.35	"
Methyl tert-butyl ether (MTBE)	ND	0.37	"
4-Methyl-2-pentanone	ND	0.42	"
Isopropanol	ND	0.25	"
Hexachlorobutadiene	ND	1.1	"
Ethyl Benzene	ND	0.44	"
Ethyl acetate	ND	0.37	"
Cyclohexane	ND	0.35	"
cis-1,3-Dichloropropylene	ND	0.46	"
cis-1,2-Dichloroethylene	ND	0.40	"
Chloromethane	ND	0.21	"
Chloroform	ND	0.50	"
Chloroethane	ND	0.27	"
Carbon tetrachloride	ND	0.32	"
Carbon disulfide	ND	0.32	"
Bromomethane	ND	0.39	"
Bromoform	ND	1.1	"
Bromodichloromethane	ND	0.63	"
Benzyl chloride	ND	0.53	"
Benzene	ND	0.32	"
Acetone	ND	0.24	"
2-Hexanone	ND	0.83	"
2-Butanone	ND	0.30	"
1,4-Dioxane	ND	3.7	"
1,4-Dichlorobenzene	ND	0.61	"
1,3-Dichlorobenzene	ND	0.61	"
1,3-Butadiene	ND	0.44	"
1,3,5-Trimethylbenzene	ND	1.0	"
1,2-Dichlorotetrafluoroethane	ND	0.71	"
1,2-Dichloropropane	ND	0.47	"
1,2-Dichloroethane	ND	0.41	"
1,2-Dichlorobenzene	ND	0.61	"
1,2,4-Trimethylbenzene	ND	2.5	"
1,2,4-Trichlorobenzene	ND	0.75	"
1,1-Dichloroethylene	ND	0.40	"
1,1-Dichloroethane	ND	0.41	"
Trichlorofluoromethane (Freon 11)	ND	0.57	"
1,1,2-Trichloroethane	ND	0.55	"

Volatile Organic Compounds by EPA Compendium TO14A/TO15 - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC21205 - EPA TO15 PREP											
Blank (BC21205-BLK1)						Prepared & Analyzed: 03/29/2012					
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.78	ug/m ³								
1,1,2,2-Tetrachloroethane	ND	0.70	"								
1,1,1-Trichloroethane	ND	0.55	"								
Dichlorodifluoromethane	ND	0.50	"								
1,2-Dibromoethane	ND	0.78	"								
Dibromochloromethane	ND	0.82	"								
Chlorobenzene	ND	0.47	"								
<i>Surrogate: p-Bromofluorobenzene</i>	<i>8.61</i>		<i>ppbv</i>	<i>10.0</i>		<i>86.1</i>	<i>70-130</i>				
LCS (BC21205-BS1)						Prepared & Analyzed: 03/29/2012					
Vinyl Chloride	10.7		ppbv	10.1		106	70-130				
Vinyl acetate	3.87		"	9.70		39.9	58.1-135	Low Bias			
Trichloroethylene	8.54		"	10.2		83.7	70-130				
trans-1,3-Dichloropropylene	9.55		"	9.90		96.5	62-135				
trans-1,2-Dichloroethylene	8.46		"	9.50		89.1	58.3-130				
Toluene	10.0		"	10.8		92.8	64.9-126				
Tetrahydrofuran	9.38		"	10.2		92.0	44.6-146				
Tetrachloroethylene	9.82		"	10.5		93.5	70-130				
Styrene	11.4		"	10.7		107	66.4-132				
Propylene	10.1		"	11.0		92.1	62.4-150				
p-Ethyltoluene	11.7		"	10.4		113	73.8-146				
p- & m- Xylenes	20.9		"	21.0		99.7	56.6-136				
o-Xylene	11.0		"	10.8		102	67.8-133				
n-Hexane	9.22		"	10.3		89.5	59.7-130				
n-Heptane	9.64		"	10.4		92.7	62.3-134				
Methylene chloride	6.46		"	10.0		64.6	62.6-130				
Methyl tert-butyl ether (MTBE)	9.81		"	10.2		96.2	60.7-139				
4-Methyl-2-pentanone	7.20		"	10.0		72.0	64.5-158				
Isopropanol	6.94		"	9.90		70.1	60-150				
Hexachlorobutadiene	12.3		"	11.0		112	61.2-150				
Ethyl Benzene	10.4		"	10.7		96.9	68.4-125				
Ethyl acetate	11.1		"	10.0		111	40.6-150				
Cyclohexane	9.14		"	10.2		89.6	60.4-127				
cis-1,3-Dichloropropylene	9.84		"	10.7		92.0	65.5-129				
cis-1,2-Dichloroethylene	9.10		"	10.5		86.7	51.3-118				
Chloromethane	9.11		"	10.1		90.2	64.9-130				
Chloroform	9.02		"	10.0		90.2	65.1-130				
Chloroethane	9.68		"	10.1		95.8	52.1-131				
Carbon tetrachloride	8.36		"	10.1		82.8	70-130				
Carbon disulfide	8.88		"	10.0		88.8	61.8-111				
Bromomethane	9.55		"	10.2		93.6	60.1-140				
Bromoform	11.1		"	10.5		105	58.7-150				
Bromodichloromethane	9.22		"	10.2		90.4	65.3-127				
Benzyl chloride	9.31		"	10.2		91.3	62.5-150				
Benzene	9.49		"	10.4		91.2	69.5-130				
Acetone	9.01		"	10.0		90.1	55.3-133				
2-Hexanone	6.86		"	10.1		67.9	52-150				
2-Butanone	8.38		"	10.0		83.8	28.5-154				
1,4-Dioxane	5.89		"	10.2		57.7	50-150				
1,4-Dichlorobenzene	11.4		"	10.6		108	62.5-139				
1,3-Dichlorobenzene	11.7		"	10.2		115	71.9-153				
1,3-Butadiene	9.98		"	10.5		95.0	66.7-127				
1,3,5-Trimethylbenzene	11.6		"	10.6		110	65-152				

Volatile Organic Compounds by EPA Compendium TO14A/TO15 - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BC21205 - EPA TO15 PREP

LCS (BC21205-BS1)

Prepared & Analyzed: 03/29/2012

1,2-Dichlorotetrafluoroethane	9.69		ppbv	10.1		95.9	63.3-129				
1,2-Dichloropropane	9.02		"	10.7		84.3	21.3-152				
1,2-Dichloroethane	9.81		"	10.4		94.3	51.2-124				
1,2-Dichlorobenzene	11.6		"	10.6		109	63.7-148				
1,2,4-Trimethylbenzene	11.9		"	10.7		111	67.9-152				
1,2,4-Trichlorobenzene	11.7		"	11.0		107	58-147				
1,1-Dichloroethylene	8.80		"	9.80		89.8	58.1-130				
1,1-Dichloroethane	9.16		"	10.2		89.8	63.3-130				
Trichlorofluoromethane (Freon 11)	9.34		"	10.5		89.0	56-132				
1,1,2-Trichloroethane	9.61		"	10.7		89.8	66-127				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.54		"	9.70		88.0	60.2-125				
1,1,2,2-Tetrachloroethane	9.52		"	10.8		88.1	63.7-132				
1,1,1-Trichloroethane	9.79		"	10.4		94.1	58.2-126				
Dichlorodifluoromethane	9.83		"	10.0		98.3	62.8-133				
1,2-Dibromoethane	9.97		"	10.6		94.1	70-130				
Dibromochloromethane	10.2		"	10.6		96.1	70-130				
Chlorobenzene	10.3		"	10.8		95.4	67.6-122				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.0</i>		<i>"</i>	<i>10.0</i>		<i>100</i>	<i>70-130</i>				

Notes and Definitions

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.
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
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.

Corrective Action:

