CONESTOGA-ROVERS & ASSOCIATES

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Report

2014 Periodic Review Report

Former NL Industries Site
3241 Walden Avenue
Depew, New York

Prepared for: Cascades, Inc.

Conestoga-Rovers & Associates
285 Delaware Avenue, Suite 500
Buffalo, New York 14202

October 2014 • 631110 • Report No. 1

Partners in Sustainability

Enclosure 2

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

Site Details **Box 1**

Site No. **C915200**

Site Name Former NL Industries Foundry

Site Address: 3241 Walden Avenue Zip Code: 14043
City/Town: Cheektowaga
County: Erie
Site Acreage: 7.5

Reporting Period: August 31, 2013 to August 31, 2014

	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? 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

Box 2A

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information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid?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

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. C915200 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
104.09-5-1	Norampac Industries Inc.	Ground Water Use Restriction Soil Management Plan Landuse Restriction Monitoring Plan Site Management Plan O&M Plan IC/EC Plan

[For details- see Section 5 in the Site Management Plan, dated October 16, 2009]
Enviornmental Easement is included in the FER in Appendix E. The Easement was recorded with the Erie County clerk on 12/1/2009.

(i) Prohibition of groundwater use.
(ii) Restrictions on property use.
(iii) Maintinenace of cover on the containment cell.
(iv) Maitinenace of asphalt cover over trucking yard, eastern parking lot, and railsiding areas.
(v) Maintinenace of concrete cover in the building and apron areas.

Box 4

Description of Engineering Controls

Parcel	Engineering Control
104.09-5-1	Cover System Fencing/Access Control

Box 5

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 engineering practices; and the information presented is accurate and compete.

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. C915200

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 ROBERT G. ADAMS (print name) at CRA INFRASTRUCTURE & ENGINEERING 285 DELAWARE AVE, BUFFALO NY 14202 (print business address)

am certifying as OWNER'S REPRESENTATIVE (Owner or Remedial Party)

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

Robert G. Adams
Signature of Owner, Remedial Party, or Designated Representative Rendering Certification

10/6/14
Date

IC/EC CERTIFICATIONS

Box 7

Professional Engineer 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 ROBERT G. ADAMS at CRA INFRASTRUCTURE & ENGINEERING 285 DELAWARE AVE, BUFFALO NY 14202

print name — print business address

am certifying as a Professional Engineer for the OWNER

(Owner or Remedial Party)

STATE OF NEW YORK
ROBERT G. ADAMS
064918
LICENSED PROFESSIONAL ENGINEER

Robert G. Adams

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

Stamp (Required for PE)

10/6/14

Date

CONESTOGA-ROVERS & ASSOCIATES

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Section 1.0 Introduction

The former NL Industries facility (Site) is located at 3241 Walden Avenue in Depew, New York (Figure 1.1). The property and facility are currently owned by Norampac Industries, Inc., a division of Cascades, Inc. (Cascades), and operated by Metro Waste Paper Recovery, Inc. Remediation of the Site was completed in 2008 under the oversight of the New York State Department of Environmental Conservation (NYSDEC) in accordance with Brownfield Cleanup Agreement (BCA) Index #B9-0554-98-12, Site #C-915200. A Site Management Plan (SMP) was developed upon completion of the remedial construction to ensure implementation and management of the institutional controls (ICs) and engineering controls (ECs) in place at the Site. This Periodic Review Report (PRR) is being prepared to certify that site management activities are being conducted in accordance with the SMP.

The final remedial alternative for the Site, as described in the SMP dated October 2009, included the following components:

1. Excavation of impacted soils from the western section of the Site and consolidation within a containment cell constructed within the central portion of the Site.
2. Capping of the containment cell with imported clean fill, geo-synthetic clay liner (GCL), and soil/vegetative or asphalt cover.
3. Construction of a GCL and soil cover system on all non-paved areas of the containment cell (i.e., side slopes).
4. Construction of a GCL and asphalt cover system on all paved areas of the containment cell.
5. Execution and recording of an Environmental Easement to restrict land use and prevent future exposure to remaining impacted materials for the central and eastern portions of the Site.
6. Development and implementation of a SMP for long-term management of the ECs/ICs at the Site.

The SMP, designed to serve as a work plan for Site monitoring and maintenance, was prepared and approved by NYSDEC in December 2009.

This report presents the results of the groundwater monitoring event and the Site inspection conducted in September 2014, and recordkeeping conducted through August 2014. The report is organized as follows:

- Section 1 – Introduction: The background and brief remedial history of the Site.

- Section 2 – Engineering and Institutional Controls: The ECs/ICs for this Site are described.
- Section 3 – Inspections and Maintenance Activities: Activities performed during the current reporting period and their results.
- Section 4 – Groundwater Monitoring: Discussion of groundwater monitoring data and analytical results generated from the current monitoring period.
- Section 5 – Conclusions and Recommendations: Conclusions and recommendations based upon the data and results of the current monitoring period.

Section 2.0 Engineering and Institutional Controls

Engineering controls are required to protect human health and the environment because impacted fill is still present below various structures at the Site. Figure 2.1 shows the Site layout, and Figure 2.2 shows the various EC systems in place at the Site.

2.1 Engineering Controls (ECs)

The purpose of the EC systems is to eliminate the potential for human contact with fill material, prevent percolation of precipitation through the impacted fill, and eliminate the potential for contaminated runoff from the Site. The EC systems in place at the Site consist of the following:

- **Asphalt Only**: The trucking yard within the eastern section of the Site was paved in 2004 and is covered by 4.5 inches of sub-base material and 6 inches of asphalt (4.5 inches binder coat and 1.5 inches top coat). The eastern parking lot was historically paved with asphalt for employee parking. In addition, the area identified as the "rail siding area" was paved with 6 inches of asphalt (4 inches binder coat and 2 inches top coat) in August 2008.
- **Building and Apron Concrete**: The concrete floor of the existing building and exterior concrete pads/aprons are believed to be a minimum of 6 inches in thickness.
- **GCL and Soil**: All non-paved areas (side slopes of the containment cell) of the containment cell are covered by approximately 12 inches of clean soil underlain by a GCL covering with a 6-inch sand layer between the GCL and impacted fill. All exposed environmentally clean soil/fill has been hydro seeded as an erosion control methodology.
- **GCL and Asphalt**: All paved areas of the central section containment cell are covered by 6 inches of asphalt (4 inches binder coat and 2 inches top coat) underlain by 12 inches of clean fill, followed by a GCL covering with a 6-inch sand layer between the GCL and the impacted fill.

2.2 Institutional Controls (ICs)

The purpose of the ICs is to:

- Implement, maintain, and monitor the ECs.
- Prevent future exposure to remaining on-Site contamination by controlling disturbance of the subsurface contamination.
- Limit the use and development of portions of the Site to industrial uses only.

The ICs that have been established for the Site must be:

- In compliance with the Environmental Easement and the SMP by the Grantor (currently Norampac, Inc.) and the Grantor's successors and assigns.
- Operated and maintained as specified in the SMP.
- Inspected at a frequency and in a manner defined in the SMP.

Data and information pertinent to management of the Site must be reported at the frequency and in a manner defined in the SMP.

Adherence to the ICs is required by the Environmental Easement. The ICs may not be discontinued without an amendment to or extinguishment of the Environmental Easement.

In addition, the Site has a series of ICs in the form of site restrictions as required by the Environmental Easement. Site restrictions that apply to the Site are:

- The central and eastern portions of the property may only be used for commercial/industrial purposes provided that the long-term ECs/ICs included in the SMP are employed.
- The central and eastern portions of the property may not be used for a higher level of use, such as unrestricted or restricted residential use without additional remediation and amendment of the Environmental Easement, as approved by the NYSDEC.
- All future activities on the property that will disturb remaining impacted material must be conducted in accordance with the SMP.
- The Site owner or remedial party will submit to the NYSDEC a written statement that certifies, under penalty of perjury, that: (1) controls employed at the Site are unchanged from the previous certification or that any changes to the controls were approved by the NYSDEC; and, (2) nothing has occurred that impairs the ability of the controls to protect public health and environment or that constitute a violation or failure to comply with the SMP.

- The groundwater beneath the central and eastern sections of the property may not be used for potable or non-potable purposes.

Section 3.0 Inspections and Maintenance Activities

A comprehensive Site-wide inspection is required to be conducted annually in the spring, as specified in the SMP. The intent of the annual inspection is to determine whether:

- The ECs continue to perform as designed.
- The ECs continue to be protective of human health and the environment.
- The Site is operated and maintained in compliance with the SMP and Environmental Easement.
- The remedial performance criteria have been achieved.
- Sampling and analysis of appropriate media were conducted.
- Site records are complete and current.
- Changes to the remedial systems or monitoring are needed.

The O&M activities were performed by CRA personnel in accordance with the requirements of the SMP.

The annual comprehensive Site inspection was conducted on September 19, 2014. The following sections discuss the findings of the 2014 inspection. The completed Site Inspection Form is provided as Appendix A to this report.

3.1 Asphalt Only Cover System

The three areas of asphalt only cover consist of the Trucking Yard (west of the main building), Parking Lot (east of the main building), and Former Rail Siding (south of the main building) as shown on Figure 2.2. The areas of asphalt only cover were visually inspected for cracks and deterioration.

3.1.1 Trucking Yard

The asphalt surface in the trucking yard was free of cracks and deterioration and appeared in good condition. The test pit locations excavated in 2009 were repaved in 2011 and remain in good condition. Photos of the trucking yard are provided in Appendix B.

3.1.2 Parking Lot

The Parking Lot is free of cracks and deterioration. Photos of the pavement are provided in Appendix B.

3.1.3 Former Rail Siding

The asphalt cover on the Former Rail Siding was free of cracks and deterioration and appeared in good condition. Photos of the pavement are provided in Appendix B.

3.1.4 Corrective Action

No corrective action is necessary for the asphalt only cover system at this time.

3.2 Building and Apron Concrete Cover System

The building floor slab and apron concrete were visually inspected for cracks and deterioration. The concrete surfaces were free of cracks and deterioration and appeared in good condition. Photos of the concrete are provided in Appendix B.

No corrective action is necessary for the building and apron concrete cover system at this time.

3.3 GCL and Soil Cover System

The GCL and soil cover system was visually inspected as part of the annual comprehensive Site inspection. As noted below in Section 3.7, the vegetative cover had been mowed and the grass was approximately 2 inches in length. No areas of subsidence, erosion, or exposed GCL were observed. Photos of the GCL and soil cover are provided in Appendix B.

Corrective action is not necessary for the GCL and soil cover system at this time.

3.4 GCL and Asphalt Cover System

The GCL and asphalt cover system was visually inspected as part of the annual comprehensive Site inspection. No areas of subsidence or exposed GCL were observed. Minor surface indentations caused by tractor trailer supports were noted in the asphalt, consistent with past years. The indentations were approximately 0.25 to 0.5 inch in depth, but do not affect the integrity of the cap. Photos of the GCL and asphalt cover are provided in Appendix B.

No corrective action is necessary for the GCL and asphalt cover system at this time.

3.5 Retention Pond

The retention pond was inspected as part of the annual comprehensive Site inspection, in addition to monthly inspections by Mr. Thomas Derkovitz, Site Manager. At the time of the annual inspection, approximately 9 inches of standing water was present in the center of the pond, as the water level was below the invert of the outflow pipe. Significant plant growth (grasses, phragmites) was observed in the pond, along with dead leaves/plant matter. No other debris was observed and the outlet pipes are open. No evidence of erosion was observed along the banks of the pond.

A gate was installed at the southeast corner of the pond fence enclosure in June 2011 to allow access for mowing and maintenance. The gate is locked to prevent unauthorized access. Photos of the retention pond are provided in Appendix B.

Removal of the plant growth will be completed before the winter to reduce the amount of growth in the pond next season and prevent a condition where the function of the pond could be impaired.

3.6 Fencing

The fencing was inspected as part of the annual comprehensive site inspection, in addition to semiannual inspections in spring and fall by Mr. Derkovitz. The fence and fence posts appeared in good condition with no holes in the fence or heaved supports posts. The fence north of the Site along Walden Avenue was constructed with braided wire rather than a top support pole. At the time of the inspection, the wire provided sufficient support for the fence. Photos of the fencing are provided in Appendix B.

No corrective action is necessary for the fence at this time.

3.7 Vegetative Cover

The vegetative cover was inspected as part of the annual comprehensive site inspection, as well as semiannually in spring and fall by Mr. Derkovitz. Grass was routinely cut on a monthly basis. No areas of distressed vegetation, invading species, or woody growth were observed. Photos of the vegetative cover are provided in Appendix B.

No corrective action is necessary for the vegetative cover at this time.

Section 4.0 Groundwater Monitoring

4.1 Monitoring Well Inspection

In accordance with the SMP, monitoring well inspections were conducted in conjunction with the groundwater monitoring event in September 2014. The locations of the groundwater monitoring wells are shown on Figure 4.1. The inspections of the monitoring wells included the condition of well caps, J-plugs, seals, protective pads, and visible portions of the well casings. Monitoring well conditions are noted on the Site Inspection Form presented in Appendix A

In addition, the open depth of each monitoring well was measured (sounded) prior to purging the well for sampling. The sounded depths and installed screened intervals of each well are presented in Table 4.1. Comparison of these details shows that the screened intervals of all wells are open. The recharge during purging for sampling demonstrates that the presence of the small amounts of observed sediment does not interfere with the flow of groundwater through the wells or sand packs.

All wells were noted to be in good condition with no repairs required at this time, with the exception of MW-106F. The casing has been damaged and the casing cover is missing, however, the well riser and J-plug are undamaged. The protective casing will be replaced as soon as schedules allow.

4.2 Groundwater Elevation

As part of the monitoring activities described in the SMP, each monitoring well was gauged before sampling using an electric water level meter. The depth to the top of the groundwater was measured prior to beginning the purging of monitoring wells for sampling. Water level measurements are included in the Groundwater Monitoring Field Forms presented in Appendix C and water level elevations are summarized in Table 4.2. A groundwater contour map is provided as Figure 4.2.

4.3 Groundwater Sampling

Groundwater samples were collected using low flow techniques in accordance with the SMP. A sample collection and analysis summary is presented in Table 4.3. The purging parameters are provided on the Groundwater Monitoring Field Forms presented in Appendix C.

4.4 Groundwater Data Evaluation

The groundwater analytical data generated during this reporting period are summarized in Table 4.4. The analytical data report is provided as Appendix D. A quality assurance/quality control (QA/QC) review of the analytical data has been conducted. The Data Usability Summary Report (DUSR) is presented in Appendix E.

Analytical results for volatile organic compounds (VOCs) and semivolatile organic compounds (SVOCs) were all either non-detect, or detected at estimated concentrations below the New York State water quality criteria. Detections of methylene chloride (estimated at 0.37 µg/L) and trichloroethene (2.2 µg/L) were observed below the New York State water quality criteria of 5 µg/L in the sample from MW-106F.

Lead was detected at monitoring well MW-101 at a concentration of 27 µg/L, exceeding the New York State water quality criteria for potable groundwater of 25 µg/L. The detection is only slightly above the standard and is consistent with past detections (26 µg/L in 2013). Iron was detected in monitoring wells MW-102 through MW-105 at concentrations ranging from 560 µg/L to 2,600 µg/L, above the New York State water quality criteria of 300 µg/L for iron. In addition, magnesium and sodium were detected in all monitoring wells at concentrations above the New York State water quality criteria of 35,000 µg/L for magnesium (guidance value) and 20,000 µg/L for sodium (standard) in potable groundwater. Detections ranged from 57,000 µg/L to 97,000 µg/L for magnesium; and from 49,000 µg/L to 150,000 µg/L for sodium. The observations of these metals are consistent with those from previous monitoring years. Iron, magnesium, and sodium are common elements contained in soils and are also typically present in groundwater.

Section 5.0 Conclusions and Recommendations

The annual inspection and monitoring activities performed during this reporting period found that:

- Monitoring wells at the Site are in good condition, with the exception of the damaged casing on MW-106F.
- The asphalt only, building and apron concrete, GCL and soil, and GCL and asphalt cover systems are in good condition with no deficiencies noted.
- Perimeter fencing was maintained and is in good condition.

- The retention pond is becoming overgrown with vegetation and phragmites. Plant growth will be removed before winter to reduce regrowth in subsequent years.
- VOCs were either all non-detect or detected at concentrations below the New York State water quality criteria. The low-level detections were observed in MW-106F.
- SVOC were not detected in the groundwater samples.
- Lead was detected at monitoring well MW-101 at a concentration of 27 µg/L, exceeding the New York State water quality criteria for potable groundwater of 25 µg/L for lead.
- Iron was present in 4 of the 6 monitoring wells, while magnesium and sodium were present at all of the Site monitoring wells at concentrations exceeding the New York State water quality criteria for these parameters. Iron, magnesium, and sodium are common elements contained in soils and are also typically present in groundwater.

Based on these observations, it is concluded that the remedial action continues to be effective. Some minor maintenance issues were identified and will be addressed before winter. The NYSDEC will be notified when the maintenance is complete.

Cascades requests that the monitoring frequency for this Site be reduced to a triennial basis since groundwater conditions appear stable and Site usage/conditions are consistent from year to year.

Section 6.0 Certification

For each institutional or engineering control identified for the site, I certify that all of the following statements are true:

- The inspection of the Site to confirm the effectiveness of the institutional and engineering controls required by the remedial program was performed under my direction.
- Except as indicated in this report, the institutional controls and/or engineering controls employed at this Site are unchanged from the date the control was put in place, or last approved by the Department.
- Nothing has occurred that would impair the ability of the control to protect the public health and environment.
- Nothing has occurred that would constitute a violation or failure to comply with the SMP for this control.
- 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.
- Use of the Site is compliant with the environmental easement.

- The engineering control systems are performing as designed and are effective.
- 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.
- The information presented in this report is accurate and complete.

Robert G. Adams, P.E.
CRA Infrastructure & Engineering, Inc.
285 Delaware Avenue, Suite 500
Buffalo, New York 14202

Signature:  Date: October 6, 2014

Figures

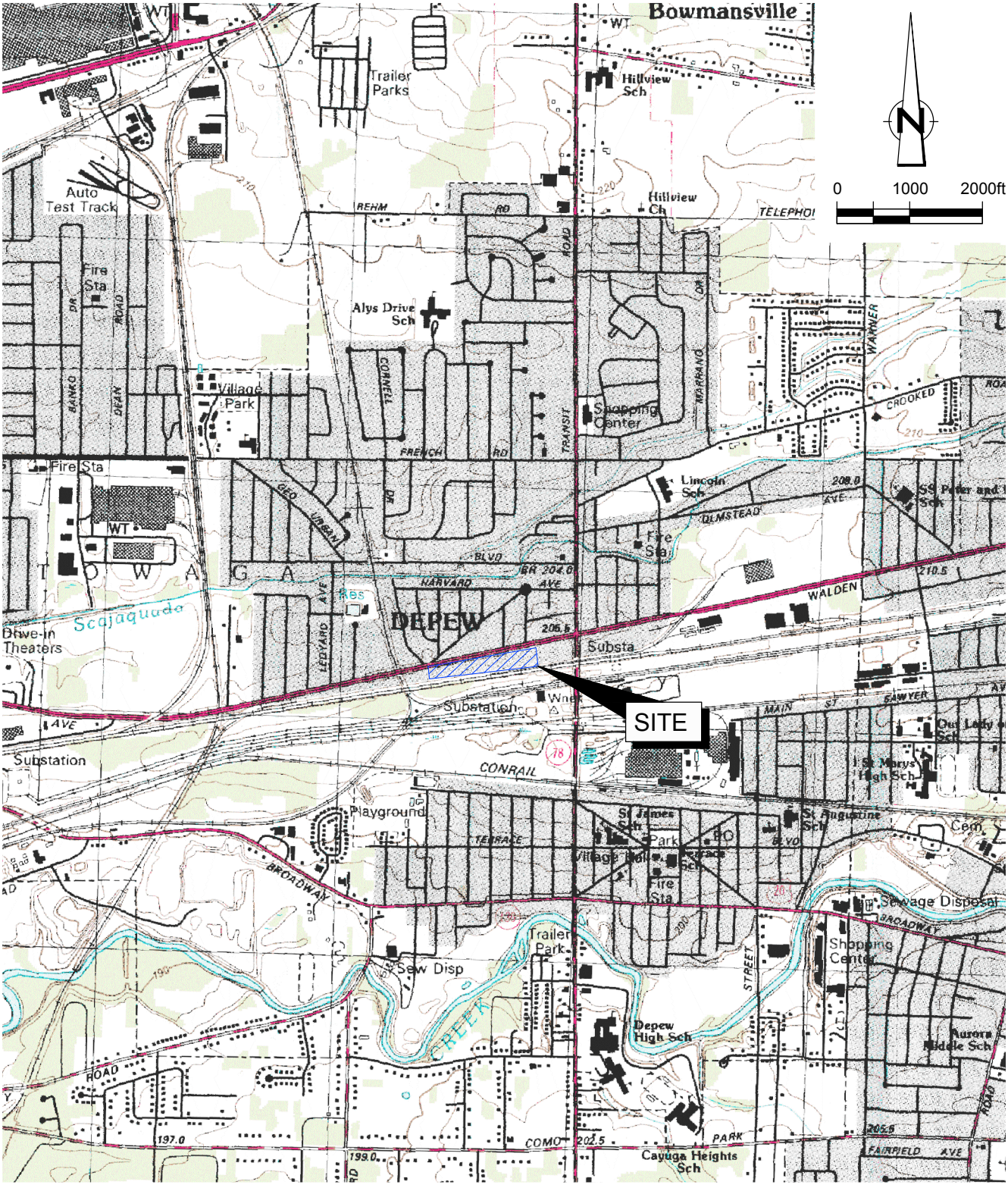
Figure 1.1 Site Location Map

Figure 2.1 Site Layout

Figure 2.2 Location of Engineering Control Systems

Figure 4.1 Monitoring Well Locations

Figure 4.2 Groundwater Contour Map



SOURCE : USGS QUADRANGLE MAP:
LANCASTER, NEW YORK

figure 1.1

SITE LOCATION MAP
FORMER N.L. INDUSTRIES SITE REMEDIATION
3241 WALDEN AVENUE
Depew, New York

631110-00(001)GN-BU001 OCT 06/2014

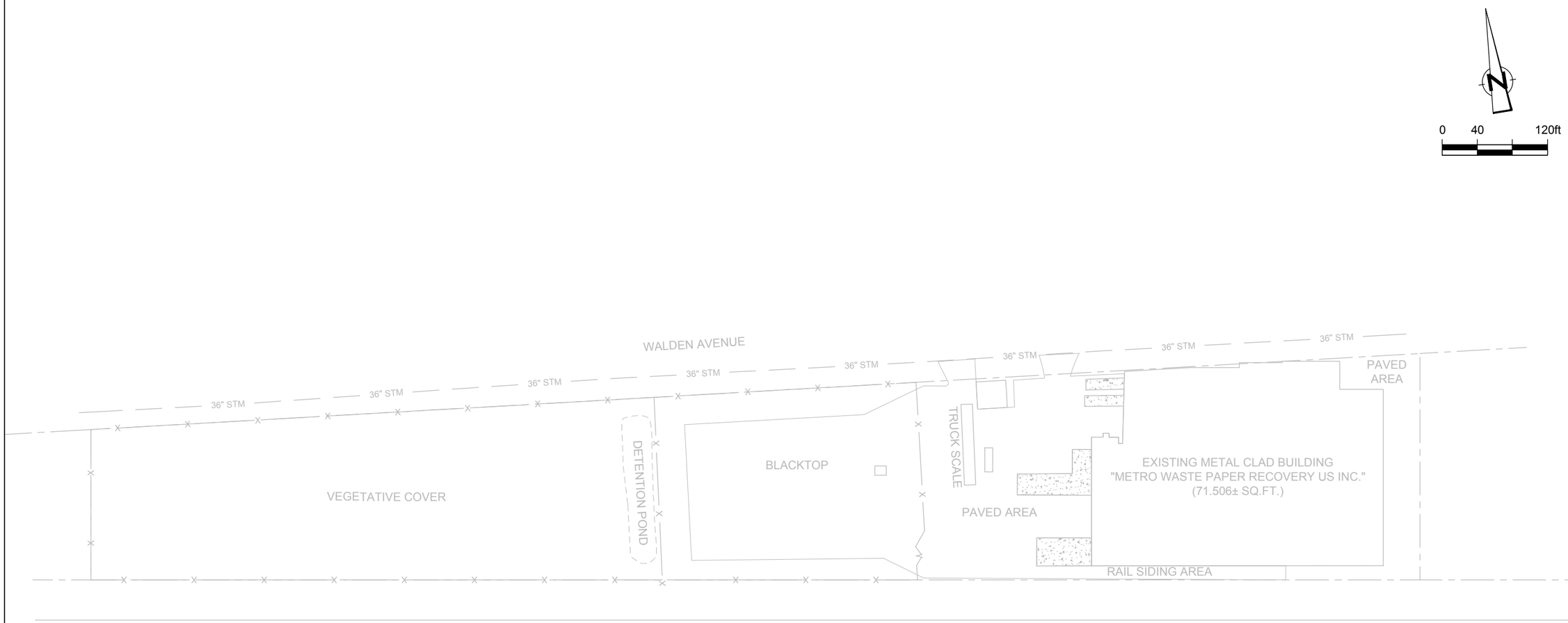


figure 2.1

SITE LAYOUT
FORMER N.L. INDUSTRIES SITE REMEDIATION
3241 WALDEN AVENUE
Depew, New York

SOURCE: DRAWING FILE (MWL-126254-01.dwg)
FROM TIGHE & BOND
(MIDDLETOWN, CONNECTICUT)

LEGEND:

- COVER SYSTEM A - ASPHALT ONLY
- COVER SYSTEM B - BUILDING & APRON CONCRETE
- COVER SYSTEM C - GEOSYNTHETIC CLAY LINER & SOIL
- COVER SYSTEM D - GEOSYNTHETIC CLAY LINER, SOIL, & ASPHALT

SOURCE: DRAWING FILE (MWL-126254-01.dwg)
FROM TIGHE & BOND
(MIDDLETOWN, CONNECTICUT)

figure 2.2

LOCATION OF ENGINEERING CONTROL SYSTEMS
FORMER N.L. INDUSTRIES SITE REMEDIATION
3241 WALDEN AVENUE
Depew, New York

631110-00(001)GN-BU003 OCT 06/2014

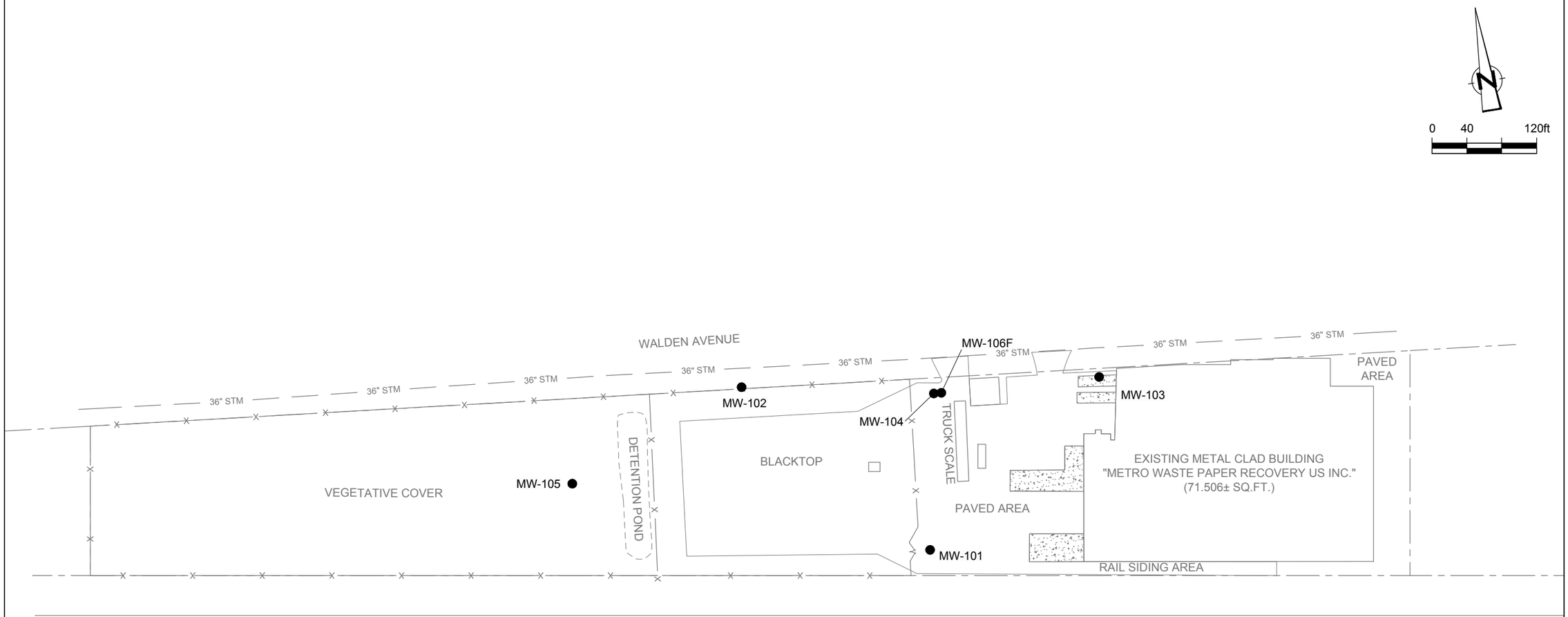


figure 4.1

MONITORING WELL LOCATIONS
FORMER N.L. INDUSTRIES SITE REMEDIATION
3241 WALDEN AVENUE
Depew, New York

SOURCE: DRAWING FILE (MWL-126254-01.dwg)
FROM TIGHE & BOND
(MIDDLETOWN, CONNECTICUT)

631110-00(001)GN-BU004 OCT 06/2014

LEGEND

- MW-101 — MONITORING WELL LOCATION
- FENCELINE
- PROPERTY BOUNDARY
- RAILROAD
- 675.93 — GROUNDWATER ELEVATION (ft.)
- 676 — GROUNDWATER ELEVATION CONTOUR (ft.)
- GROUNDWATER FLOW DIRECTION

NOTE: WATER LEVEL MEASUREMENTS COLLECTED SEPTEMBER 9, 2014

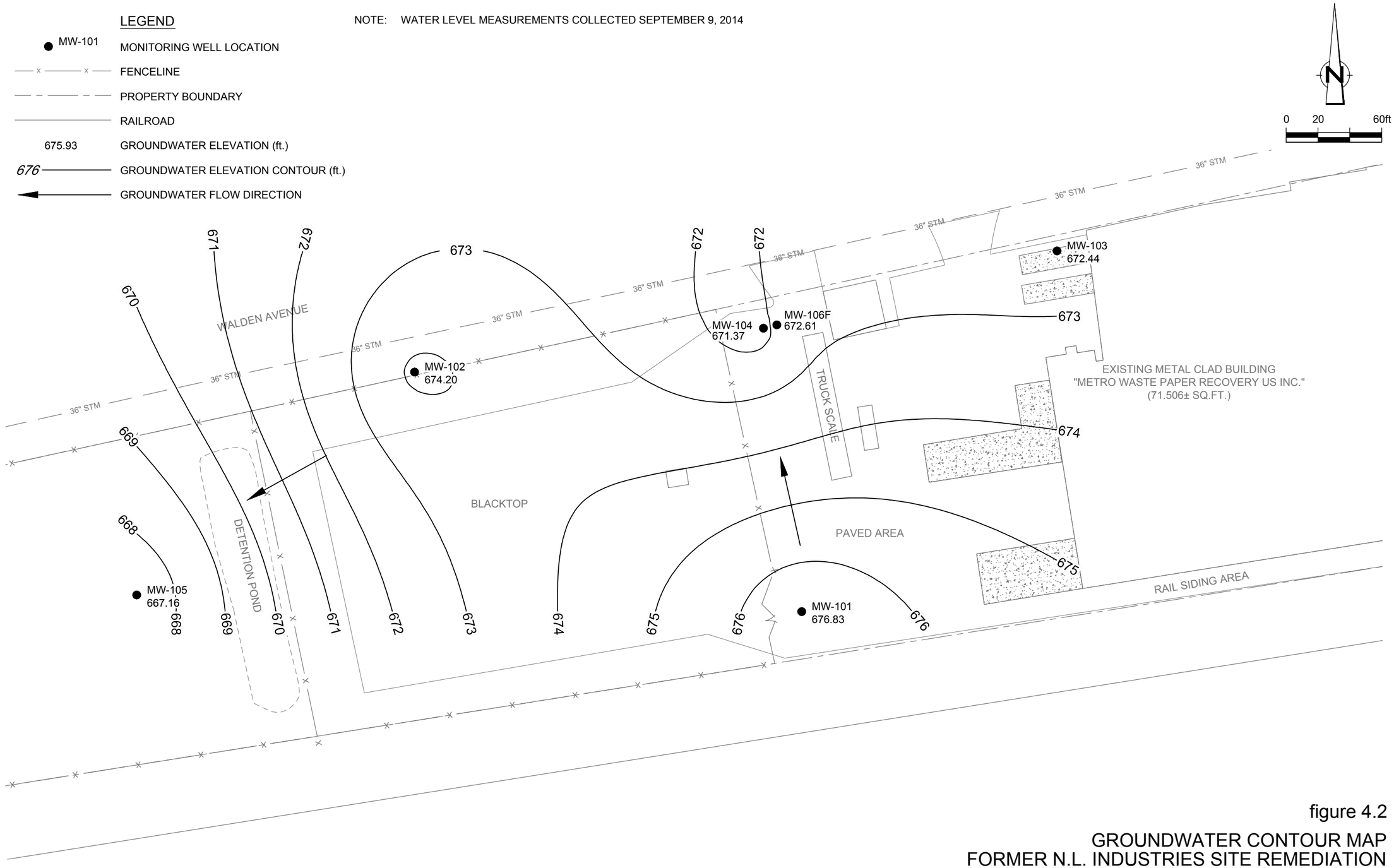


figure 4.2

GROUNDWATER CONTOUR MAP
FORMER N.L. INDUSTRIES SITE REMEDIATION
3241 WALDEN AVENUE
Depew, New York

SOURCE: DRAWING FILE (MWL-126254-01.dwg)
FROM TIGHE & BOND
(MIDDLETOWN, CONNECTICUT)

631110-00(001)GN-BU005 AUG 26/2011

Tables

Table 4.1 Monitoring Well Measurement Summary

Table 4.2 Summary of Hydraulic Monitoring Data

Table 4.3 Sample Collection and Analysis Summary

Table 4.4 Analytical Results Summary

TABLE 4.4

ANALYTICAL RESULTS SUMMARY
2014 ANNUAL PERIODIC REVIEW REPORT
FORMER NL INDUSTRIES SITE
NYSDEC SITE NO. C915200
DEPEW, NEW YORK

			Sample Location:	***MW-101***	***MW-102***	***MW-102***
			Sample ID:	***WG-631110-090914-SG-001***	***WG-631110-090914-SG-003***	***WG-631110-090914-SG-005***
			Sample Date:	***9/9/2014***	***9/9/2014***	***9/9/2014 (Duplicate)***
	New York State Water Quality					
Parameters	***Standards a***	***Guidance Values b***	***Units***			
Volatile Organic Compounds						
1,1,1-Trichloroethane	5	NC	µg/L	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	5	NC	µg/L	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	1	NC	µg/L	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	5	NC	µg/L	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	5	NC	µg/L	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	5	NC	µg/L	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	0.04	NC	µg/L	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	0.0006	NC	µg/L	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	3	NC	µg/L	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	0.6	NC	µg/L	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	1	NC	µg/L	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	3	NC	µg/L	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	3	NC	µg/L	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	NC	50	µg/L	10 U	10 U	10 U
2-Hexanone	NC	50	µg/L	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	NC	NC	µg/L	10 U	10 U	10 U
Acetone	NC	50	µg/L	10 U	10 U	10 U
Benzene	1	NC	µg/L	1.0 U	1.0 U	1.0 U
Bromodichloromethane	NC	50	µg/L	1.0 U	1.0 U	1.0 U
Bromoform	NC	50	µg/L	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	5	NC	µg/L	1.0 U	1.0 U	1.0 U
Carbon disulfide	60	60	µg/L	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	5	NC	µg/L	1.0 U	1.0 U	1.0 U
Chlorobenzene	5	NC	µg/L	1.0 U	1.0 U	1.0 U
Chloroethane	5	NC	µg/L	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	7	NC	µg/L	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	5	NC	µg/L	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	5	NC	µg/L	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	NC	NC	µg/L	1.0 U	1.0 U	1.0 U
Cyclohexane	NC	NC	µg/L	1.0 U	1.0 U	1.0 U
Dibromochloromethane	NC	50	µg/L	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	5	NC	µg/L	1.0 U	1.0 U	1.0 U
Volatile Organic Compounds-Continued						
Ethylbenzene	5	NC	µg/L	1.0 U	1.0 U	1.0 U

ANALYTICAL RESULTS SUMMARY
2014 ANNUAL PERIODIC REVIEW REPORT
FORMER NL INDUSTRIES SITE
NYSDEC SITE NO. C915200
DEPEW, NEW YORK

			Sample Location:	***MW-101***	***MW-102***	***MW-102***
			Sample ID:	***WG-631110-090914-SG-001***	***WG-631110-090914-SG-003***	***WG-631110-090914-SG-005***
			Sample Date:	***9/9/2014***	***9/9/2014***	***9/9/2014 (Duplicate)***
	New York State Water Quality					
Parameters	***Standards a***	***Guidance Values b***	***Units***			
Isopropyl benzene	5	NC	µg/L	1.0 U	1.0 U	1.0 U
Methyl acetate	NC	NC	µg/L	10 U	10 U	10 U
Methyl cyclohexane	NC	NC	µg/L	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	NC	10	µg/L	1.0 U	1.0 U	1.0 U
Methylene chloride	5	NC	µg/L	1.0 U	1.0 U	1.0 U
Styrene	5	NC	µg/L	1.0 U	1.0 U	1.0 U
Tetrachloroethene	5	NC	µg/L	1.0 U	1.0 U	1.0 U
Toluene	5	NC	µg/L	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	5	NC	µg/L	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	NC	NC	µg/L	1.0 U	1.0 U	1.0 U
Trichloroethene	5	NC	µg/L	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	5	NC	µg/L	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	5	NC	µg/L	1.0 U	1.0 U	1.0 U
Vinyl chloride	2	NC	µg/L	1.0 U	1.0 U	1.0 U
Xylenes (total)	NC	NC	µg/L	2.0 U	2.0 U	2.0 U
Semi-Volatile Organic Compounds						
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	5	NC	µg/L	0.95 U	0.96 U	0.96 U
2,4,5-Trichlorophenol	NC	NC	µg/L	4.8 UJ	4.8 UJ	4.8 UJ
2,4,6-Trichlorophenol	NC	NC	µg/L	4.8 UJ	4.8 UJ	4.8 UJ
2,4-Dichlorophenol	5	NC	µg/L	1.9 UJ	1.9 UJ	1.9 UJ
2,4-Dimethylphenol	NC	50	µg/L	1.9 U	1.9 U	1.9 U
2,4-Dinitrophenol	NC	10	µg/L	4.8 UJ	4.8 UJ	4.8 UJ
2,4-Dinitrotoluene	5	NC	µg/L	4.8 U	4.8 U	4.8 U
2,6-Dinitrotoluene	5	NC	µg/L	4.8 U	4.8 U	4.8 U
2-Chloronaphthalene	NC	10	µg/L	0.95 U	0.96 U	0.96 U
2-Chlorophenol	NC	NC	µg/L	0.95 UJ	0.95 UJ	0.95 UJ
2-Methylnaphthalene	NC	NC	µg/L	0.19 U	0.19 U	0.19 U
2-Methylphenol	NC	NC	µg/L	0.95 U	0.96 U	0.96 U
2-Nitroaniline	5	NC	µg/L	1.9 U	1.9 U	1.9 U
2-Nitrophenol	NC	NC	µg/L	1.9 UJ	1.9 UJ	1.9 UJ
Semi-Volatile Organic Compounds-Continued						
3&4-Methylphenol	5	NC	µg/L	1.9 UJ	1.9 UJ	1.9 UJ
3,3'-Dichlorobenzidine	5	NC	µg/L	4.8 U	4.8 U	4.8 U
3-Nitroaniline	NC	NC	µg/L	1.9 U	1.9 U	1.9 U

ANALYTICAL RESULTS SUMMARY
2014 ANNUAL PERIODIC REVIEW REPORT
FORMER NL INDUSTRIES SITE
NYSDEC SITE NO. C915200
DEPEW, NEW YORK

			Sample Location:	*MW-101*	*MW-102*	*MW-102*
			Sample ID:	*WG-631110-090914-SG-001*	*WG-631110-090914-SG-003*	*WG-631110-090914-SG-005*
			Sample Date:	*9/9/2014*	*9/9/2014*	*9/9/2014*
	New York State Water Quality					*(Duplicate)*
Parameters	***Standards***	***Guidance Values***	***Units***			
	a	***b***				
4,6-Dinitro-2-methylphenol	NC	NC	µg/L	4.8 UJ	4.8 UJ	4.8 UJ
4-Bromophenyl phenyl ether	NC	NC	µg/L	1.9 U	1.9 U	1.9 U
4-Chloro-3-methylphenol	5	NC	µg/L	1.9 UJ	1.9 UJ	1.9 UJ
4-Chloroaniline	NC	NC	µg/L	1.9 U	1.9 U	1.9 U
4-Chlorophenyl phenyl ether	NC	NC	µg/L	1.9 U	1.9 U	1.9 U
4-Nitroaniline	5	NC	µg/L	1.9 U	1.9 U	1.9 U
4-Nitrophenol	NC	NC	µg/L	4.8 UJ	4.8 UJ	4.8 UJ
Acenaphthene	NC	20	µg/L	0.19 U	0.19 U	0.19 U
Acenaphthylene	NC	NC	µg/L	0.19 U	0.19 U	0.19 U
Acetophenone	NC	NC	µg/L	0.95 U	0.96 U	0.96 U
Anthracene	NC	50	µg/L	0.19 U	0.19 U	0.19 U
Atrazine	7.5	NC	µg/L	0.95 U	0.96 U	0.96 U
Benzaldehyde	NC	NC	µg/L	0.95 U	0.96 U	0.96 U
Benzo(a)anthracene	NC	0.002	µg/L	0.19 U	0.19 U	0.19 U
Benzo(a)pyrene	NC	NC	µg/L	0.19 U	0.19 U	0.19 U
Benzo(b)fluoranthene	NC	0.002	µg/L	0.19 U	0.19 U	0.19 U
Benzo(g,h,i)perylene	NC	NC	µg/L	0.19 U	0.19 U	0.19 U
Benzo(k)fluoranthene	NC	0.002	µg/L	0.19 U	0.19 U	0.19 U
Biphenyl (1,1-Biphenyl)	5	NC	µg/L	0.95 U	0.96 U	0.96 U
bis(2-Chloroethoxy)methane	5	NC	µg/L	0.95 U	0.96 U	0.96 U
bis(2-Chloroethyl)ether	1	NC	µg/L	0.95 U	0.96 U	0.96 U
bis(2-Ethylhexyl)phthalate (DEHP)	5	NC	µg/L	4.8 U	4.8 U	4.8 U
Butyl benzylphthalate (BBP)	NC	50	µg/L	1.9 U	1.9 U	1.9 U
Caprolactam	NC	NC	µg/L	4.8 U	4.8 U	4.8 U
Carbazole	NC	NC	µg/L	0.95 U	0.96 U	0.96 U
Chrysene	NC	0.002	µg/L	0.19 U	0.19 U	0.19 U
Dibenz(a,h)anthracene	NC	NC	µg/L	0.19 U	0.19 U	0.19 U
Dibenzofuran	NC	NC	µg/L	0.95 U	0.96 U	0.96 U
Diethyl phthalate	NC	50	µg/L	1.9 U	1.9 U	1.9 U
Semi-Volatile Organic Compounds-Continued						
Dimethyl phthalate	NC	50	µg/L	1.9 U	1.9 U	1.9 U
Di-n-butylphthalate (DBP)	50	NC	µg/L	4.8 U	4.8 U	4.8 U
Di-n-octyl phthalate (DnOP)	NC	50	µg/L	1.9 U	1.9 U	1.9 U
Fluoranthene	NC	50	µg/L	0.19 U	0.19 U	0.19 U
Fluorene	NC	50	µg/L	0.19 U	0.19 U	0.19 U

TABLE 4.4

ANALYTICAL RESULTS SUMMARY
2014 ANNUAL PERIODIC REVIEW REPORT
FORMER NL INDUSTRIES SITE
NYSDEC SITE NO. C915200
DEPEW, NEW YORK

			Sample Location:	***MW-101***	***MW-102***	***MW-102***
			Sample ID:	***WG-631110-090914-SG-001***	***WG-631110-090914-SG-003***	***WG-631110-090914-SG-005***
			Sample Date:	***9/9/2014***	***9/9/2014***	***9/9/2014 (Duplicate)***
	New York State Water Quality					
Parameters	***Standards a***	***Guidance Values b***	***Units***			
Hexachlorobenzene	0.04	NC	µg/L	0.19 U	0.19 U	0.19 U
Hexachlorobutadiene	0.5	NC	µg/L	0.95 U	0.96 U	0.96 U
Hexachlorocyclopentadiene	5	NC	µg/L	9.5 U	9.6 U	9.6 U
Hexachloroethane	5	NC	µg/L	0.95 U	0.96 U	0.96 U
Indeno(1,2,3-cd)pyrene	NC	0.002	µg/L	0.19 U	0.19 U	0.19 U
Isophorone	NC	50	µg/L	0.95 U	0.96 U	0.96 U
Naphthalene	NC	10	µg/L	0.19 U	0.19 U	0.19 U
Nitrobenzene	0.4	NC	µg/L	0.95 U	0.96 U	0.96 U
N-Nitrosodi-n-propylamine	NC	NC	µg/L	0.95 U	0.96 U	0.96 U
N-Nitrosodiphenylamine	NC	50	µg/L	0.95 U	0.96 U	0.96 U
Pentachlorophenol	1	NC	µg/L	4.8 UJ	4.8 UJ	4.8 UJ
Phenanthrene	NC	50	µg/L	0.19 U	0.19 U	0.19 U
Phenol	1	NC	µg/L	0.95 UJ	0.95 UJ	0.95 UJ
Pyrene	NC	50	µg/L	0.19 U	0.19 U	0.19 U
Metals						
Aluminum	NC	NC	µg/L	81	620	550
Antimony	3	NC	µg/L	2.0 U	2.0 U	2.0 U
Arsenic	25	NC	µg/L	2.0 J	2.3 J	1.8 J
Barium	1000	NC	µg/L	200	86	77
Beryllium	NC	3	µg/L	1.0 U	1.0 U	1.0 U
Cadmium	5	NC	µg/L	1.0 U	1.0 U	1.0 U
Calcium	NC	NC	µg/L	51000	65000	59000
Chromium	50	NC	µg/L	2.0 U	2.0 U	2.0 U
Cobalt	NC	NC	µg/L	0.95 J	0.88 J	0.70 J
Copper	200	NC	µg/L	38	4.1 U	3.7 U
Iron	300	NC	µg/L	160	2600	2200
Metals-Continued						
Lead	25	NC	µg/L	27	2.6	2.2
Magnesium	NC	35000	µg/L	76000	62000	57000
Manganese	300	NC	µg/L	220	130	120
Mercury	0.7	NC	µg/L	0.20 U	0.20 U	0.20 U
Nickel	100	NC	µg/L	2.0 U	2.0 U	2.0 U
Potassium	NC	NC	µg/L	2400	2900	2600
Selenium	10	NC	µg/L	5.0 U	0.40 J	5.0 U

TABLE 4.4

ANALYTICAL RESULTS SUMMARY
2014 ANNUAL PERIODIC REVIEW REPORT
FORMER NL INDUSTRIES SITE
NYSDEC SITE NO. C915200
DEPEW, NEW YORK

			Sample Location:	***MW-101***	***MW-102***	***MW-102***
			Sample ID:	***WG-631110-090914-SG-001***	***WG-631110-090914-SG-003***	***WG-631110-090914-SG-005***
			Sample Date:	***9/9/2014***	***9/9/2014***	***9/9/2014 (Duplicate)***
	New York State Water Quality					
Parameters	***Standards a***	***Guidance Values b***	***Units***			
Silver	50	NC	µg/L	0.041 J	0.015 J	0.019 J
Sodium	20000	NC	µg/L	83000	55000	49000
Thallium	NC	0.5	µg/L	2.0 U	2.0 U	2.0 U
Vanadium	NC	NC	µg/L	0.89 J	2.3 J	1.9 J
Zinc	NC	2000	µg/L	48 U	20 U	20 U

ANALYTICAL RESULTS SUMMARY
2014 ANNUAL PERIODIC REVIEW REPORT
FORMER NL INDUSTRIES SITE
NYSDEC SITE NO. C915200
DEPEW, NEW YORK

			Sample Location:	***MW-103***	***MW-104***	***MW-105***
			Sample ID:	***WG-631110-090914-DJT-008***	***WG-631110-090914-DJT-006***	***WG-631110-090914-SG-007***
			Sample Date:	***9/9/2014***	***9/9/2014***	***9/9/2014***
	New York State Water Quality					
Parameters	***Standards a***	***Guidance Values b***	***Units***			
Volatile Organic Compounds						
1,1,1-Trichloroethane	5	NC	µg/L	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	5	NC	µg/L	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	1	NC	µg/L	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	5	NC	µg/L	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	5	NC	µg/L	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	5	NC	µg/L	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	0.04	NC	µg/L	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	0.0006	NC	µg/L	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	3	NC	µg/L	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	0.6	NC	µg/L	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	1	NC	µg/L	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	3	NC	µg/L	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	3	NC	µg/L	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	NC	50	µg/L	10 U	10 U	10 U
2-Hexanone	NC	50	µg/L	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	NC	NC	µg/L	10 U	10 U	10 U
Acetone	NC	50	µg/L	10 U	10 U	10 U
Benzene	1	NC	µg/L	1.0 U	1.0 U	1.0 U
Bromodichloromethane	NC	50	µg/L	1.0 U	1.0 U	1.0 U
Bromoform	NC	50	µg/L	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	5	NC	µg/L	1.0 U	1.0 U	1.0 U
Carbon disulfide	60	60	µg/L	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	5	NC	µg/L	1.0 U	1.0 U	1.0 U
Chlorobenzene	5	NC	µg/L	1.0 U	1.0 U	1.0 U
Chloroethane	5	NC	µg/L	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	7	NC	µg/L	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	5	NC	µg/L	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	5	NC	µg/L	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	NC	NC	µg/L	1.0 U	1.0 U	1.0 U
Cyclohexane	NC	NC	µg/L	1.0 U	1.0 U	1.0 U
Dibromochloromethane	NC	50	µg/L	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	5	NC	µg/L	1.0 U	1.0 U	1.0 U
Volatile Organic Compounds-Continued						
Ethylbenzene	5	NC	µg/L	1.0 U	1.0 U	1.0 U

ANALYTICAL RESULTS SUMMARY
2014 ANNUAL PERIODIC REVIEW REPORT
FORMER NL INDUSTRIES SITE
NYSDEC SITE NO. C915200
DEPEW, NEW YORK

			Sample Location:	***MW-103***	***MW-104***	***MW-105***
			Sample ID:	***WG-631110-090914-DJT-008***	***WG-631110-090914-DJT-006***	***WG-631110-090914-SG-007***
			Sample Date:	***9/9/2014***	***9/9/2014***	***9/9/2014***
	New York State Water Quality					
Parameters	***Standards***	***Guidance Values***	***Units***			
	a	***b***				
Isopropyl benzene	5	NC	µg/L	1.0 U	1.0 U	1.0 U
Methyl acetate	NC	NC	µg/L	10 U	10 U	10 U
Methyl cyclohexane	NC	NC	µg/L	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	NC	10	µg/L	1.0 U	1.0 U	1.0 U
Methylene chloride	5	NC	µg/L	1.0 U	1.0 U	1.0 U
Styrene	5	NC	µg/L	1.0 U	1.0 U	1.0 U
Tetrachloroethene	5	NC	µg/L	1.0 U	1.0 U	1.0 U
Toluene	5	NC	µg/L	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	5	NC	µg/L	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	NC	NC	µg/L	1.0 U	1.0 U	1.0 U
Trichloroethene	5	NC	µg/L	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	5	NC	µg/L	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	5	NC	µg/L	1.0 U	1.0 U	1.0 U
Vinyl chloride	2	NC	µg/L	1.0 U	1.0 U	1.0 U
Xylenes (total)	NC	NC	µg/L	2.0 U	2.0 U	2.0 U
Semi-Volatile Organic Compounds						
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	5	NC	µg/L	0.96 U	0.96 U	0.96 U
2,4,5-Trichlorophenol	NC	NC	µg/L	4.8 UJ	4.8 UJ	4.8 UJ
2,4,6-Trichlorophenol	NC	NC	µg/L	4.8 UJ	4.8 UJ	4.8 UJ
2,4-Dichlorophenol	5	NC	µg/L	1.9 UJ	1.9 UJ	1.9 UJ
2,4-Dimethylphenol	NC	50	µg/L	1.9 U	1.9 U	1.9 U
2,4-Dinitrophenol	NC	10	µg/L	4.8 UJ	4.8 UJ	4.8 UJ
2,4-Dinitrotoluene	5	NC	µg/L	4.8 U	4.8 U	4.8 U
2,6-Dinitrotoluene	5	NC	µg/L	4.8 U	4.8 U	4.8 U
2-Chloronaphthalene	NC	10	µg/L	0.96 U	0.96 U	0.96 U
2-Chlorophenol	NC	NC	µg/L	0.96 UJ	0.96 UJ	0.96 UJ
2-Methylnaphthalene	NC	NC	µg/L	0.19 U	0.19 U	0.19 U
2-Methylphenol	NC	NC	µg/L	0.96 U	0.96 U	0.96 U
2-Nitroaniline	5	NC	µg/L	1.9 U	1.9 U	1.9 U
2-Nitrophenol	NC	NC	µg/L	1.9 UJ	1.9 UJ	1.9 UJ
Semi-Volatile Organic Compounds-Continued						
3&4-Methylphenol	5	NC	µg/L	1.9 UJ	1.9 UJ	1.9 UJ
3,3'-Dichlorobenzidine	5	NC	µg/L	4.8 U	4.8 U	4.8 U
3-Nitroaniline	NC	NC	µg/L	1.9 U	1.9 U	1.9 U

ANALYTICAL RESULTS SUMMARY
2014 ANNUAL PERIODIC REVIEW REPORT
FORMER NL INDUSTRIES SITE
NYSDEC SITE NO. C915200
DEPEW, NEW YORK

			Sample Location:	***MW-103***	***MW-104***	***MW-105***
			Sample ID:	***WG-631110-090914-DJT-008***	***WG-631110-090914-DJT-006***	***WG-631110-090914-SG-007***
			Sample Date:	***9/9/2014***	***9/9/2014***	***9/9/2014***
	New York State Water Quality					
Parameters	***Standards***	***Guidance Values***	***Units***			
	a	***b***				
4,6-Dinitro-2-methylphenol	NC	NC	µg/L	4.8 UJ	4.8 UJ	4.8 UJ
4-Bromophenyl phenyl ether	NC	NC	µg/L	1.9 U	1.9 U	1.9 U
4-Chloro-3-methylphenol	5	NC	µg/L	1.9 UJ	1.9 UJ	1.9 UJ
4-Chloroaniline	NC	NC	µg/L	1.9 U	1.9 U	1.9 U
4-Chlorophenyl phenyl ether	NC	NC	µg/L	1.9 U	1.9 U	1.9 U
4-Nitroaniline	5	NC	µg/L	1.9 U	1.9 U	1.9 U
4-Nitrophenol	NC	NC	µg/L	4.8 UJ	4.8 UJ	4.8 UJ
Acenaphthene	NC	20	µg/L	0.19 U	0.19 U	0.19 U
Acenaphthylene	NC	NC	µg/L	0.19 U	0.19 U	0.19 U
Acetophenone	NC	NC	µg/L	0.96 U	0.96 U	0.96 U
Anthracene	NC	50	µg/L	0.19 U	0.19 U	0.19 U
Atrazine	7.5	NC	µg/L	0.96 U	0.96 U	0.96 U
Benzaldehyde	NC	NC	µg/L	0.96 U	0.96 U	0.96 U
Benzo(a)anthracene	NC	0.002	µg/L	0.19 U	0.19 U	0.19 U
Benzo(a)pyrene	NC	NC	µg/L	0.19 U	0.19 U	0.19 U
Benzo(b)fluoranthene	NC	0.002	µg/L	0.19 U	0.19 U	0.19 U
Benzo(g,h,i)perylene	NC	NC	µg/L	0.19 U	0.19 U	0.19 U
Benzo(k)fluoranthene	NC	0.002	µg/L	0.19 U	0.19 U	0.19 U
Biphenyl (1,1-Biphenyl)	5	NC	µg/L	0.96 U	0.96 U	0.96 U
bis(2-Chloroethoxy)methane	5	NC	µg/L	0.96 U	0.96 U	0.96 U
bis(2-Chloroethyl)ether	1	NC	µg/L	0.96 U	0.96 U	0.96 U
bis(2-Ethylhexyl)phthalate (DEHP)	5	NC	µg/L	4.8 U	4.8 U	4.8 U
Butyl benzylphthalate (BBP)	NC	50	µg/L	1.9 U	1.9 U	1.9 U
Caprolactam	NC	NC	µg/L	4.8 U	4.8 U	4.8 U
Carbazole	NC	NC	µg/L	0.96 U	0.96 U	0.96 U
Chrysene	NC	0.002	µg/L	0.19 U	0.19 U	0.19 U
Dibenz(a,h)anthracene	NC	NC	µg/L	0.19 U	0.19 U	0.19 U
Dibenzofuran	NC	NC	µg/L	0.96 U	0.96 U	0.96 U
Diethyl phthalate	NC	50	µg/L	1.9 U	1.9 U	1.9 U
Semi-Volatile Organic Compounds-Continued						
Dimethyl phthalate	NC	50	µg/L	1.9 U	1.9 U	1.9 U
Di-n-butylphthalate (DBP)	50	NC	µg/L	4.8 U	4.8 U	4.8 U
Di-n-octyl phthalate (DnOP)	NC	50	µg/L	1.9 U	1.9 U	1.9 U
Fluoranthene	NC	50	µg/L	0.19 U	0.19 U	0.19 U
Fluorene	NC	50	µg/L	0.19 U	0.19 U	0.19 U

TABLE 4.4

ANALYTICAL RESULTS SUMMARY
2014 ANNUAL PERIODIC REVIEW REPORT
FORMER NL INDUSTRIES SITE
NYSDEC SITE NO. C915200
DEPEW, NEW YORK

				Sample Location:	*MW-103*	*MW-104*	*MW-105*
				Sample ID:	*WG-631110-090914-DJT-008*	*WG-631110-090914-DJT-006*	*WG-631110-090914-SG-007*
				Sample Date:	*9/9/2014*	*9/9/2014*	*9/9/2014*
	New York State Water Quality						
Parameters	***Standards***	***Guidance Values***	***Units***				
	a	***b***					
Hexachlorobenzene	0.04	NC	µg/L		0.19 U	0.19 U	0.19 U
Hexachlorobutadiene	0.5	NC	µg/L		0.96 U	0.96 U	0.96 U
Hexachlorocyclopentadiene	5	NC	µg/L		9.6 U	9.6 U	9.6 U
Hexachloroethane	5	NC	µg/L		0.96 U	0.96 U	0.96 U
Indeno(1,2,3-cd)pyrene	NC	0.002	µg/L		0.19 U	0.19 U	0.19 U
Isophorone	NC	50	µg/L		0.96 U	0.96 U	0.96 U
Naphthalene	NC	10	µg/L		0.19 U	0.19 U	0.19 U
Nitrobenzene	0.4	NC	µg/L		0.96 U	0.96 U	0.96 U
N-Nitrosodi-n-propylamine	NC	NC	µg/L		0.96 U	0.96 U	0.96 U
N-Nitrosodiphenylamine	NC	50	µg/L		0.96 U	0.96 U	0.96 U
Pentachlorophenol	1	NC	µg/L		4.8 UJ	4.8 UJ	4.8 UJ
Phenanthrene	NC	50	µg/L		0.19 U	0.19 U	0.19 U
Phenol	1	NC	µg/L		0.96 UJ	0.96 UJ	0.96 UJ
Pyrene	NC	50	µg/L		0.19 U	0.19 U	0.19 U
Metals							
Aluminum	NC	NC	µg/L		23 J	26 J	40 J
Antimony	3	NC	µg/L		2.0 U	2.0 U	2.0 U
Arsenic	25	NC	µg/L		2.2 J	11	5.0 U
Barium	1000	NC	µg/L		120	39	160
Beryllium	NC	3	µg/L		1.0 U	1.0 U	1.0 U
Cadmium	5	NC	µg/L		1.0 U	1.0 U	1.0 U
Calcium	NC	NC	µg/L		130000	77000	47000
Chromium	50	NC	µg/L		2.0 U	2.0 U	2.0 U
Cobalt	NC	NC	µg/L		0.53 J	1.0 U	1.0 U
Copper	200	NC	µg/L		6.0	2.0 U	2.0 U
Iron	300	NC	µg/L		690	560	960
Metals-Continued							
Lead	25	NC	µg/L		3.6	1.0 U	1.0 U
Magnesium	NC	35000	µg/L		97000	97000	67000
Manganese	300	NC	µg/L		50	17	29
Mercury	0.7	NC	µg/L		0.20 U	0.20 U	0.20 U
Nickel	100	NC	µg/L		2.0 U	2.0 U	2.0 U
Potassium	NC	NC	µg/L		3600	1900	3700
Selenium	10	NC	µg/L		5.0 U	5.0 U	5.0 U

TABLE 4.4

ANALYTICAL RESULTS SUMMARY
2014 ANNUAL PERIODIC REVIEW REPORT
FORMER NL INDUSTRIES SITE
NYSDEC SITE NO. C915200
DEPEW, NEW YORK

			Sample Location:	***MW-103***	***MW-104***	***MW-105***
			Sample ID:	***WG-631110-090914-DJT-008***	***WG-631110-090914-DJT-006***	***WG-631110-090914-SG-007***
			Sample Date:	***9/9/2014***	***9/9/2014***	***9/9/2014***
	New York State Water Quality					
Parameters	***Standards a***	***Guidance Values b***	***Units***			
Silver	50	NC	µg/L	1.0 U	1.0 U	1.0 U
Sodium	20000	NC	µg/L	150000	62000	54000
Thallium	NC	0.5	µg/L	2.0 U	2.0 U	2.0 U
Vanadium	NC	NC	µg/L	5.0 U	5.0 U	5.0 U
Zinc	NC	2000	µg/L	20 U	20 U	20 U

TABLE 4.4

ANALYTICAL RESULTS SUMMARY
2014 ANNUAL PERIODIC REVIEW REPORT
FORMER NL INDUSTRIES SITE
NYSDEC SITE NO. C915200
DEPEW, NEW YORK

			Sample Location:	***MW-106F***
			Sample ID:	***WG-631110-090914-DJT-004***
			Sample Date:	***9/9/2014***
	New York State Water Quality			
Parameters	***Standards a***	***Guidance Values b***	***Units***	
Volatile Organic Compounds				
1,1,1-Trichloroethane	5	NC	µg/L	1.0 U
1,1,2,2-Tetrachloroethane	5	NC	µg/L	1.0 U
1,1,2-Trichloroethane	1	NC	µg/L	1.0 U
1,1-Dichloroethane	5	NC	µg/L	1.0 U
1,1-Dichloroethene	5	NC	µg/L	1.0 U
1,2,4-Trichlorobenzene	5	NC	µg/L	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	0.04	NC	µg/L	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	0.0006	NC	µg/L	1.0 U
1,2-Dichlorobenzene	3	NC	µg/L	1.0 U
1,2-Dichloroethane	0.6	NC	µg/L	1.0 U
1,2-Dichloropropane	1	NC	µg/L	1.0 U
1,3-Dichlorobenzene	3	NC	µg/L	1.0 U
1,4-Dichlorobenzene	3	NC	µg/L	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	NC	50	µg/L	10 U
2-Hexanone	NC	50	µg/L	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	NC	NC	µg/L	10 U
Acetone	NC	50	µg/L	10 U
Benzene	1	NC	µg/L	1.0 U
Bromodichloromethane	NC	50	µg/L	1.0 U
Bromoform	NC	50	µg/L	1.0 U
Bromomethane (Methyl bromide)	5	NC	µg/L	1.0 U
Carbon disulfide	60	60	µg/L	1.0 U
Carbon tetrachloride	5	NC	µg/L	1.0 U
Chlorobenzene	5	NC	µg/L	1.0 U
Chloroethane	5	NC	µg/L	1.0 U
Chloroform (Trichloromethane)	7	NC	µg/L	1.0 U
Chloromethane (Methyl chloride)	5	NC	µg/L	1.0 U
cis-1,2-Dichloroethene	5	NC	µg/L	1.0 U
cis-1,3-Dichloropropene	NC	NC	µg/L	1.0 U
Cyclohexane	NC	NC	µg/L	1.0 U
Dibromochloromethane	NC	50	µg/L	1.0 U
Dichlorodifluoromethane (CFC-12)	5	NC	µg/L	1.0 U
Volatile Organic Compounds-Continued				
Ethylbenzene	5	NC	µg/L	1.0 U

ANALYTICAL RESULTS SUMMARY
2014 ANNUAL PERIODIC REVIEW REPORT
FORMER NL INDUSTRIES SITE
NYSDEC SITE NO. C915200
DEPEW, NEW YORK

			Sample Location:	MW-106F
			Sample ID:	WG-631110-090914-DJT-004
			Sample Date:	9/9/2014
	New York State Water Quality			
Parameters	***Standards***	***Guidance Values***	***Units***	
	a	***b***		
Isopropyl benzene	5	NC	µg/L	1.0 U
Methyl acetate	NC	NC	µg/L	10 U
Methyl cyclohexane	NC	NC	µg/L	1.0 U
Methyl tert butyl ether (MTBE)	NC	10	µg/L	1.0 U
Methylene chloride	5	NC	µg/L	0.37 J
Styrene	5	NC	µg/L	1.0 U
Tetrachloroethene	5	NC	µg/L	1.0 U
Toluene	5	NC	µg/L	1.0 U
trans-1,2-Dichloroethene	5	NC	µg/L	1.0 U
trans-1,3-Dichloropropene	NC	NC	µg/L	1.0 U
Trichloroethene	5	NC	µg/L	2.2
Trichlorofluoromethane (CFC-11)	5	NC	µg/L	1.0 U
Trifluorotrichloroethane (Freon 113)	5	NC	µg/L	1.0 U
Vinyl chloride	2	NC	µg/L	1.0 U
Xylenes (total)	NC	NC	µg/L	2.0 U
Semi-Volatile Organic Compounds				
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	5	NC	µg/L	0.96 U
2,4,5-Trichlorophenol	NC	NC	µg/L	4.8 UJ
2,4,6-Trichlorophenol	NC	NC	µg/L	4.8 UJ
2,4-Dichlorophenol	5	NC	µg/L	1.9 UJ
2,4-Dimethylphenol	NC	50	µg/L	1.9 U
2,4-Dinitrophenol	NC	10	µg/L	4.8 UJ
2,4-Dinitrotoluene	5	NC	µg/L	4.8 U
2,6-Dinitrotoluene	5	NC	µg/L	4.8 U
2-Chloronaphthalene	NC	10	µg/L	0.96 U
2-Chlorophenol	NC	NC	µg/L	0.96 UJ
2-Methylnaphthalene	NC	NC	µg/L	0.19 U
2-Methylphenol	NC	NC	µg/L	0.96 U
2-Nitroaniline	5	NC	µg/L	1.9 U
2-Nitrophenol	NC	NC	µg/L	1.9 UJ
Semi-Volatile Organic Compounds-Continued				
3&4-Methylphenol	5	NC	µg/L	1.9 UJ
3,3'-Dichlorobenzidine	5	NC	µg/L	4.8 U
3-Nitroaniline	NC	NC	µg/L	1.9 U

ANALYTICAL RESULTS SUMMARY
2014 ANNUAL PERIODIC REVIEW REPORT
FORMER NL INDUSTRIES SITE
NYSDEC SITE NO. C915200
DEPEW, NEW YORK

			Sample Location:	***MW-106F***
			Sample ID:	***WG-631110-090914-DJT-004***
			Sample Date:	***9/9/2014***
	New York State Water Quality			
Parameters	***Standards a***	***Guidance Values b***	***Units***	
4,6-Dinitro-2-methylphenol	NC	NC	µg/L	4.8 UJ
4-Bromophenyl phenyl ether	NC	NC	µg/L	1.9 U
4-Chloro-3-methylphenol	5	NC	µg/L	1.9 UJ
4-Chloroaniline	NC	NC	µg/L	1.9 U
4-Chlorophenyl phenyl ether	NC	NC	µg/L	1.9 U
4-Nitroaniline	5	NC	µg/L	1.9 U
4-Nitrophenol	NC	NC	µg/L	4.8 UJ
Acenaphthene	NC	20	µg/L	0.19 U
Acenaphthylene	NC	NC	µg/L	0.19 U
Acetophenone	NC	NC	µg/L	0.96 U
Anthracene	NC	50	µg/L	0.19 U
Atrazine	7.5	NC	µg/L	0.96 U
Benzaldehyde	NC	NC	µg/L	0.96 U
Benzo(a)anthracene	NC	0.002	µg/L	0.19 U
Benzo(a)pyrene	NC	NC	µg/L	0.19 U
Benzo(b)fluoranthene	NC	0.002	µg/L	0.19 U
Benzo(g,h,i)perylene	NC	NC	µg/L	0.19 U
Benzo(k)fluoranthene	NC	0.002	µg/L	0.19 U
Biphenyl (1,1-Biphenyl)	5	NC	µg/L	0.96 U
bis(2-Chloroethoxy)methane	5	NC	µg/L	0.96 U
bis(2-Chloroethyl)ether	1	NC	µg/L	0.96 U
bis(2-Ethylhexyl)phthalate (DEHP)	5	NC	µg/L	4.8 U
Butyl benzylphthalate (BBP)	NC	50	µg/L	1.9 U
Caprolactam	NC	NC	µg/L	4.8 U
Carbazole	NC	NC	µg/L	0.96 U
Chrysene	NC	0.002	µg/L	0.19 U
Dibenz(a,h)anthracene	NC	NC	µg/L	0.19 U
Dibenzofuran	NC	NC	µg/L	0.96 U
Diethyl phthalate	NC	50	µg/L	1.9 U
Semi-Volatile Organic Compounds-Continued				
Dimethyl phthalate	NC	50	µg/L	1.9 U
Di-n-butylphthalate (DBP)	50	NC	µg/L	4.8 U
Di-n-octyl phthalate (DnOP)	NC	50	µg/L	1.9 U
Fluoranthene	NC	50	µg/L	0.19 U
Fluorene	NC	50	µg/L	0.19 U

TABLE 4.4

ANALYTICAL RESULTS SUMMARY
2014 ANNUAL PERIODIC REVIEW REPORT
FORMER NL INDUSTRIES SITE
NYSDEC SITE NO. C915200
DEPEW, NEW YORK

			Sample Location:	***MW-106F***
			Sample ID:	***WG-631110-090914-DJT-004***
			Sample Date:	***9/9/2014***
	New York State Water Quality			
Parameters	***Standards***	***Guidance Values***	***Units***	
	a	***b***		
Hexachlorobenzene	0.04	NC	µg/L	0.19 U
Hexachlorobutadiene	0.5	NC	µg/L	0.96 U
Hexachlorocyclopentadiene	5	NC	µg/L	9.6 U
Hexachloroethane	5	NC	µg/L	0.96 U
Indeno(1,2,3-cd)pyrene	NC	0.002	µg/L	0.19 U
Isophorone	NC	50	µg/L	0.96 U
Naphthalene	NC	10	µg/L	0.19 U
Nitrobenzene	0.4	NC	µg/L	0.96 U
N-Nitrosodi-n-propylamine	NC	NC	µg/L	0.96 U
N-Nitrosodiphenylamine	NC	50	µg/L	0.96 U
Pentachlorophenol	1	NC	µg/L	4.8 UJ
Phenanthrene	NC	50	µg/L	0.19 U
Phenol	1	NC	µg/L	0.96 UJ
Pyrene	NC	50	µg/L	0.19 U
Metals				
Aluminum	NC	NC	µg/L	240
Antimony	3	NC	µg/L	2.0 U
Arsenic	25	NC	µg/L	5.0 U
Barium	1000	NC	µg/L	180
Beryllium	NC	3	µg/L	1.0 U
Cadmium	5	NC	µg/L	1.0 U
Calcium	NC	NC	µg/L	84000
Chromium	50	NC	µg/L	2.0 U
Cobalt	NC	NC	µg/L	1.0 U
Copper	200	NC	µg/L	9.2
Iron	300	NC	µg/L	270
Metals-Continued				
Lead	25	NC	µg/L	8.9
Magnesium	NC	35000	µg/L	87000
Manganese	300	NC	µg/L	37
Mercury	0.7	NC	µg/L	0.20 U
Nickel	100	NC	µg/L	2.0 U
Potassium	NC	NC	µg/L	1100
Selenium	10	NC	µg/L	0.34 J

TABLE 4.4

ANALYTICAL RESULTS SUMMARY
2014 ANNUAL PERIODIC REVIEW REPORT
FORMER NL INDUSTRIES SITE
NYSDEC SITE NO. C915200
DEPEW, NEW YORK

			Sample Location:	***MW-106F***
			Sample ID:	***WG-631110-090914-DJT-004***
			Sample Date:	***9/9/2014***
	New York State Water Quality			
Parameters	***Standards a***	***Guidance Values b***	***Units***	
Silver	50	NC	µg/L	0.016 J
Sodium	20000	NC	µg/L	89000
Thallium	NC	0.5	µg/L	2.0 U
Vanadium	NC	NC	µg/L	1.0 J
Zinc	NC	2000	µg/L	20 U

Appendix A

Site Inspection Form

Site Inspection Form

Former N.L. Industries
3241 Walden Avenue
Depew, NY

Name of Inspector: KATHERINE GALANTI
Date of Inspection: 9/19/14

The purpose of this inspection is to monitor the overall integrity of the containment cell, the site wide paving and the building foundation. Please take photographs from all four sides of the containment cell cap, as well as the asphalt pavement and building foundation to document the existing conditions of the consolidated soil area, erosion control technologies in place, and the immediate surrounding area each week. Please fill out the following inspection items. If at any time impacted fill material has been exposed, please notify the Project Manager listed in the SMP immediately.

Monitoring Well Network

Condition of Monitoring Wells

	Good	Fair	Needs Repair	Details
MW-101	☑	☐	☐	
MW-102	☑	☐	☐	
MW-103	☑	☐	☐	
MW-104	☑	☐	☐	
MW-105	☑	☐	☐	
MW-106	☐	☐	☑	CASING DAMAGED, COVER MISSING. J-PLUG: RISER INTACT
~~MW-99-01~~	☐	☐	☐	

Asphalt Only Cover System

Are there any obvious areas of damage to the asphalt in the trucking yard?

YES ☐ NO ☑ If yes, please describe _____

Site Inspection Form

Former N.L. Industries
3241 Walden Avenue
Depew, NY

Asphalt Only Cover System

Are there any obvious areas of damage to the asphalt in the parking lot?

YES ☐ NO ☑ If yes, please describe _____

_____

_____

Are there any obvious areas of damage to the asphalt in the former rail siding area?

YES ☐ NO ☑ If yes, please describe _____

_____

_____

Building and Apron Concrete Cover System

Are there any obvious areas of damage to the building's foundations?

YES ☐ NO ☑ If yes, please describe _____

_____

_____

Are there any obvious areas of damage to any concrete pads?

YES ☐ NO ☑ If yes, please describe _____

_____

_____

GCL and Soil Cover System

Are there any signs of soil run-off or erosion on the sides of the containment cell?

YES ☐ NO ☑ If yes, please describe _____

_____

_____

Site Inspection Form

Former N.L. Industries
3241 Walden Avenue
Depew, NY

GCL and Soil Cover System

Are there any areas of exposed GCL?

YES ☐ NO ☑ If yes, please describe _____

_____

_____

Has the grass appeared to have been mowed at a regular basis during the previous growing season?

YES ☑ NO ☐ If yes, please describe _____

_____

_____

Are there any woody types plants growing within the this Cover System?

YES ☐ NO ☑ If yes, please describe _____

_____

_____

GCL and Asphalt Cover System

Are there any obvious areas of damage to the asphalt within this cover system?

YES ☐ NO ☑ If yes, please describe _____

_____

_____

Are there any obvious signs of cracking within this cover system?

YES ☐ NO ☑ If yes, please describe _____

_____

_____

Site Inspection Form

Former N.L. Industries
3241 Walden Avenue
Depew, NY

Pond

Is there standing water in the retention pond?

YES ☑ NO ☐ If yes, approximately how much? 3-4" Below outlet (~8-9" WATER IN POND)

Is there any debris within the retention pond?

YES ☑ NO ☐ If yes, please describe PHRAGMITES EXTENDING TO NORTH - SHOULD BE CLEANED

Is the inlet and outlet of the retention pond free of debris?

YES ☐ NO ☑ If no, please describe PHRAGMITES BEGINNING TO GROW AROUND OUTLET PIPES

Is there any sign of erosion along the banks of the retention pond?

YES ☐ NO ☑ If yes, please describe _____

Vegetatives

Is there any sign of distress, disease or die off of the vegetatives associated with the cover systems?

YES ☐ NO ☑ If yes, please describe _____

Site Inspection Form

Former N.L. Industries
3241 Walden Avenue
Depew, NY

Fencing

Is there signs of damage to the fencing around the retention pond or within the area of the environmental easement?

YES ☐ NO ☑ If yes, describe location and extent of damage

Is there signs of frost heaving within the supports of the fencing?

YES ☐ NO ☑ If yes, please describe

Is the chain link still attached to support poles at all locations around the retention pond or within the area of the environmental easement?

YES ☑ NO ☐ If no, please describe

Is there any sign of erosion along the banks of the retention pond?

YES ☐ NO ☑ If yes, please describe

Please describe any changes to the overall area since the last inspection

PLANT GROWTH WITHIN POND HAS EXTENDED TO NORTH TO OUTLET PIPES.
CASING @ MW-106F IS DAMAGED & LID IS MISSING.

Appendix B

Photographs

CONESTOGA-ROVERS & ASSOCIATES

285 Delaware Avenue., Suite 500
Buffalo, New York 14202
Telephone: (716) 856-2142 Fax: (716) 856-2160
www.CRAworld.com

Photo 1 – Parking lot looking west along north side of office.

Photo 2 – Parking lot looking south.

Photo 3 – Building Apron Concrete System looking west-southwest across MW-103.

Photo 4 – Building Apron Concrete System looking south.

Photo 5 – Former Rail Siding looking west.

Photo 6 – Trucking Yard looking northeast.

Photo 7 – Trucking Yard looking north.

Photo 8 – GCL and Asphalt Cover System looking north across east slope.

Photo 9 – GCL and Soil Cover System looking east along north slope.

Photo 10 – GCL and Soil Cover System looking south along west slope.

Photo 11 – GCL and Soil Cover System looking east along south slope.

Photo 12 – South end of retention pond enclosure showing phragmites growth.

Photo 13 – North end of retention pond looking west.

Photo 14 – Retention pond looking southwest across outlet pipes in northeast corner.

Photo 15 – GCL and Asphalt Cover System looking east across cap.

Photo 16 – GCL and Asphalt Cover System looking southwest across cap.

Photo 17 – Looking west from top of cap across retention pond and vegetative cover.

Photo 18 – Damaged casing at MW-106F.

Appendix C

Groundwater Monitoring Field Forms

SAMPLE ID# WG-631110-090914-SG-001 SAMPLE TIME 0955

CofC # 40940

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

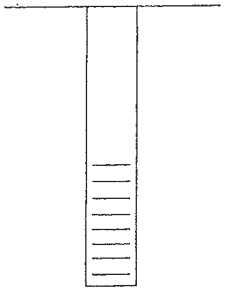
Project Name: CASCADE PAPER
Ref. No.: 631110

Date: 9/9/14
Personnel: SG

Monitoring Well Data:

Well No.: MW-101
Vapour PID (ppm):
Measurement Point:
Constructed Well Depth (m/ft):
Measured Well Depth (m/ft): 26.83
Depth of Sediment (m/ft):

Saturated Screen Length (m/ft):
Depth to Pump Intake (m/ft)[1]:
Well Diameter, D (cm/in):
Well Screen Volume, V_s (L)[2]:
Initial Depth to Water (m/ft): 1.20



Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level[3] (m/ft)	Temperature °C	Conductivity (mS/cm)	Turbidity NTU	DO (mg/L)	pH	ORP (mV)	Volume Purged, Vp (L)	No. of Well Screen Volumes Purged[4]
Precision Required[5]:				*±3 %*	*±0.005 or 0.01[5]*	*±10 %*	*±10 %*	*±0.1 Units*	*±10 mV*		
0928	96	3.18	1.98	18.40	1.19	6.4	9.91	6.41	73		
0933		3.77	2.57	18.07	1.20	7.75	6.15	6.42	90		
0938	96	4.64	3.44	17.90	1.18	6.45	5.84	6.42	86		
0943		5.29	4.09	17.88	1.18	6.31	5.52	6.44	65		
0948		5.81	4.61	17.71	1.19	5.43	5.23	6.46	72		
0953	94	6.38	5.18	17.68	1.18	4.62	5.01	6.47	70		

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2 ft) above any sediment accumulated at the well bottom.

(2) The well screen volume will be based on a 1.52 metres (5-foot) screen length (L). For metric units, $V_s=\pi*(r^2)*L$ in mL, where r (r=D/2) and L are in cm. For Imperial units, $V_s=\pi*(r^2)*L*(2.54)^3$, where r and L are in inches

(3) The drawdown from the initial water level should not exceed 0.1 m (0.3 ft). The pumping rate should not exceed 600 mL/min.

(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged= Vp/Vs.

(5) For conductivity, the average value of three readings <1 mS/cm ±0.005 mS/cm or where conductivity >1 mS/cm ±0.01 mS/cm.

INST CONTROL #S
HORIBA-NFO4389
W/L METER - NFO6118
TURBIDIMETER - NFO5041

START PURGE @ 0921

BLIND DUPLICATE - WG-631110-090914-005

SAMPLE TIME 1110

SAMPLE ID # WG-631110-090914-SG-003

SAMPLE TIME 1110

MONITORING WELL RECORD FOR LOW-FLOW PURGING

DUP

Project Data:

Project Name: CASCADE PAPER

Ref. No.: 631110

Date: 9/9/14

Personnel: SG

Monitoring Well Data:

Well No.: MW-102

Vapour PID (ppm):

Measurement Point:

Constructed Well Depth (m/ft):

Measured Well Depth (m/ft): 24.50

Depth of Sediment (m/ft):

Saturated Screen Length (m/ft):

Depth to Pump Intake (m/ft)[1]:

Well Diameter, D (cm/in):

Well Screen Volume, V_s (L)[2]:

Initial Depth to Water (m/ft): 2.47

CofC# 40940

Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level (m/ft)	Temperature °C	Conductivity (mS/cm)	Turbidity NTU	DO (mg/L)	pH	ORP (mV)	Volume Purged, Vp (L)	No. of Well Screen Volumes Purged
Precision Required[5]:				*±3 %*	*±0.005 or 0.01[6]*	*±10 %*	*±10 %*	*±0.1 Units*	*±10 mV*		
1050	100	3.51	1.04	18.18	1.30	3.62	7.15	6.54	-115		
1055		3.97	1.50	17.70	1.30	2.33	5.84	6.54	-119		
1100		4.49	2.02	17.78	1.28	2.95	5.38	6.48	-123		
1105	100	4.90	2.43	17.71	1.29	2.27	5.29	6.47	-126		

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2 ft) above any sediment accumulated at the well bottom.

(2) The well screen volume will be based on a 1.52 metres (5-foot) screen length (L). For metric units, $V_s=\pi*(r^2)*L$ in mL, where r (r=D/2) and L are in cm. For Imperial units, $V_s=\pi*(r^2)*L*(2.54)^3$, where r and L are in inches

(3) The drawdown from the initial water level should not exceed 0.1 m (0.3 ft). The pumping rate should not exceed 600 mL/min.

(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged= Vp/Vs.

(5) For conductivity, the average value of three readings <1 mS/cm ±0.005 mS/cm or where conductivity >1 mS/cm ±0.01 mS/cm.

INST CONTROL #'S
HORIBA - NFO4389
W/L METER - NFO0118
TURBIDIMETER - NFO5041

START PURGE @ 1043

Dave Tynan

Sample ID WG-631110-090914-DJT-008 Time 1120

MONITORING WELL RECORD FOR LOW-FLOW PURGING

C of C #

Project Data:

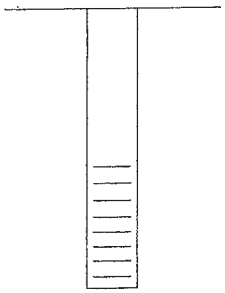
Project Name: Cascade Paper
Ref. No.: 631110

Date: 9.9.14
Personnel: DJT

Monitoring Well Data:

Well No.: MW 103
Vapour PID (ppm):
Measurement Point:
Constructed Well Depth (m/ft):
Measured Well Depth (m/ft): 26.66
Depth of Sediment (m/ft):

Saturated Screen Length (m/ft):
Depth to Pump Intake (m/ft)[1]:
Well Diameter, D (cm/in):
Well Screen Volume, V_s (L)[2]:
Initial Depth to Water (m/ft): 5.12



Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level[3] (m/ft)	Temperature °C	Conductivity (mS/cm)	Turbidity NTU	DO (mg/L)	pH	ORP (mV)	Volume Purged, Vp (L)	No. of Well Screen Volumes Purged[4]
Precision Required[5]:				*±3 %*	*±0.005 or 0.01[6]*	*±10 %*	*±10 %*	*±0.1 Units*	*±10 mV*		
1109	100			18.18	2.07	2.98	6.10	7.11	-48		
1114		7.71	2.59	18.21	2.06	3.83	6.55	7.10	-51		
1119				18.37	2.05	3.29	6.40	7.10	-54		

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2 ft) above any sediment accumulated at the well bottom.
(2) The well screen volume will be based on a 1.52 metres (5-foot) screen length (L). For metric units, $V_s=\pi*(r^2)*L$ in mL, where r (r=D/2) and L are in cm. For Imperial units, $V_s=\pi*(r^2)*L*(2.54)^3$, where r and L are in inches
(3) The drawdown from the initial water level should not exceed 0.1 m (0.3 ft). The pumping rate should not exceed 600 mL/min.
(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged= Vp/Vs.
(5) For conductivity, the average value of three readings <1 mS/cm ±0.005 mS/cm or where conductivity >1 mS/cm ±0.01 mS/cm.

Inst Control #'s
W/L Meter NF07182
Horiba NF06155
Turb NF05040

Start Purge @ 1051

Dan J Tyson

Sample ID WG-631110-090914-DST-006 Time 1025

MONITORING WELL RECORD FOR LOW-FLOW PURGING

CofC # 40940

Project Data:

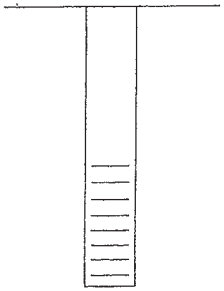
Project Name: Cascade Paper
Ref. No.:

Date: 9-9-14
Personnel: DST

Monitoring Well Data:

Well No.: MW-104
Vapour PID (ppm):
Measurement Point:
Constructed Well Depth (m/ft):
Measured Well Depth (m/ft): 26.46
Depth of Sediment (m/ft):

Saturated Screen Length (m/ft):
Depth to Pump Intake (m/ft)[1]:
Well Diameter, D (cm/in):
Well Screen Volume, V_s (L)[2]:
Initial Depth to Water (m/ft): 5.69



Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level[3] (m/ft)	Temperature °C	Conductivity (mS/cm)	Turbidity NTU	DO (mg/L)	pH	ORP (mV)	Volume Purged, Vp (L)	No. of Well Screen Volumes Purged[4]
Precision Required[5]:				*±3 %*	*±0.005 or 0.01[6]*	*±10 %*	*±10 %*	*±0.1 Units*	*±10 mV*		
1012		7.30	1.61	18.76	1.33	3.39	3.89	7.36	-54		
1017	72			18.68	1.34 2.24	~~3.53~~ DST	3.53	7.39	-65		
1022				18.77	1.33	1.54	3.39	7.41	-75		
~~1027~~ DST					~~1.34~~ DST			~~7.44~~ DST			

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2 ft) above any sediment accumulated at the well bottom.

(2) The well screen volume will be based on a 1.52 metres (5-foot) screen length (L). For metric units, $V_s=\pi*(r^2)*L$ in mL, where r (r=D/2) and L are in cm. For Imperial units, $V_s=\pi*(r^2)*L*(2.54)^4$, where r and L are in inches

(3) The drawdown from the initial water level should not exceed 0.1 m (0.3 ft). The pumping rate should not exceed 600 mL/min.

(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged= Vp/Vs.

(5) For conductivity, the average value of three readings <1 mS/cm ±0.005 mS/cm or where conductivity >1 mS/cm ±0.01 mS/cm.

Inst. control #'s
W/L Meter NFO 7581
Horiba NF 06155
Turb. NF 05040

Start Purge @ 0958

Dan J Tyan

SAMPLE ID# WG-631110-090914-SG-007 SAMPLE TIME 1250

MONITORING WELL RECORD FOR LOW-FLOW PURGING

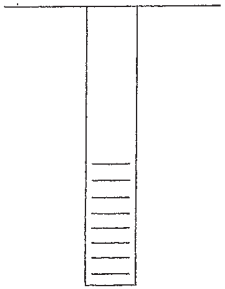
CoFC # 40940

Project Data:

Project Name: CASCADE PAPER
Ref. No.: 631110
Date: 9/9/14
Personnel: SG

Monitoring Well Data:

Well No.: MW-105
Vapour PID (ppm):
Measurement Point:
Constructed Well Depth (m/ft):
Measured Well Depth (m/ft): 24.30
Depth of Sediment (m/ft): 0.5
Saturated Screen Length (m/ft):
Depth to Pump Intake (m/ft)[1]:
Well Diameter, D (cm/in):
Well Screen Volume, V_s (L)[2]:
Initial Depth to Water (m/ft): 8.32



Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level[3] (m/ft)	Temperature °C	Conductivity (mS/cm)	Turbidity NTU	DO (mg/L)	pH	ORP (mV)	Volume Purged, Vp (L)	No. of Well Screen Volumes Purged[4]
Precision Required[5]:				±3 %	±0.005 or 0.01[6]	±10 %	±10 %	±0.1 Units	±10 mV		
1230		9.33	1.01	14.81	1.03	131	6.95	7.73	-120		
1235	108			14.66	1.02	55.7	4.93	7.71	-133		
1240		9.81	1.49	14.69	1.01	18.2	4.38	7.71	-137		
1245				14.45	1.01	8.33	4.14	7.71	-140		

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2 ft) above any sediment accumulated at the well bottom.
(2) The well screen volume will be based on a 1.52 metres (5-foot) screen length (L). For metric units, $V_s=\pi*(r^2)*L$ in mL, where r (r=D/2) and L are in cm. For Imperial units, $V_s=\pi*(r^2)*L*(2.54)^3$, where r and L are in inches
(3) The drawdown from the initial water level should not exceed 0.1 m (0.3 ft). The pumping rate should not exceed 600 mL/min.
(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged= Vp/Vs.
(5) For conductivity, the average value of three readings <1 mS/cm ±0.005 mS/cm or where conductivity >1 mS/cm ±0.01 mS/cm.

INST CONTROL #S
HORIBA - NF04389
W/L METER - NF06118
TURBIDIMETER - NF05041

START PURGE @ 1223

Sample ID WG-631110-090914-DST-004 Time 0955

CofC # 40940

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

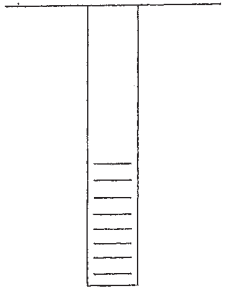
Project Name: Cascade Paper
Ref. No.: 631110

Date: 9.9.14
Personnel: DST

Monitoring Well Data:

Well No.: MW106F
Vapour PID (ppm):
Measurement Point:
Constructed Well Depth (m/ft):
Measured Well Depth (m/ft): 10.28
Depth of Sediment (m/ft):

Saturated Screen Length (m/ft):
Depth to Pump Intake (m/ft)[1]:
Well Diameter, D (cm/in):
Well Screen Volume, V_s (L)[2]:
Initial Depth to Water (m/ft): 4.82



Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level (m/ft)	Temperature °C	Conductivity (mS/cm)	Turbidity NTU	DO (mg/L)	pH	ORP (mV)	Volume Purged, Vp (L)	No. of Well Screen Volumes Purged
Precision Required[5]:				*±3 %*	*±0.005 or 0.01[6]*	*±10 %*	*±10 %*	*±0.1 Units*	*±10 mV*		
0926		5.85	1.03	20.05	1.53	8.30	5.01	6.61	174		
0931	108			20.14	1.52	8.73	3.67	6.77	152		
0936		6.27	1.45	20.29	1.52	6.82	3.19	6.84	131		
0941	104			20.40	1.52	5.47	3.10	6.88	116		
0946		6.63	1.81	20.43	1.52	4.20	3.17	6.93	103		
0951				20.52	1.52	3.64	3.16	6.94	95		
	Well going Dry Sample 3x40ml 1x 1L SVOC										

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2 ft) above any sediment accumulated at the well bottom.
(2) The well screen volume will be based on a 1.52 metres (5-foot) screen length (L). For metric units, $V_s=\pi*(r^2)*L$ in mL, where r (r=D/2) and L are in cm. For Imperial units, $V_s=\pi*(r^2)*L*(2.54)^3$, where r and L are in inches
(3) The drawdown from the initial water level should not exceed 0.1 m (0.3 ft). The pumping rate should not exceed 600 mL/min.
(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged= Vp/Vs.
(5) For conductivity, the average value of three readings <1 mS/cm ±0.005 mS/cm or where conductivity >1 mS/cm ±0.01 mS/cm.

Inst. Control #'s
w/L Meter NF07182
Horiba NF06155
Turb. NF05040

Start Purge @ 0915

Road box is destroyed
J-plug still intact.

Dave Tyler

Appendix D

Analytical Data Report

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Canton
4101 Shuffel Street NW
North Canton, OH 44720
Tel: (330)497-9396

TestAmerica Job ID: 240-41809-1
Client Project/Site: 631110, NL Industries

For:
Conestoga-Rovers & Associates, Inc.
2055 Niagara Falls Blvd., Suite 3
Niagara Falls, New York 14304

Attn: Mr. Paul McMahon

Denise D Heckler

Authorized for release by:
9/23/2014 9:21:01 AM

Denise Heckler, Project Manager II
(330)966-9477
denise.heckler@testamericainc.com

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
*	LCS or LCSD exceeds the control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
*	LCS or LCSD exceeds the control limits
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
H	Sample was prepped or analyzed beyond the specified holding time
X	Surrogate is outside control limits

Metals

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 240-41809-1

Laboratory: TestAmerica Canton

Narrative

CASE NARRATIVE

Client: Conestoga-Rovers & Associates, Inc.

Project: 631110, NL Industries

Report Number: 240-41809-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

TestAmerica Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

RECEIPT

The samples were received on 09/10/2014; the samples arrived in good condition, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 0.4º C and 2.9º C.

VOLATILE ORGANIC COMPOUNDS (GCMS)

Samples WG-631110-090914-SG-001 (240-41809-1), EB-631110-090914-DJT-002 (240-41809-2), WG-631110-090914-SG-003 (240-41809-3), WG-631110-090914-DJT-004 (240-41809-4), WG-631110-090914-SG-005 (240-41809-5), WG-631110-090914-DJT-006 (240-41809-6), WG-631110-090914-SG-007 (240-41809-7), WG-631110-090914-DJT-008 (240-41809-8) and TB-631110-090914-DJT (240-41809-9) were analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260C. The samples were analyzed on 09/16/2014.

Carbon tetrachloride failed the recovery criteria high for LCS 240-147167/4. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

The continuing calibration verification (CCV) for analytical batch 147167 exceeded control criteria for Bromomethane. The samples associated with this CCV were non-detects for the affected analyte. In accordance with the laboratory SOP, a low level CCV at the reporting limit (labeled as an MRL) was analyzed and the affected compound was detected; therefore the data has been reported. No further corrective action was required.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Job ID: 240-41809-1 (Continued)

Laboratory: TestAmerica Canton (Continued)

SEMIVOLATILE ORGANIC COMPOUNDS (GCMS)

Samples WG-631110-090914-SG-001 (240-41809-1), EB-631110-090914-DJT-002 (240-41809-2), WG-631110-090914-SG-003 (240-41809-3), WG-631110-090914-DJT-004 (240-41809-4), WG-631110-090914-SG-005 (240-41809-5), WG-631110-090914-DJT-006 (240-41809-6), WG-631110-090914-SG-007 (240-41809-7) and WG-631110-090914-DJT-008 (240-41809-8) were analyzed for semivolatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8270D. The samples were prepared on 09/15/2014 and 09/18/2014 and analyzed on 09/17/2014 and 09/19/2014.

Caprolactam was detected in method blank MB 240-146991/11-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

The laboratory control sample (LCS) for batch 146991 recovered outside control limits for several acid analytes. The associated samples were re-prepared and/or re-analyzed outside holding time with Benzalhehyde spike omitted from the LCS in batch 147561. However, since this is a BN compound and all BN recoveries met acceptance criteria in the original prep, no further corrective action was required. Both sets of data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

TOTAL RECOVERABLE METALS (ICPMS)

Samples WG-631110-090914-SG-001 (240-41809-1), EB-631110-090914-DJT-002 (240-41809-2), WG-631110-090914-SG-003 (240-41809-3), WG-631110-090914-DJT-004 (240-41809-4), WG-631110-090914-SG-005 (240-41809-5), WG-631110-090914-DJT-006 (240-41809-6), WG-631110-090914-SG-007 (240-41809-7) and WG-631110-090914-DJT-008 (240-41809-8) were analyzed for total recoverable metals (ICPMS) in accordance with EPA SW-846 Method 6020A. The samples were prepared on 09/15/2014 and analyzed on 09/18/2014.

Zinc was detected in method blank MB 240-147013/1-A at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

Several analytes were detected in method blank MB 240-147013/1-A at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

Sodium failed the recovery criteria high for the MS of sample WG-631110-090914-SG-001MS (240-41809-1) in batch 240-147699.

Calcium, Magnesium and Sodium failed the recovery criteria high for the MSD of sample WG-631110-090914-SG-001MSD (240-41809-1) in batch 240-147699.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

TOTAL MERCURY

Samples WG-631110-090914-SG-001 (240-41809-1), EB-631110-090914-DJT-002 (240-41809-2), WG-631110-090914-SG-003 (240-41809-3), WG-631110-090914-DJT-004 (240-41809-4), WG-631110-090914-SG-005 (240-41809-5), WG-631110-090914-DJT-006 (240-41809-6), WG-631110-090914-SG-007 (240-41809-7) and WG-631110-090914-DJT-008 (240-41809-8) were analyzed for total mercury in accordance with EPA SW-846 Methods 7470A. The samples were prepared on 09/15/2014 and analyzed on 09/17/2014.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Method Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 631110, NL Industries

TestAmerica Job ID: 240-41809-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL CAN
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL CAN
6020A	Metals (ICP/MS)	SW846	TAL CAN
7470A	Mercury (CVAA)	SW846	TAL CAN

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Sample Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 631110, NL Industries

TestAmerica Job ID: 240-41809-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-41809-1	WG-631110-090914-SG-001	Water	09/09/14 09:55	09/10/14 09:30
240-41809-2	EB-631110-090914-DJT-002	Water	09/09/14 09:30	09/10/14 09:30
240-41809-3	WG-631110-090914-SG-003	Water	09/09/14 11:10	09/10/14 09:30
240-41809-4	WG-631110-090914-DJT-004	Water	09/09/14 09:55	09/10/14 09:30
240-41809-5	WG-631110-090914-SG-005	Water	09/09/14 11:10	09/10/14 09:30
240-41809-6	WG-631110-090914-DJT-006	Water	09/09/14 10:25	09/10/14 09:30
240-41809-7	WG-631110-090914-SG-007	Water	09/09/14 12:50	09/10/14 09:30
240-41809-8	WG-631110-090914-DJT-008	Water	09/09/14 11:20	09/10/14 09:30
240-41809-9	TB-631110-090914-DJT	Water	09/09/14 00:00	09/10/14 09:30

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 631110, NL Industries

TestAmerica Job ID: 240-41809-1

Client Sample ID: WG-631110-090914-SG-001

Lab Sample ID: 240-41809-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Caprolactam	0.30	J B	4.8	0.19	ug/L	1		8270D	Total/NA
Silver	0.041	J	1.0	0.0083	ug/L	1		6020A	Total Recoverable
Aluminum	81		50	7.5	ug/L	1		6020A	Total Recoverable
Arsenic	2.0	J B	5.0	0.063	ug/L	1		6020A	Total Recoverable
Barium	200	B	5.0	0.32	ug/L	1		6020A	Total Recoverable
Beryllium	0.035	J	1.0	0.031	ug/L	1		6020A	Total Recoverable
Cadmium	0.21	J	1.0	0.026	ug/L	1		6020A	Total Recoverable
Cobalt	0.95	J	1.0	0.020	ug/L	1		6020A	Total Recoverable
Chromium	0.47	J B	2.0	0.13	ug/L	1		6020A	Total Recoverable
Copper	38	B	2.0	0.24	ug/L	1		6020A	Total Recoverable
Iron	160		100	12	ug/L	1		6020A	Total Recoverable
Manganese	220	B	5.0	0.41	ug/L	1		6020A	Total Recoverable
Nickel	1.1	J B	2.0	0.088	ug/L	1		6020A	Total Recoverable
Lead	27		1.0	0.14	ug/L	1		6020A	Total Recoverable
Antimony	2.0	B	2.0	0.11	ug/L	1		6020A	Total Recoverable
Thallium	0.77	J	2.0	0.40	ug/L	1		6020A	Total Recoverable
Vanadium	0.89	J	5.0	0.15	ug/L	1		6020A	Total Recoverable
Zinc	48	B	20	2.1	ug/L	1		6020A	Total Recoverable
Calcium	51000	B	1000	27	ug/L	1		6020A	Total Recoverable
Potassium	2400	B	1000	5.1	ug/L	1		6020A	Total Recoverable
Magnesium	76000	B	1000	15	ug/L	1		6020A	Total Recoverable
Sodium	83000	B	1000	4.2	ug/L	1		6020A	Total Recoverable

Client Sample ID: EB-631110-090914-DJT-002

Lab Sample ID: 240-41809-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.42	J	1.0	0.21	ug/L	1		8260C	Total/NA
Arsenic	0.25	J B	5.0	0.063	ug/L	1		6020A	Total Recoverable
Beryllium	0.040	J	1.0	0.031	ug/L	1		6020A	Total Recoverable
Cadmium	0.096	J	1.0	0.026	ug/L	1		6020A	Total Recoverable
Cobalt	0.090	J	1.0	0.020	ug/L	1		6020A	Total Recoverable

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 631110, NL Industries

TestAmerica Job ID: 240-41809-1

Client Sample ID: EB-631110-090914-DJT-002 (Continued)

Lab Sample ID: 240-41809-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	0.46	J B	2.0	0.13	ug/L	1		6020A	Total Recoverable
Copper	0.59	J B	2.0	0.24	ug/L	1		6020A	Total Recoverable
Nickel	0.50	J B	2.0	0.088	ug/L	1		6020A	Total Recoverable
Lead	0.15	J	1.0	0.14	ug/L	1		6020A	Total Recoverable
Antimony	0.47	J B	2.0	0.11	ug/L	1		6020A	Total Recoverable
Thallium	1.2	J	2.0	0.40	ug/L	1		6020A	Total Recoverable
Vanadium	0.16	J	5.0	0.15	ug/L	1		6020A	Total Recoverable
Zinc	5.4	J B	20	2.1	ug/L	1		6020A	Total Recoverable
Sodium	120	J B	1000	4.2	ug/L	1		6020A	Total Recoverable

Client Sample ID: WG-631110-090914-SG-003

Lab Sample ID: 240-41809-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Caprolactam	0.27	J B	4.8	0.19	ug/L	1		8270D	Total/NA
Silver	0.015	J	1.0	0.0083	ug/L	1		6020A	Total Recoverable
Aluminum	620		50	7.5	ug/L	1		6020A	Total Recoverable
Arsenic	2.3	J B	5.0	0.063	ug/L	1		6020A	Total Recoverable
Barium	86	B	5.0	0.32	ug/L	1		6020A	Total Recoverable
Beryllium	0.066	J	1.0	0.031	ug/L	1		6020A	Total Recoverable
Cadmium	0.12	J	1.0	0.026	ug/L	1		6020A	Total Recoverable
Cobalt	0.88	J	1.0	0.020	ug/L	1		6020A	Total Recoverable
Chromium	1.2	J B	2.0	0.13	ug/L	1		6020A	Total Recoverable
Copper	4.1	B	2.0	0.24	ug/L	1		6020A	Total Recoverable
Iron	2600		100	12	ug/L	1		6020A	Total Recoverable
Manganese	130	B	5.0	0.41	ug/L	1		6020A	Total Recoverable
Nickel	1.1	J B	2.0	0.088	ug/L	1		6020A	Total Recoverable
Lead	2.6		1.0	0.14	ug/L	1		6020A	Total Recoverable
Antimony	0.39	J B	2.0	0.11	ug/L	1		6020A	Total Recoverable
Selenium	0.40	J	5.0	0.34	ug/L	1		6020A	Total Recoverable
Thallium	0.59	J	2.0	0.40	ug/L	1		6020A	Total Recoverable
Vanadium	2.3	J	5.0	0.15	ug/L	1		6020A	Total Recoverable

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 631110, NL Industries

TestAmerica Job ID: 240-41809-1

Client Sample ID: WG-631110-090914-SG-003 (Continued)

Lab Sample ID: 240-41809-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	17	J B	20	2.1	ug/L	1		6020A	Total Recoverable
Calcium	65000	B	1000	27	ug/L	1		6020A	Total Recoverable
Potassium	2900	B	1000	5.1	ug/L	1		6020A	Total Recoverable
Magnesium	62000	B	1000	15	ug/L	1		6020A	Total Recoverable
Sodium	55000	B	1000	4.2	ug/L	1		6020A	Total Recoverable

Client Sample ID: WG-631110-090914-DJT-004

Lab Sample ID: 240-41809-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.37	J	1.0	0.28	ug/L	1		8260C	Total/NA
Trichloroethene	2.2		1.0	0.15	ug/L	1		8260C	Total/NA
Caprolactam	0.52	J B	4.8	0.19	ug/L	1		8270D	Total/NA
Silver	0.016	J	1.0	0.0083	ug/L	1		6020A	Total Recoverable
Aluminum	240		50	7.5	ug/L	1		6020A	Total Recoverable
Arsenic	0.66	J B	5.0	0.063	ug/L	1		6020A	Total Recoverable
Barium	180	B	5.0	0.32	ug/L	1		6020A	Total Recoverable
Beryllium	0.039	J	1.0	0.031	ug/L	1		6020A	Total Recoverable
Cadmium	0.10	J	1.0	0.026	ug/L	1		6020A	Total Recoverable
Cobalt	0.23	J	1.0	0.020	ug/L	1		6020A	Total Recoverable
Chromium	1.1	J B	2.0	0.13	ug/L	1		6020A	Total Recoverable
Copper	9.2	B	2.0	0.24	ug/L	1		6020A	Total Recoverable
Iron	270		100	12	ug/L	1		6020A	Total Recoverable
Manganese	37	B	5.0	0.41	ug/L	1		6020A	Total Recoverable
Nickel	1.4	J B	2.0	0.088	ug/L	1		6020A	Total Recoverable
Lead	8.9		1.0	0.14	ug/L	1		6020A	Total Recoverable
Antimony	1.1	J B	2.0	0.11	ug/L	1		6020A	Total Recoverable
Selenium	0.34	J	5.0	0.34	ug/L	1		6020A	Total Recoverable
Vanadium	1.0	J	5.0	0.15	ug/L	1		6020A	Total Recoverable
Zinc	20	B	20	2.1	ug/L	1		6020A	Total Recoverable
Calcium	84000	B	1000	27	ug/L	1		6020A	Total Recoverable
Potassium	1100	B	1000	5.1	ug/L	1		6020A	Total Recoverable
Magnesium	87000	B	1000	15	ug/L	1		6020A	Total Recoverable

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 631110, NL Industries

TestAmerica Job ID: 240-41809-1

Client Sample ID: WG-631110-090914-DJT-004 (Continued)

Lab Sample ID: 240-41809-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sodium	89000	B	1000	4.2	ug/L	1		6020A	Total Recoverable

Client Sample ID: WG-631110-090914-SG-005

Lab Sample ID: 240-41809-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Caprolactam	0.34	J B	4.8	0.19	ug/L	1		8270D	Total/NA
Silver	0.019	J	1.0	0.0083	ug/L	1		6020A	Total Recoverable
Aluminum	550		50	7.5	ug/L	1		6020A	Total Recoverable
Arsenic	1.8	J B	5.0	0.063	ug/L	1		6020A	Total Recoverable
Barium	77	B	5.0	0.32	ug/L	1		6020A	Total Recoverable
Beryllium	0.049	J	1.0	0.031	ug/L	1		6020A	Total Recoverable
Cadmium	0.034	J	1.0	0.026	ug/L	1		6020A	Total Recoverable
Cobalt	0.70	J	1.0	0.020	ug/L	1		6020A	Total Recoverable
Chromium	1.0	J B	2.0	0.13	ug/L	1		6020A	Total Recoverable
Copper	3.7	B	2.0	0.24	ug/L	1		6020A	Total Recoverable
Iron	2200		100	12	ug/L	1		6020A	Total Recoverable
Manganese	120	B	5.0	0.41	ug/L	1		6020A	Total Recoverable
Nickel	0.95	J B	2.0	0.088	ug/L	1		6020A	Total Recoverable
Lead	2.2		1.0	0.14	ug/L	1		6020A	Total Recoverable
Antimony	0.25	J B	2.0	0.11	ug/L	1		6020A	Total Recoverable
Vanadium	1.9	J	5.0	0.15	ug/L	1		6020A	Total Recoverable
Zinc	16	J B	20	2.1	ug/L	1		6020A	Total Recoverable
Calcium	59000	B	1000	27	ug/L	1		6020A	Total Recoverable
Potassium	2600	B	1000	5.1	ug/L	1		6020A	Total Recoverable
Magnesium	57000	B	1000	15	ug/L	1		6020A	Total Recoverable
Sodium	49000	B	1000	4.2	ug/L	1		6020A	Total Recoverable

Client Sample ID: WG-631110-090914-DJT-006

Lab Sample ID: 240-41809-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Caprolactam	0.31	J B	4.8	0.19	ug/L	1		8270D	Total/NA
Aluminum	26	J	50	7.5	ug/L	1		6020A	Total Recoverable
Arsenic	11	B	5.0	0.063	ug/L	1		6020A	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: WG-631110-090914-DJT-006 (Continued)

Lab Sample ID: 240-41809-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	39	B	5.0	0.32	ug/L	1		6020A	Total Recoverable
Cobalt	0.20	J	1.0	0.020	ug/L	1		6020A	Total Recoverable
Chromium	0.17	J B	2.0	0.13	ug/L	1		6020A	Total Recoverable
Copper	0.63	J B	2.0	0.24	ug/L	1		6020A	Total Recoverable
Iron	560		100	12	ug/L	1		6020A	Total Recoverable
Manganese	17	B	5.0	0.41	ug/L	1		6020A	Total Recoverable
Nickel	0.36	J B	2.0	0.088	ug/L	1		6020A	Total Recoverable
Lead	0.17	J	1.0	0.14	ug/L	1		6020A	Total Recoverable
Antimony	0.14	J B	2.0	0.11	ug/L	1		6020A	Total Recoverable
Zinc	4.8	J B	20	2.1	ug/L	1		6020A	Total Recoverable
Calcium	77000	B	1000	27	ug/L	1		6020A	Total Recoverable
Potassium	1900	B	1000	5.1	ug/L	1		6020A	Total Recoverable
Magnesium	97000	B	1000	15	ug/L	1		6020A	Total Recoverable
Sodium	62000	B	1000	4.2	ug/L	1		6020A	Total Recoverable

Client Sample ID: WG-631110-090914-SG-007

Lab Sample ID: 240-41809-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Caprolactam	0.24	J B	4.8	0.19	ug/L	1		8270D	Total/NA
Aluminum	40	J	50	7.5	ug/L	1		6020A	Total Recoverable
Arsenic	0.87	J B	5.0	0.063	ug/L	1		6020A	Total Recoverable
Barium	160	B	5.0	0.32	ug/L	1		6020A	Total Recoverable
Cobalt	0.37	J	1.0	0.020	ug/L	1		6020A	Total Recoverable
Chromium	0.25	J B	2.0	0.13	ug/L	1		6020A	Total Recoverable
Copper	0.33	J B	2.0	0.24	ug/L	1		6020A	Total Recoverable
Iron	960		100	12	ug/L	1		6020A	Total Recoverable
Manganese	29	B	5.0	0.41	ug/L	1		6020A	Total Recoverable
Nickel	1.2	J B	2.0	0.088	ug/L	1		6020A	Total Recoverable
Antimony	0.13	J B	2.0	0.11	ug/L	1		6020A	Total Recoverable
Vanadium	0.15	J	5.0	0.15	ug/L	1		6020A	Total Recoverable
Zinc	18	J B	20	2.1	ug/L	1		6020A	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: WG-631110-090914-SG-007 (Continued)

Lab Sample ID: 240-41809-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Calcium	47000	B	1000	27	ug/L	1		6020A	Total Recoverable
Potassium	3700	B	1000	5.1	ug/L	1		6020A	Total Recoverable
Magnesium	67000	B	1000	15	ug/L	1		6020A	Total Recoverable
Sodium	54000	B	1000	4.2	ug/L	1		6020A	Total Recoverable

Client Sample ID: WG-631110-090914-DJT-008

Lab Sample ID: 240-41809-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Caprolactam	0.40	J B	4.8	0.19	ug/L	1		8270D	Total/NA
Aluminum	23	J	50	7.5	ug/L	1		6020A	Total Recoverable
Arsenic	2.2	J B	5.0	0.063	ug/L	1		6020A	Total Recoverable
Barium	120	B	5.0	0.32	ug/L	1		6020A	Total Recoverable
Cobalt	0.53	J	1.0	0.020	ug/L	1		6020A	Total Recoverable
Chromium	0.25	J B	2.0	0.13	ug/L	1		6020A	Total Recoverable
Copper	6.0	B	2.0	0.24	ug/L	1		6020A	Total Recoverable
Iron	690		100	12	ug/L	1		6020A	Total Recoverable
Manganese	50	B	5.0	0.41	ug/L	1		6020A	Total Recoverable
Nickel	1.1	J B	2.0	0.088	ug/L	1		6020A	Total Recoverable
Lead	3.6		1.0	0.14	ug/L	1		6020A	Total Recoverable
Antimony	0.27	J B	2.0	0.11	ug/L	1		6020A	Total Recoverable
Zinc	11	J B	20	2.1	ug/L	1		6020A	Total Recoverable
Calcium	130000	B	1000	27	ug/L	1		6020A	Total Recoverable
Potassium	3600	B	1000	5.1	ug/L	1		6020A	Total Recoverable
Magnesium	97000	B	1000	15	ug/L	1		6020A	Total Recoverable
Sodium	150000	B	1000	4.2	ug/L	1		6020A	Total Recoverable

Client Sample ID: TB-631110-090914-DJT

Lab Sample ID: 240-41809-9

No Detections.

This Detection Summary does not include radiochemical test results.

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 631110, NL Industries

TestAmerica Job ID: 240-41809-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Client Sample ID: WG-631110-090914-SG-001
Date Collected: 09/09/14 09:55
Date Received: 09/10/14 09:30

Lab Sample ID: 240-41809-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/16/14 12:27	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	ug/L			09/16/14 12:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.37	ug/L			09/16/14 12:27	1
1,1,2-Trichloroethane	1.0	U	1.0	0.17	ug/L			09/16/14 12:27	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/16/14 12:27	1
1,1-Dichloroethene	1.0	U	1.0	0.45	ug/L			09/16/14 12:27	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.32	ug/L			09/16/14 12:27	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.82	ug/L			09/16/14 12:27	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/16/14 12:27	1
1,2-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/16/14 12:27	1
1,2-Dichloroethane	1.0	U	1.0	0.20	ug/L			09/16/14 12:27	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			09/16/14 12:27	1
1,3-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/16/14 12:27	1
1,4-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			09/16/14 12:27	1
2-Butanone (MEK)	10	U	10	4.1	ug/L			09/16/14 12:27	1
2-Hexanone	10	U	10	3.9	ug/L			09/16/14 12:27	1
4-Methyl-2-pentanone (MIBK)	10	U	10	3.6	ug/L			09/16/14 12:27	1
Acetone	10	U	10	3.4	ug/L			09/16/14 12:27	1
Benzene	1.0	U	1.0	0.24	ug/L			09/16/14 12:27	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/16/14 12:27	1
Bromoform	1.0	U	1.0	0.56	ug/L			09/16/14 12:27	1
Bromomethane	1.0	U	1.0	0.63	ug/L			09/16/14 12:27	1
Carbon disulfide	1.0	U	1.0	0.28	ug/L			09/16/14 12:27	1
Carbon tetrachloride	1.0	U *	1.0	0.17	ug/L			09/16/14 12:27	1
Chlorobenzene	1.0	U	1.0	0.19	ug/L			09/16/14 12:27	1
Chloroethane	1.0	U	1.0	0.33	ug/L			09/16/14 12:27	1
Chloroform	1.0	U	1.0	0.21	ug/L			09/16/14 12:27	1
Chloromethane	1.0	U	1.0	0.44	ug/L			09/16/14 12:27	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			09/16/14 12:27	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			09/16/14 12:27	1
Cyclohexane	1.0	U	1.0	0.33	ug/L			09/16/14 12:27	1
Chlorodibromomethane	1.0	U	1.0	0.43	ug/L			09/16/14 12:27	1
Dichlorodifluoromethane	1.0	U	1.0	0.50	ug/L			09/16/14 12:27	1
Ethylbenzene	1.0	U	1.0	0.23	ug/L			09/16/14 12:27	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			09/16/14 12:27	1
Methyl acetate	10	U	10	2.3	ug/L			09/16/14 12:27	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			09/16/14 12:27	1
Methylcyclohexane	1.0	U	1.0	0.23	ug/L			09/16/14 12:27	1
Methylene Chloride	1.0	U	1.0	0.28	ug/L			09/16/14 12:27	1
Styrene	1.0	U	1.0	0.45	ug/L			09/16/14 12:27	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			09/16/14 12:27	1
Toluene	1.0	U	1.0	0.22	ug/L			09/16/14 12:27	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/16/14 12:27	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.56	ug/L			09/16/14 12:27	1
Trichloroethene	1.0	U	1.0	0.15	ug/L			09/16/14 12:27	1
Trichlorofluoromethane	1.0	U	1.0	0.49	ug/L			09/16/14 12:27	1
Vinyl chloride	1.0	U	1.0	0.29	ug/L			09/16/14 12:27	1
Xylenes, Total	2.0	U	2.0	0.43	ug/L			09/16/14 12:27	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*97*		*74 - 120*		*09/16/14 12:27*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 121*		*09/16/14 12:27*	*1*
4-Bromofluorobenzene (Surr)	*89*		*66 - 120*		*09/16/14 12:27*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*63 - 129*		*09/16/14 12:27*	*1*

Client Sample ID: EB-631110-090914-DJT-002 — **Lab Sample ID: 240-41809-2**
Date Collected: 09/09/14 09:30 — **Matrix: Water**
Date Received: 09/10/14 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/16/14 12:50	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	ug/L			09/16/14 12:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.37	ug/L			09/16/14 12:50	1
1,1,2-Trichloroethane	1.0	U	1.0	0.17	ug/L			09/16/14 12:50	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/16/14 12:50	1
1,1-Dichloroethene	1.0	U	1.0	0.45	ug/L			09/16/14 12:50	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.32	ug/L			09/16/14 12:50	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.82	ug/L			09/16/14 12:50	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/16/14 12:50	1
1,2-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/16/14 12:50	1
1,2-Dichloroethane	1.0	U	1.0	0.20	ug/L			09/16/14 12:50	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			09/16/14 12:50	1
1,3-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/16/14 12:50	1
1,4-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			09/16/14 12:50	1
2-Butanone (MEK)	10	U	10	4.1	ug/L			09/16/14 12:50	1
2-Hexanone	10	U	10	3.9	ug/L			09/16/14 12:50	1
4-Methyl-2-pentanone (MIBK)	10	U	10	3.6	ug/L			09/16/14 12:50	1
Acetone	10	U	10	3.4	ug/L			09/16/14 12:50	1
Benzene	1.0	U	1.0	0.24	ug/L			09/16/14 12:50	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/16/14 12:50	1
Bromoform	1.0	U	1.0	0.56	ug/L			09/16/14 12:50	1
Bromomethane	1.0	U	1.0	0.63	ug/L			09/16/14 12:50	1
Carbon disulfide	1.0	U	1.0	0.28	ug/L			09/16/14 12:50	1
Carbon tetrachloride	1.0	U *	1.0	0.17	ug/L			09/16/14 12:50	1
Chlorobenzene	1.0	U	1.0	0.19	ug/L			09/16/14 12:50	1
Chloroethane	1.0	U	1.0	0.33	ug/L			09/16/14 12:50	1
Chloroform	**0.42**	**J**	1.0	0.21	ug/L			09/16/14 12:50	1
Chloromethane	1.0	U	1.0	0.44	ug/L			09/16/14 12:50	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			09/16/14 12:50	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			09/16/14 12:50	1
Cyclohexane	1.0	U	1.0	0.33	ug/L			09/16/14 12:50	1
Chlorodibromomethane	1.0	U	1.0	0.43	ug/L			09/16/14 12:50	1
Dichlorodifluoromethane	1.0	U	1.0	0.50	ug/L			09/16/14 12:50	1
Ethylbenzene	1.0	U	1.0	0.23	ug/L			09/16/14 12:50	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			09/16/14 12:50	1
Methyl acetate	10	U	10	2.3	ug/L			09/16/14 12:50	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			09/16/14 12:50	1
Methylcyclohexane	1.0	U	1.0	0.23	ug/L			09/16/14 12:50	1
Methylene Chloride	1.0	U	1.0	0.28	ug/L			09/16/14 12:50	1
Styrene	1.0	U	1.0	0.45	ug/L			09/16/14 12:50	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			09/16/14 12:50	1
Toluene	1.0	U	1.0	0.22	ug/L			09/16/14 12:50	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/16/14 12:50	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Client Sample ID: EB-631110-090914-DJT-002 — **Lab Sample ID: 240-41809-2**
Date Collected: 09/09/14 09:30 — **Matrix: Water**
Date Received: 09/10/14 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	1.0	U	1.0	0.56	ug/L			09/16/14 12:50	1
Trichloroethene	1.0	U	1.0	0.15	ug/L			09/16/14 12:50	1
Trichlorofluoromethane	1.0	U	1.0	0.49	ug/L			09/16/14 12:50	1
Vinyl chloride	1.0	U	1.0	0.29	ug/L			09/16/14 12:50	1
Xylenes, Total	2.0	U	2.0	0.43	ug/L			09/16/14 12:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*95*		*74 - 120*		*09/16/14 12:50*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 121*		*09/16/14 12:50*	*1*
4-Bromofluorobenzene (Surr)	*88*		*66 - 120*		*09/16/14 12:50*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*63 - 129*		*09/16/14 12:50*	*1*

Client Sample ID: WG-631110-090914-SG-003 — **Lab Sample ID: 240-41809-3**
Date Collected: 09/09/14 11:10 — **Matrix: Water**
Date Received: 09/10/14 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/16/14 13:13	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	ug/L			09/16/14 13:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.37	ug/L			09/16/14 13:13	1
1,1,2-Trichloroethane	1.0	U	1.0	0.17	ug/L			09/16/14 13:13	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/16/14 13:13	1
1,1-Dichloroethene	1.0	U	1.0	0.45	ug/L			09/16/14 13:13	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.32	ug/L			09/16/14 13:13	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.82	ug/L			09/16/14 13:13	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/16/14 13:13	1
1,2-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/16/14 13:13	1
1,2-Dichloroethane	1.0	U	1.0	0.20	ug/L			09/16/14 13:13	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			09/16/14 13:13	1
1,3-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/16/14 13:13	1
1,4-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			09/16/14 13:13	1
2-Butanone (MEK)	10	U	10	4.1	ug/L			09/16/14 13:13	1
2-Hexanone	10	U	10	3.9	ug/L			09/16/14 13:13	1
4-Methyl-2-pentanone (MIBK)	10	U	10	3.6	ug/L			09/16/14 13:13	1
Acetone	10	U	10	3.4	ug/L			09/16/14 13:13	1
Benzene	1.0	U	1.0	0.24	ug/L			09/16/14 13:13	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/16/14 13:13	1
Bromoform	1.0	U	1.0	0.56	ug/L			09/16/14 13:13	1
Bromomethane	1.0	U	1.0	0.63	ug/L			09/16/14 13:13	1
Carbon disulfide	1.0	U	1.0	0.28	ug/L			09/16/14 13:13	1
Carbon tetrachloride	1.0	U *	1.0	0.17	ug/L			09/16/14 13:13	1
Chlorobenzene	1.0	U	1.0	0.19	ug/L			09/16/14 13:13	1
Chloroethane	1.0	U	1.0	0.33	ug/L			09/16/14 13:13	1
Chloroform	1.0	U	1.0	0.21	ug/L			09/16/14 13:13	1
Chloromethane	1.0	U	1.0	0.44	ug/L			09/16/14 13:13	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			09/16/14 13:13	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			09/16/14 13:13	1
Cyclohexane	1.0	U	1.0	0.33	ug/L			09/16/14 13:13	1
Chlorodibromomethane	1.0	U	1.0	0.43	ug/L			09/16/14 13:13	1
Dichlorodifluoromethane	1.0	U	1.0	0.50	ug/L			09/16/14 13:13	1
Ethylbenzene	1.0	U	1.0	0.23	ug/L			09/16/14 13:13	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Client Sample ID: WG-631110-090914-SG-003 — **Lab Sample ID: 240-41809-3**
Date Collected: 09/09/14 11:10 — **Matrix: Water**
Date Received: 09/10/14 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			09/16/14 13:13	1
Methyl acetate	10	U	10	2.3	ug/L			09/16/14 13:13	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			09/16/14 13:13	1
Methylcyclohexane	1.0	U	1.0	0.23	ug/L			09/16/14 13:13	1
Methylene Chloride	1.0	U	1.0	0.28	ug/L			09/16/14 13:13	1
Styrene	1.0	U	1.0	0.45	ug/L			09/16/14 13:13	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			09/16/14 13:13	1
Toluene	1.0	U	1.0	0.22	ug/L			09/16/14 13:13	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/16/14 13:13	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.56	ug/L			09/16/14 13:13	1
Trichloroethene	1.0	U	1.0	0.15	ug/L			09/16/14 13:13	1
Trichlorofluoromethane	1.0	U	1.0	0.49	ug/L			09/16/14 13:13	1
Vinyl chloride	1.0	U	1.0	0.29	ug/L			09/16/14 13:13	1
Xylenes, Total	2.0	U	2.0	0.43	ug/L			09/16/14 13:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*74 - 120*		*09/16/14 13:13*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 121*		*09/16/14 13:13*	*1*
4-Bromofluorobenzene (Surr)	*89*		*66 - 120*		*09/16/14 13:13*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*63 - 129*		*09/16/14 13:13*	*1*

Client Sample ID: WG-631110-090914-DJT-004 — **Lab Sample ID: 240-41809-4**
Date Collected: 09/09/14 09:55 — **Matrix: Water**
Date Received: 09/10/14 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/16/14 13:36	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	ug/L			09/16/14 13:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.37	ug/L			09/16/14 13:36	1
1,1,2-Trichloroethane	1.0	U	1.0	0.17	ug/L			09/16/14 13:36	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/16/14 13:36	1
1,1-Dichloroethene	1.0	U	1.0	0.45	ug/L			09/16/14 13:36	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.32	ug/L			09/16/14 13:36	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.82	ug/L			09/16/14 13:36	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/16/14 13:36	1
1,2-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/16/14 13:36	1
1,2-Dichloroethane	1.0	U	1.0	0.20	ug/L			09/16/14 13:36	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			09/16/14 13:36	1
1,3-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/16/14 13:36	1
1,4-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			09/16/14 13:36	1
2-Butanone (MEK)	10	U	10	4.1	ug/L			09/16/14 13:36	1
2-Hexanone	10	U	10	3.9	ug/L			09/16/14 13:36	1
4-Methyl-2-pentanone (MIBK)	10	U	10	3.6	ug/L			09/16/14 13:36	1
Acetone	10	U	10	3.4	ug/L			09/16/14 13:36	1
Benzene	1.0	U	1.0	0.24	ug/L			09/16/14 13:36	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/16/14 13:36	1
Bromoform	1.0	U	1.0	0.56	ug/L			09/16/14 13:36	1
Bromomethane	1.0	U	1.0	0.63	ug/L			09/16/14 13:36	1
Carbon disulfide	1.0	U	1.0	0.28	ug/L			09/16/14 13:36	1
Carbon tetrachloride	1.0	U *	1.0	0.17	ug/L			09/16/14 13:36	1
Chlorobenzene	1.0	U	1.0	0.19	ug/L			09/16/14 13:36	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Client Sample ID: WG-631110-090914-DJT-004
Date Collected: 09/09/14 09:55
Date Received: 09/10/14 09:30

Lab Sample ID: 240-41809-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	1.0	U	1.0	0.33	ug/L			09/16/14 13:36	1
Chloroform	1.0	U	1.0	0.21	ug/L			09/16/14 13:36	1
Chloromethane	1.0	U	1.0	0.44	ug/L			09/16/14 13:36	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			09/16/14 13:36	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			09/16/14 13:36	1
Cyclohexane	1.0	U	1.0	0.33	ug/L			09/16/14 13:36	1
Chlorodibromomethane	1.0	U	1.0	0.43	ug/L			09/16/14 13:36	1
Dichlorodifluoromethane	1.0	U	1.0	0.50	ug/L			09/16/14 13:36	1
Ethylbenzene	1.0	U	1.0	0.23	ug/L			09/16/14 13:36	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			09/16/14 13:36	1
Methyl acetate	10	U	10	2.3	ug/L			09/16/14 13:36	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			09/16/14 13:36	1
Methylcyclohexane	1.0	U	1.0	0.23	ug/L			09/16/14 13:36	1
Methylene Chloride	**0.37**	**J**	1.0	0.28	ug/L			09/16/14 13:36	1
Styrene	1.0	U	1.0	0.45	ug/L			09/16/14 13:36	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			09/16/14 13:36	1
Toluene	1.0	U	1.0	0.22	ug/L			09/16/14 13:36	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/16/14 13:36	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.56	ug/L			09/16/14 13:36	1
Trichloroethene	**2.2**		1.0	0.15	ug/L			09/16/14 13:36	1
Trichlorofluoromethane	1.0	U	1.0	0.49	ug/L			09/16/14 13:36	1
Vinyl chloride	1.0	U	1.0	0.29	ug/L			09/16/14 13:36	1
Xylenes, Total	2.0	U	2.0	0.43	ug/L			09/16/14 13:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*97*		*74 - 120*		*09/16/14 13:36*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 121*		*09/16/14 13:36*	*1*
4-Bromofluorobenzene (Surr)	*90*		*66 - 120*		*09/16/14 13:36*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*63 - 129*		*09/16/14 13:36*	*1*

Client Sample ID: WG-631110-090914-SG-005
Date Collected: 09/09/14 11:10
Date Received: 09/10/14 09:30

Lab Sample ID: 240-41809-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/16/14 17:01	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	ug/L			09/16/14 17:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.37	ug/L			09/16/14 17:01	1
1,1,2-Trichloroethane	1.0	U	1.0	0.17	ug/L			09/16/14 17:01	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/16/14 17:01	1
1,1-Dichloroethene	1.0	U	1.0	0.45	ug/L			09/16/14 17:01	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.32	ug/L			09/16/14 17:01	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.82	ug/L			09/16/14 17:01	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/16/14 17:01	1
1,2-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/16/14 17:01	1
1,2-Dichloroethane	1.0	U	1.0	0.20	ug/L			09/16/14 17:01	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			09/16/14 17:01	1
1,3-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/16/14 17:01	1
1,4-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			09/16/14 17:01	1
2-Butanone (MEK)	10	U	10	4.1	ug/L			09/16/14 17:01	1
2-Hexanone	10	U	10	3.9	ug/L			09/16/14 17:01	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Client Sample ID: WG-631110-090914-SG-005
Date Collected: 09/09/14 11:10
Date Received: 09/10/14 09:30

Lab Sample ID: 240-41809-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (MIBK)	10	U	10	3.6	ug/L			09/16/14 17:01	1
Acetone	10	U	10	3.4	ug/L			09/16/14 17:01	1
Benzene	1.0	U	1.0	0.24	ug/L			09/16/14 17:01	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/16/14 17:01	1
Bromoform	1.0	U	1.0	0.56	ug/L			09/16/14 17:01	1
Bromomethane	1.0	U	1.0	0.63	ug/L			09/16/14 17:01	1
Carbon disulfide	1.0	U	1.0	0.28	ug/L			09/16/14 17:01	1
Carbon tetrachloride	1.0	U *	1.0	0.17	ug/L			09/16/14 17:01	1
Chlorobenzene	1.0	U	1.0	0.19	ug/L			09/16/14 17:01	1
Chloroethane	1.0	U	1.0	0.33	ug/L			09/16/14 17:01	1
Chloroform	1.0	U	1.0	0.21	ug/L			09/16/14 17:01	1
Chloromethane	1.0	U	1.0	0.44	ug/L			09/16/14 17:01	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			09/16/14 17:01	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			09/16/14 17:01	1
Cyclohexane	1.0	U	1.0	0.33	ug/L			09/16/14 17:01	1
Chlorodibromomethane	1.0	U	1.0	0.43	ug/L			09/16/14 17:01	1
Dichlorodifluoromethane	1.0	U	1.0	0.50	ug/L			09/16/14 17:01	1
Ethylbenzene	1.0	U	1.0	0.23	ug/L			09/16/14 17:01	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			09/16/14 17:01	1
Methyl acetate	10	U	10	2.3	ug/L			09/16/14 17:01	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			09/16/14 17:01	1
Methylcyclohexane	1.0	U	1.0	0.23	ug/L			09/16/14 17:01	1
Methylene Chloride	1.0	U	1.0	0.28	ug/L			09/16/14 17:01	1
Styrene	1.0	U	1.0	0.45	ug/L			09/16/14 17:01	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			09/16/14 17:01	1
Toluene	1.0	U	1.0	0.22	ug/L			09/16/14 17:01	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/16/14 17:01	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.56	ug/L			09/16/14 17:01	1
Trichloroethene	1.0	U	1.0	0.15	ug/L			09/16/14 17:01	1
Trichlorofluoromethane	1.0	U	1.0	0.49	ug/L			09/16/14 17:01	1
Vinyl chloride	1.0	U	1.0	0.29	ug/L			09/16/14 17:01	1
Xylenes, Total	2.0	U	2.0	0.43	ug/L			09/16/14 17:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*99*		*74 - 120*		*09/16/14 17:01*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 121*		*09/16/14 17:01*	*1*
4-Bromofluorobenzene (Surr)	*89*		*66 - 120*		*09/16/14 17:01*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*63 - 129*		*09/16/14 17:01*	*1*

Client Sample ID: WG-631110-090914-DJT-006
Date Collected: 09/09/14 10:25
Date Received: 09/10/14 09:30

Lab Sample ID: 240-41809-6
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/16/14 17:24	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	ug/L			09/16/14 17:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.37	ug/L			09/16/14 17:24	1
1,1,2-Trichloroethane	1.0	U	1.0	0.17	ug/L			09/16/14 17:24	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/16/14 17:24	1
1,1-Dichloroethene	1.0	U	1.0	0.45	ug/L			09/16/14 17:24	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.32	ug/L			09/16/14 17:24	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Client Sample ID: WG-631110-090914-DJT-006
Date Collected: 09/09/14 10:25
Date Received: 09/10/14 09:30

Lab Sample ID: 240-41809-6
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.82	ug/L			09/16/14 17:24	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/16/14 17:24	1
1,2-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/16/14 17:24	1
1,2-Dichloroethane	1.0	U	1.0	0.20	ug/L			09/16/14 17:24	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			09/16/14 17:24	1
1,3-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/16/14 17:24	1
1,4-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			09/16/14 17:24	1
2-Butanone (MEK)	10	U	10	4.1	ug/L			09/16/14 17:24	1
2-Hexanone	10	U	10	3.9	ug/L			09/16/14 17:24	1
4-Methyl-2-pentanone (MIBK)	10	U	10	3.6	ug/L			09/16/14 17:24	1
Acetone	10	U	10	3.4	ug/L			09/16/14 17:24	1
Benzene	1.0	U	1.0	0.24	ug/L			09/16/14 17:24	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/16/14 17:24	1
Bromoform	1.0	U	1.0	0.56	ug/L			09/16/14 17:24	1
Bromomethane	1.0	U	1.0	0.63	ug/L			09/16/14 17:24	1
Carbon disulfide	1.0	U	1.0	0.28	ug/L			09/16/14 17:24	1
Carbon tetrachloride	1.0	U *	1.0	0.17	ug/L			09/16/14 17:24	1
Chlorobenzene	1.0	U	1.0	0.19	ug/L			09/16/14 17:24	1
Chloroethane	1.0	U	1.0	0.33	ug/L			09/16/14 17:24	1
Chloroform	1.0	U	1.0	0.21	ug/L			09/16/14 17:24	1
Chloromethane	1.0	U	1.0	0.44	ug/L			09/16/14 17:24	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			09/16/14 17:24	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			09/16/14 17:24	1
Cyclohexane	1.0	U	1.0	0.33	ug/L			09/16/14 17:24	1
Chlorodibromomethane	1.0	U	1.0	0.43	ug/L			09/16/14 17:24	1
Dichlorodifluoromethane	1.0	U	1.0	0.50	ug/L			09/16/14 17:24	1
Ethylbenzene	1.0	U	1.0	0.23	ug/L			09/16/14 17:24	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			09/16/14 17:24	1
Methyl acetate	10	U	10	2.3	ug/L			09/16/14 17:24	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			09/16/14 17:24	1
Methylcyclohexane	1.0	U	1.0	0.23	ug/L			09/16/14 17:24	1
Methylene Chloride	1.0	U	1.0	0.28	ug/L			09/16/14 17:24	1
Styrene	1.0	U	1.0	0.45	ug/L			09/16/14 17:24	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			09/16/14 17:24	1
Toluene	1.0	U	1.0	0.22	ug/L			09/16/14 17:24	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/16/14 17:24	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.56	ug/L			09/16/14 17:24	1
Trichloroethene	1.0	U	1.0	0.15	ug/L			09/16/14 17:24	1
Trichlorofluoromethane	1.0	U	1.0	0.49	ug/L			09/16/14 17:24	1
Vinyl chloride	1.0	U	1.0	0.29	ug/L			09/16/14 17:24	1
Xylenes, Total	2.0	U	2.0	0.43	ug/L			09/16/14 17:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*74 - 120*		*09/16/14 17:24*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 121*		*09/16/14 17:24*	*1*
4-Bromofluorobenzene (Surr)	*90*		*66 - 120*		*09/16/14 17:24*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*63 - 129*		*09/16/14 17:24*	*1*

Method: 8260C - Volatile Organic Compounds by GC/MS

Client Sample ID: WG-631110-090914-SG-007
Date Collected: 09/09/14 12:50
Date Received: 09/10/14 09:30

Lab Sample ID: 240-41809-7
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/16/14 17:47	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	ug/L			09/16/14 17:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.37	ug/L			09/16/14 17:47	1
1,1,2-Trichloroethane	1.0	U	1.0	0.17	ug/L			09/16/14 17:47	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/16/14 17:47	1
1,1-Dichloroethene	1.0	U	1.0	0.45	ug/L			09/16/14 17:47	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.32	ug/L			09/16/14 17:47	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.82	ug/L			09/16/14 17:47	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/16/14 17:47	1
1,2-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/16/14 17:47	1
1,2-Dichloroethane	1.0	U	1.0	0.20	ug/L			09/16/14 17:47	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			09/16/14 17:47	1
1,3-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/16/14 17:47	1
1,4-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			09/16/14 17:47	1
2-Butanone (MEK)	10	U	10	4.1	ug/L			09/16/14 17:47	1
2-Hexanone	10	U	10	3.9	ug/L			09/16/14 17:47	1
4-Methyl-2-pentanone (MIBK)	10	U	10	3.6	ug/L			09/16/14 17:47	1
Acetone	10	U	10	3.4	ug/L			09/16/14 17:47	1
Benzene	1.0	U	1.0	0.24	ug/L			09/16/14 17:47	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/16/14 17:47	1
Bromoform	1.0	U	1.0	0.56	ug/L			09/16/14 17:47	1
Bromomethane	1.0	U	1.0	0.63	ug/L			09/16/14 17:47	1
Carbon disulfide	1.0	U	1.0	0.28	ug/L			09/16/14 17:47	1
Carbon tetrachloride	1.0	U *	1.0	0.17	ug/L			09/16/14 17:47	1
Chlorobenzene	1.0	U	1.0	0.19	ug/L			09/16/14 17:47	1
Chloroethane	1.0	U	1.0	0.33	ug/L			09/16/14 17:47	1
Chloroform	1.0	U	1.0	0.21	ug/L			09/16/14 17:47	1
Chloromethane	1.0	U	1.0	0.44	ug/L			09/16/14 17:47	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			09/16/14 17:47	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			09/16/14 17:47	1
Cyclohexane	1.0	U	1.0	0.33	ug/L			09/16/14 17:47	1
Chlorodibromomethane	1.0	U	1.0	0.43	ug/L			09/16/14 17:47	1
Dichlorodifluoromethane	1.0	U	1.0	0.50	ug/L			09/16/14 17:47	1
Ethylbenzene	1.0	U	1.0	0.23	ug/L			09/16/14 17:47	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			09/16/14 17:47	1
Methyl acetate	10	U	10	2.3	ug/L			09/16/14 17:47	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			09/16/14 17:47	1
Methylcyclohexane	1.0	U	1.0	0.23	ug/L			09/16/14 17:47	1
Methylene Chloride	1.0	U	1.0	0.28	ug/L			09/16/14 17:47	1
Styrene	1.0	U	1.0	0.45	ug/L			09/16/14 17:47	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			09/16/14 17:47	1
Toluene	1.0	U	1.0	0.22	ug/L			09/16/14 17:47	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/16/14 17:47	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.56	ug/L			09/16/14 17:47	1
Trichloroethene	1.0	U	1.0	0.15	ug/L			09/16/14 17:47	1
Trichlorofluoromethane	1.0	U	1.0	0.49	ug/L			09/16/14 17:47	1
Vinyl chloride	1.0	U	1.0	0.29	ug/L			09/16/14 17:47	1
Xylenes, Total	2.0	U	2.0	0.43	ug/L			09/16/14 17:47	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*97*		*74 - 120*		*09/16/14 17:47*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 121*		*09/16/14 17:47*	*1*
4-Bromofluorobenzene (Surr)	*88*		*66 - 120*		*09/16/14 17:47*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*63 - 129*		*09/16/14 17:47*	*1*

Client Sample ID: WG-631110-090914-DJT-008 — **Lab Sample ID: 240-41809-8**
Date Collected: 09/09/14 11:20 — **Matrix: Water**
Date Received: 09/10/14 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/16/14 18:09	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	ug/L			09/16/14 18:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.37	ug/L			09/16/14 18:09	1
1,1,2-Trichloroethane	1.0	U	1.0	0.17	ug/L			09/16/14 18:09	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/16/14 18:09	1
1,1-Dichloroethene	1.0	U	1.0	0.45	ug/L			09/16/14 18:09	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.32	ug/L			09/16/14 18:09	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.82	ug/L			09/16/14 18:09	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/16/14 18:09	1
1,2-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/16/14 18:09	1
1,2-Dichloroethane	1.0	U	1.0	0.20	ug/L			09/16/14 18:09	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			09/16/14 18:09	1
1,3-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/16/14 18:09	1
1,4-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			09/16/14 18:09	1
2-Butanone (MEK)	10	U	10	4.1	ug/L			09/16/14 18:09	1
2-Hexanone	10	U	10	3.9	ug/L			09/16/14 18:09	1
4-Methyl-2-pentanone (MIBK)	10	U	10	3.6	ug/L			09/16/14 18:09	1
Acetone	10	U	10	3.4	ug/L			09/16/14 18:09	1
Benzene	1.0	U	1.0	0.24	ug/L			09/16/14 18:09	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/16/14 18:09	1
Bromoform	1.0	U	1.0	0.56	ug/L			09/16/14 18:09	1
Bromomethane	1.0	U	1.0	0.63	ug/L			09/16/14 18:09	1
Carbon disulfide	1.0	U	1.0	0.28	ug/L			09/16/14 18:09	1
Carbon tetrachloride	1.0	U *	1.0	0.17	ug/L			09/16/14 18:09	1
Chlorobenzene	1.0	U	1.0	0.19	ug/L			09/16/14 18:09	1
Chloroethane	1.0	U	1.0	0.33	ug/L			09/16/14 18:09	1
Chloroform	1.0	U	1.0	0.21	ug/L			09/16/14 18:09	1
Chloromethane	1.0	U	1.0	0.44	ug/L			09/16/14 18:09	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			09/16/14 18:09	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			09/16/14 18:09	1
Cyclohexane	1.0	U	1.0	0.33	ug/L			09/16/14 18:09	1
Chlorodibromomethane	1.0	U	1.0	0.43	ug/L			09/16/14 18:09	1
Dichlorodifluoromethane	1.0	U	1.0	0.50	ug/L			09/16/14 18:09	1
Ethylbenzene	1.0	U	1.0	0.23	ug/L			09/16/14 18:09	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			09/16/14 18:09	1
Methyl acetate	10	U	10	2.3	ug/L			09/16/14 18:09	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			09/16/14 18:09	1
Methylcyclohexane	1.0	U	1.0	0.23	ug/L			09/16/14 18:09	1
Methylene Chloride	1.0	U	1.0	0.28	ug/L			09/16/14 18:09	1
Styrene	1.0	U	1.0	0.45	ug/L			09/16/14 18:09	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			09/16/14 18:09	1
Toluene	1.0	U	1.0	0.22	ug/L			09/16/14 18:09	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/16/14 18:09	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Client Sample ID: WG-631110-090914-DJT-008 — **Lab Sample ID: 240-41809-8**
Date Collected: 09/09/14 11:20 — **Matrix: Water**
Date Received: 09/10/14 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	1.0	U	1.0	0.56	ug/L			09/16/14 18:09	1
Trichloroethene	1.0	U	1.0	0.15	ug/L			09/16/14 18:09	1
Trichlorofluoromethane	1.0	U	1.0	0.49	ug/L			09/16/14 18:09	1
Vinyl chloride	1.0	U	1.0	0.29	ug/L			09/16/14 18:09	1
Xylenes, Total	2.0	U	2.0	0.43	ug/L			09/16/14 18:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*74 - 120*		*09/16/14 18:09*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 121*		*09/16/14 18:09*	*1*
4-Bromofluorobenzene (Surr)	*88*		*66 - 120*		*09/16/14 18:09*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*63 - 129*		*09/16/14 18:09*	*1*

Client Sample ID: TB-631110-090914-DJT — **Lab Sample ID: 240-41809-9**
Date Collected: 09/09/14 00:00 — **Matrix: Water**
Date Received: 09/10/14 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/16/14 18:32	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	ug/L			09/16/14 18:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.37	ug/L			09/16/14 18:32	1
1,1,2-Trichloroethane	1.0	U	1.0	0.17	ug/L			09/16/14 18:32	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/16/14 18:32	1
1,1-Dichloroethene	1.0	U	1.0	0.45	ug/L			09/16/14 18:32	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.32	ug/L			09/16/14 18:32	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.82	ug/L			09/16/14 18:32	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/16/14 18:32	1
1,2-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/16/14 18:32	1
1,2-Dichloroethane	1.0	U	1.0	0.20	ug/L			09/16/14 18:32	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			09/16/14 18:32	1
1,3-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/16/14 18:32	1
1,4-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			09/16/14 18:32	1
2-Butanone (MEK)	10	U	10	4.1	ug/L			09/16/14 18:32	1
2-Hexanone	10	U	10	3.9	ug/L			09/16/14 18:32	1
4-Methyl-2-pentanone (MIBK)	10	U	10	3.6	ug/L			09/16/14 18:32	1
Acetone	10	U	10	3.4	ug/L			09/16/14 18:32	1
Benzene	1.0	U	1.0	0.24	ug/L			09/16/14 18:32	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/16/14 18:32	1
Bromoform	1.0	U	1.0	0.56	ug/L			09/16/14 18:32	1
Bromomethane	1.0	U	1.0	0.63	ug/L			09/16/14 18:32	1
Carbon disulfide	1.0	U	1.0	0.28	ug/L			09/16/14 18:32	1
Carbon tetrachloride	1.0	U *	1.0	0.17	ug/L			09/16/14 18:32	1
Chlorobenzene	1.0	U	1.0	0.19	ug/L			09/16/14 18:32	1
Chloroethane	1.0	U	1.0	0.33	ug/L			09/16/14 18:32	1
Chloroform	1.0	U	1.0	0.21	ug/L			09/16/14 18:32	1
Chloromethane	1.0	U	1.0	0.44	ug/L			09/16/14 18:32	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			09/16/14 18:32	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			09/16/14 18:32	1
Cyclohexane	1.0	U	1.0	0.33	ug/L			09/16/14 18:32	1
Chlorodibromomethane	1.0	U	1.0	0.43	ug/L			09/16/14 18:32	1
Dichlorodifluoromethane	1.0	U	1.0	0.50	ug/L			09/16/14 18:32	1
Ethylbenzene	1.0	U	1.0	0.23	ug/L			09/16/14 18:32	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Client Sample ID: TB-631110-090914-DJT
Date Collected: 09/09/14 00:00
Date Received: 09/10/14 09:30

Lab Sample ID: 240-41809-9
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			09/16/14 18:32	1
Methyl acetate	10	U	10	2.3	ug/L			09/16/14 18:32	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			09/16/14 18:32	1
Methylcyclohexane	1.0	U	1.0	0.23	ug/L			09/16/14 18:32	1
Methylene Chloride	1.0	U	1.0	0.28	ug/L			09/16/14 18:32	1
Styrene	1.0	U	1.0	0.45	ug/L			09/16/14 18:32	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			09/16/14 18:32	1
Toluene	1.0	U	1.0	0.22	ug/L			09/16/14 18:32	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/16/14 18:32	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.56	ug/L			09/16/14 18:32	1
Trichloroethene	1.0	U	1.0	0.15	ug/L			09/16/14 18:32	1
Trichlorofluoromethane	1.0	U	1.0	0.49	ug/L			09/16/14 18:32	1
Vinyl chloride	1.0	U	1.0	0.29	ug/L			09/16/14 18:32	1
Xylenes, Total	2.0	U	2.0	0.43	ug/L			09/16/14 18:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*74 - 120*		*09/16/14 18:32*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 121*		*09/16/14 18:32*	*1*
4-Bromofluorobenzene (Surr)	*88*		*66 - 120*		*09/16/14 18:32*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*63 - 129*		*09/16/14 18:32*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 631110, NL Industries

TestAmerica Job ID: 240-41809-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Client Sample ID: WG-631110-090914-SG-001
Date Collected: 09/09/14 09:55
Date Received: 09/10/14 09:30

Lab Sample ID: 240-41809-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.95	U	0.95	0.12	ug/L		09/15/14 08:01	09/17/14 12:40	1
bis (2-chloroisopropyl) ether	0.95	U	0.95	0.38	ug/L		09/15/14 08:01	09/17/14 12:40	1
2,4,5-Trichlorophenol	4.8	U *	4.8	0.29	ug/L		09/15/14 08:01	09/17/14 12:40	1
2,4,6-Trichlorophenol	4.8	U *	4.8	0.23	ug/L		09/15/14 08:01	09/17/14 12:40	1
2,4-Dichlorophenol	1.9	U *	1.9	0.18	ug/L		09/15/14 08:01	09/17/14 12:40	1
2,4-Dimethylphenol	1.9	U	1.9	0.24	ug/L		09/15/14 08:01	09/17/14 12:40	1
2,4-Dinitrophenol	4.8	U *	4.8	0.30	ug/L		09/15/14 08:01	09/17/14 12:40	1
2,4-Dinitrotoluene	4.8	U	4.8	0.24	ug/L		09/15/14 08:01	09/17/14 12:40	1
2,6-Dinitrotoluene	4.8	U	4.8	0.76	ug/L		09/15/14 08:01	09/17/14 12:40	1
2-Chloronaphthalene	0.95	U	0.95	0.095	ug/L		09/15/14 08:01	09/17/14 12:40	1
2-Chlorophenol	0.95	U *	0.95	0.28	ug/L		09/15/14 08:01	09/17/14 12:40	1
2-Methylnaphthalene	0.19	U	0.19	0.086	ug/L		09/15/14 08:01	09/17/14 12:40	1
2-Methylphenol	0.95	U	0.95	0.16	ug/L		09/15/14 08:01	09/17/14 12:40	1
2-Nitroaniline	1.9	U	1.9	0.20	ug/L		09/15/14 08:01	09/17/14 12:40	1
2-Nitrophenol	1.9	U *	1.9	0.27	ug/L		09/15/14 08:01	09/17/14 12:40	1
3,3'-Dichlorobenzidine	4.8	U	4.8	0.35	ug/L		09/15/14 08:01	09/17/14 12:40	1
3-Nitroaniline	1.9	U	1.9	0.27	ug/L		09/15/14 08:01	09/17/14 12:40	1
4,6-Dinitro-2-methylphenol	4.8	U *	4.8	2.3	ug/L		09/15/14 08:01	09/17/14 12:40	1
4-Bromophenyl phenyl ether	1.9	U	1.9	0.21	ug/L		09/15/14 08:01	09/17/14 12:40	1
4-Chloro-3-methylphenol	1.9	U *	1.9	0.20	ug/L		09/15/14 08:01	09/17/14 12:40	1
4-Chloroaniline	1.9	U	1.9	0.20	ug/L		09/15/14 08:01	09/17/14 12:40	1
4-Chlorophenyl phenyl ether	1.9	U	1.9	0.29	ug/L		09/15/14 08:01	09/17/14 12:40	1
4-Nitroaniline	1.9	U	1.9	0.21	ug/L		09/15/14 08:01	09/17/14 12:40	1
4-Nitrophenol	4.8	U *	4.8	0.28	ug/L		09/15/14 08:01	09/17/14 12:40	1
Acenaphthene	0.19	U	0.19	0.042	ug/L		09/15/14 08:01	09/17/14 12:40	1
Acenaphthylene	0.19	U	0.19	0.046	ug/L		09/15/14 08:01	09/17/14 12:40	1
Acetophenone	0.95	U	0.95	0.32	ug/L		09/15/14 08:01	09/17/14 12:40	1
Anthracene	0.19	U	0.19	0.084	ug/L		09/15/14 08:01	09/17/14 12:40	1
Atrazine	0.95	U	0.95	0.32	ug/L		09/15/14 08:01	09/17/14 12:40	1
Benzaldehyde	0.95	U	0.95	0.37	ug/L		09/15/14 08:01	09/17/14 12:40	1
Benzo[a]anthracene	0.19	U	0.19	0.028	ug/L		09/15/14 08:01	09/17/14 12:40	1
Benzo[a]pyrene	0.19	U	0.19	0.049	ug/L		09/15/14 08:01	09/17/14 12:40	1
Benzo[b]fluoranthene	0.19	U	0.19	0.038	ug/L		09/15/14 08:01	09/17/14 12:40	1
Benzo[g,h,i]perylene	0.19	U	0.19	0.044	ug/L		09/15/14 08:01	09/17/14 12:40	1
Benzo[k]fluoranthene	0.19	U	0.19	0.043	ug/L		09/15/14 08:01	09/17/14 12:40	1
Bis(2-chloroethoxy)methane	0.95	U	0.95	0.30	ug/L		09/15/14 08:01	09/17/14 12:40	1
Bis(2-chloroethyl)ether	0.95	U	0.95	0.095	ug/L		09/15/14 08:01	09/17/14 12:40	1
Bis(2-ethylhexyl) phthalate	4.8	U	4.8	1.6	ug/L		09/15/14 08:01	09/17/14 12:40	1
Butyl benzyl phthalate	1.9	U	1.9	0.25	ug/L		09/15/14 08:01	09/17/14 12:40	1
Caprolactam	**0.30**	**J B**	4.8	0.19	ug/L		09/15/14 08:01	09/17/14 12:40	1
Carbazole	0.95	U	0.95	0.27	ug/L		09/15/14 08:01	09/17/14 12:40	1
Chrysene	0.19	U	0.19	0.048	ug/L		09/15/14 08:01	09/17/14 12:40	1
Dibenz(a,h)anthracene	0.19	U	0.19	0.042	ug/L		09/15/14 08:01	09/17/14 12:40	1
Dibenzofuran	0.95	U	0.95	0.019	ug/L		09/15/14 08:01	09/17/14 12:40	1
Diethyl phthalate	1.9	U	1.9	0.57	ug/L		09/15/14 08:01	09/17/14 12:40	1
Dimethyl phthalate	1.9	U	1.9	0.28	ug/L		09/15/14 08:01	09/17/14 12:40	1
Di-n-butyl phthalate	4.8	U	4.8	1.6	ug/L		09/15/14 08:01	09/17/14 12:40	1
Di-n-octyl phthalate	1.9	U	1.9	0.22	ug/L		09/15/14 08:01	09/17/14 12:40	1
Fluoranthene	0.19	U	0.19	0.042	ug/L		09/15/14 08:01	09/17/14 12:40	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: WG-631110-090914-SG-001
Date Collected: 09/09/14 09:55
Date Received: 09/10/14 09:30

Lab Sample ID: 240-41809-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	0.19	U	0.19	0.039	ug/L		09/15/14 08:01	09/17/14 12:40	1
Hexachlorobenzene	0.19	U	0.19	0.081	ug/L		09/15/14 08:01	09/17/14 12:40	1
Hexachlorobutadiene	0.95	U	0.95	0.26	ug/L		09/15/14 08:01	09/17/14 12:40	1
Hexachlorocyclopentadiene	9.5	U	9.5	0.23	ug/L		09/15/14 08:01	09/17/14 12:40	1
Hexachloroethane	0.95	U	0.95	0.18	ug/L		09/15/14 08:01	09/17/14 12:40	1
Indeno[1,2,3-cd]pyrene	0.19	U	0.19	0.041	ug/L		09/15/14 08:01	09/17/14 12:40	1
Isophorone	0.95	U	0.95	0.26	ug/L		09/15/14 08:01	09/17/14 12:40	1
N-Nitrosodi-n-propylamine	0.95	U	0.95	0.23	ug/L		09/15/14 08:01	09/17/14 12:40	1
N-Nitrosodiphenylamine	0.95	U	0.95	0.30	ug/L		09/15/14 08:01	09/17/14 12:40	1
Naphthalene	0.19	U	0.19	0.060	ug/L		09/15/14 08:01	09/17/14 12:40	1
Nitrobenzene	0.95	U	0.95	0.038	ug/L		09/15/14 08:01	09/17/14 12:40	1
Pentachlorophenol	4.8	U *	4.8	0.26	ug/L		09/15/14 08:01	09/17/14 12:40	1
Phenanthrene	0.19	U	0.19	0.059	ug/L		09/15/14 08:01	09/17/14 12:40	1
Phenol	0.95	U *	0.95	0.57	ug/L		09/15/14 08:01	09/17/14 12:40	1
Pyrene	0.19	U	0.19	0.040	ug/L		09/15/14 08:01	09/17/14 12:40	1
3 & 4 Methylphenol	1.9	U *	1.9	0.76	ug/L		09/15/14 08:01	09/17/14 12:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*74*		*31 - 115*	*09/15/14 08:01*	*09/17/14 12:40*	*1*
Phenol-d5 (Surr)	*20*		*10 - 110*	*09/15/14 08:01*	*09/17/14 12:40*	*1*
Nitrobenzene-d5 (Surr)	*72*		*31 - 110*	*09/15/14 08:01*	*09/17/14 12:40*	*1*
2-Fluorophenol (Surr)	*36*		*15 - 110*	*09/15/14 08:01*	*09/17/14 12:40*	*1*
2-Fluorobiphenyl (Surr)	*69*		*29 - 110*	*09/15/14 08:01*	*09/17/14 12:40*	*1*
2,4,6-Tribromophenol (Surr)	*70*		*21 - 128*	*09/15/14 08:01*	*09/17/14 12:40*	*1*

Client Sample ID: EB-631110-090914-DJT-002
Date Collected: 09/09/14 09:30
Date Received: 09/10/14 09:30

Lab Sample ID: 240-41809-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.96	U	0.96	0.13	ug/L		09/15/14 08:01	09/17/14 13:04	1
bis (2-chloroisopropyl) ether	0.96	U	0.96	0.38	ug/L		09/15/14 08:01	09/17/14 13:04	1
2,4,5-Trichlorophenol	4.8	U *	4.8	0.29	ug/L		09/15/14 08:01	09/17/14 13:04	1
2,4,6-Trichlorophenol	4.8	U *	4.8	0.23	ug/L		09/15/14 08:01	09/17/14 13:04	1
2,4-Dichlorophenol	1.9	U *	1.9	0.18	ug/L		09/15/14 08:01	09/17/14 13:04	1
2,4-Dimethylphenol	1.9	U	1.9	0.24	ug/L		09/15/14 08:01	09/17/14 13:04	1
2,4-Dinitrophenol	4.8	U *	4.8	0.31	ug/L		09/15/14 08:01	09/17/14 13:04	1
2,4-Dinitrotoluene	4.8	U	4.8	0.24	ug/L		09/15/14 08:01	09/17/14 13:04	1
2,6-Dinitrotoluene	4.8	U	4.8	0.77	ug/L		09/15/14 08:01	09/17/14 13:04	1
2-Chloronaphthalene	0.96	U	0.96	0.096	ug/L		09/15/14 08:01	09/17/14 13:04	1
2-Chlorophenol	0.96	U *	0.96	0.28	ug/L		09/15/14 08:01	09/17/14 13:04	1
2-Methylnaphthalene	0.19	U	0.19	0.087	ug/L		09/15/14 08:01	09/17/14 13:04	1
2-Methylphenol	0.96	U	0.96	0.16	ug/L		09/15/14 08:01	09/17/14 13:04	1
2-Nitroaniline	1.9	U	1.9	0.20	ug/L		09/15/14 08:01	09/17/14 13:04	1
2-Nitrophenol	1.9	U *	1.9	0.27	ug/L		09/15/14 08:01	09/17/14 13:04	1
3,3'-Dichlorobenzidine	4.8	U	4.8	0.36	ug/L		09/15/14 08:01	09/17/14 13:04	1
3-Nitroaniline	1.9	U	1.9	0.27	ug/L		09/15/14 08:01	09/17/14 13:04	1
4,6-Dinitro-2-methylphenol	4.8	U *	4.8	2.3	ug/L		09/15/14 08:01	09/17/14 13:04	1
4-Bromophenyl phenyl ether	1.9	U	1.9	0.21	ug/L		09/15/14 08:01	09/17/14 13:04	1
4-Chloro-3-methylphenol	1.9	U *	1.9	0.20	ug/L		09/15/14 08:01	09/17/14 13:04	1
4-Chloroaniline	1.9	U	1.9	0.20	ug/L		09/15/14 08:01	09/17/14 13:04	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: EB-631110-090914-DJT-002
Date Collected: 09/09/14 09:30
Date Received: 09/10/14 09:30

Lab Sample ID: 240-41809-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chlorophenyl phenyl ether	1.9	U	1.9	0.29	ug/L		09/15/14 08:01	09/17/14 13:04	1
4-Nitroaniline	1.9	U	1.9	0.21	ug/L		09/15/14 08:01	09/17/14 13:04	1
4-Nitrophenol	4.8	U *	4.8	0.28	ug/L		09/15/14 08:01	09/17/14 13:04	1
Acenaphthene	0.19	U	0.19	0.043	ug/L		09/15/14 08:01	09/17/14 13:04	1
Acenaphthylene	0.19	U	0.19	0.046	ug/L		09/15/14 08:01	09/17/14 13:04	1
Acetophenone	0.96	U	0.96	0.33	ug/L		09/15/14 08:01	09/17/14 13:04	1
Anthracene	0.19	U	0.19	0.085	ug/L		09/15/14 08:01	09/17/14 13:04	1
Atrazine	0.96	U	0.96	0.33	ug/L		09/15/14 08:01	09/17/14 13:04	1
Benzaldehyde	0.96	U	0.96	0.37	ug/L		09/15/14 08:01	09/17/14 13:04	1
Benzo[a]anthracene	0.19	U	0.19	0.028	ug/L		09/15/14 08:01	09/17/14 13:04	1
Benzo[a]pyrene	0.19	U	0.19	0.049	ug/L		09/15/14 08:01	09/17/14 13:04	1
Benzo[b]fluoranthene	0.19	U	0.19	0.038	ug/L		09/15/14 08:01	09/17/14 13:04	1
Benzo[g,h,i]perylene	0.19	U	0.19	0.045	ug/L		09/15/14 08:01	09/17/14 13:04	1
Benzo[k]fluoranthene	0.19	U	0.19	0.043	ug/L		09/15/14 08:01	09/17/14 13:04	1
Bis(2-chloroethoxy)methane	0.96	U	0.96	0.31	ug/L		09/15/14 08:01	09/17/14 13:04	1
Bis(2-chloroethyl)ether	0.96	U	0.96	0.096	ug/L		09/15/14 08:01	09/17/14 13:04	1
Bis(2-ethylhexyl) phthalate	4.8	U	4.8	1.6	ug/L		09/15/14 08:01	09/17/14 13:04	1
Butyl benzyl phthalate	1.9	U	1.9	0.25	ug/L		09/15/14 08:01	09/17/14 13:04	1
Caprolactam	4.8	U	4.8	0.19	ug/L		09/15/14 08:01	09/17/14 13:04	1
Carbazole	0.96	U	0.96	0.27	ug/L		09/15/14 08:01	09/17/14 13:04	1
Chrysene	0.19	U	0.19	0.048	ug/L		09/15/14 08:01	09/17/14 13:04	1
Dibenz(a,h)anthracene	0.19	U	0.19	0.043	ug/L		09/15/14 08:01	09/17/14 13:04	1
Dibenzofuran	0.96	U	0.96	0.019	ug/L		09/15/14 08:01	09/17/14 13:04	1
Diethyl phthalate	1.9	U	1.9	0.58	ug/L		09/15/14 08:01	09/17/14 13:04	1
Dimethyl phthalate	1.9	U	1.9	0.28	ug/L		09/15/14 08:01	09/17/14 13:04	1
Di-n-butyl phthalate	4.8	U	4.8	1.6	ug/L		09/15/14 08:01	09/17/14 13:04	1
Di-n-octyl phthalate	1.9	U	1.9	0.22	ug/L		09/15/14 08:01	09/17/14 13:04	1
Fluoranthene	0.19	U	0.19	0.043	ug/L		09/15/14 08:01	09/17/14 13:04	1
Fluorene	0.19	U	0.19	0.039	ug/L		09/15/14 08:01	09/17/14 13:04	1
Hexachlorobenzene	0.19	U	0.19	0.082	ug/L		09/15/14 08:01	09/17/14 13:04	1
Hexachlorobutadiene	0.96	U	0.96	0.26	ug/L		09/15/14 08:01	09/17/14 13:04	1
Hexachlorocyclopentadiene	9.6	U	9.6	0.23	ug/L		09/15/14 08:01	09/17/14 13:04	1
Hexachloroethane	0.96	U	0.96	0.18	ug/L		09/15/14 08:01	09/17/14 13:04	1
Indeno[1,2,3-cd]pyrene	0.19	U	0.19	0.042	ug/L		09/15/14 08:01	09/17/14 13:04	1
Isophorone	0.96	U	0.96	0.26	ug/L		09/15/14 08:01	09/17/14 13:04	1
N-Nitrosodi-n-propylamine	0.96	U	0.96	0.23	ug/L		09/15/14 08:01	09/17/14 13:04	1
N-Nitrosodiphenylamine	0.96	U	0.96	0.30	ug/L		09/15/14 08:01	09/17/14 13:04	1
Naphthalene	0.19	U	0.19	0.060	ug/L		09/15/14 08:01	09/17/14 13:04	1
Nitrobenzene	0.96	U	0.96	0.038	ug/L		09/15/14 08:01	09/17/14 13:04	1
Pentachlorophenol	4.8	U *	4.8	0.26	ug/L		09/15/14 08:01	09/17/14 13:04	1
Phenanthrene	0.19	U	0.19	0.060	ug/L		09/15/14 08:01	09/17/14 13:04	1
Phenol	0.96	U *	0.96	0.58	ug/L		09/15/14 08:01	09/17/14 13:04	1
Pyrene	0.19	U	0.19	0.040	ug/L		09/15/14 08:01	09/17/14 13:04	1
3 & 4 Methylphenol	1.9	U *	1.9	0.77	ug/L		09/15/14 08:01	09/17/14 13:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*79*		*31 - 115*	*09/15/14 08:01*	*09/17/14 13:04*	*1*
Phenol-d5 (Surr)	*20*		*10 - 110*	*09/15/14 08:01*	*09/17/14 13:04*	*1*
Nitrobenzene-d5 (Surr)	*67*		*31 - 110*	*09/15/14 08:01*	*09/17/14 13:04*	*1*
2-Fluorophenol (Surr)	*36*		*15 - 110*	*09/15/14 08:01*	*09/17/14 13:04*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: EB-631110-090914-DJT-002
Date Collected: 09/09/14 09:30
Date Received: 09/10/14 09:30

Lab Sample ID: 240-41809-2
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*69*		*29 - 110*	*09/15/14 08:01*	*09/17/14 13:04*	*1*
2,4,6-Tribromophenol (Surr)	*69*		*21 - 128*	*09/15/14 08:01*	*09/17/14 13:04*	*1*

Client Sample ID: WG-631110-090914-SG-003
Date Collected: 09/09/14 11:10
Date Received: 09/10/14 09:30

Lab Sample ID: 240-41809-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.96	U	0.96	0.13	ug/L		09/15/14 08:01	09/17/14 13:28	1
bis (2-chloroisopropyl) ether	0.96	U	0.96	0.38	ug/L		09/15/14 08:01	09/17/14 13:28	1
2,4,5-Trichlorophenol	4.8	U *	4.8	0.29	ug/L		09/15/14 08:01	09/17/14 13:28	1
2,4,6-Trichlorophenol	4.8	U *	4.8	0.23	ug/L		09/15/14 08:01	09/17/14 13:28	1
2,4-Dichlorophenol	1.9	U *	1.9	0.18	ug/L		09/15/14 08:01	09/17/14 13:28	1
2,4-Dimethylphenol	1.9	U	1.9	0.24	ug/L		09/15/14 08:01	09/17/14 13:28	1
2,4-Dinitrophenol	4.8	U *	4.8	0.31	ug/L		09/15/14 08:01	09/17/14 13:28	1
2,4-Dinitrotoluene	4.8	U	4.8	0.24	ug/L		09/15/14 08:01	09/17/14 13:28	1
2,6-Dinitrotoluene	4.8	U	4.8	0.77	ug/L		09/15/14 08:01	09/17/14 13:28	1
2-Chloronaphthalene	0.96	U	0.96	0.096	ug/L		09/15/14 08:01	09/17/14 13:28	1
2-Chlorophenol	0.96	U *	0.96	0.28	ug/L		09/15/14 08:01	09/17/14 13:28	1
2-Methylnaphthalene	0.19	U	0.19	0.087	ug/L		09/15/14 08:01	09/17/14 13:28	1
2-Methylphenol	0.96	U	0.96	0.16	ug/L		09/15/14 08:01	09/17/14 13:28	1
2-Nitroaniline	1.9	U	1.9	0.20	ug/L		09/15/14 08:01	09/17/14 13:28	1
2-Nitrophenol	1.9	U *	1.9	0.27	ug/L		09/15/14 08:01	09/17/14 13:28	1
3,3'-Dichlorobenzidine	4.8	U	4.8	0.36	ug/L		09/15/14 08:01	09/17/14 13:28	1
3-Nitroaniline	1.9	U	1.9	0.27	ug/L		09/15/14 08:01	09/17/14 13:28	1
4,6-Dinitro-2-methylphenol	4.8	U *	4.8	2.3	ug/L		09/15/14 08:01	09/17/14 13:28	1
4-Bromophenyl phenyl ether	1.9	U	1.9	0.21	ug/L		09/15/14 08:01	09/17/14 13:28	1
4-Chloro-3-methylphenol	1.9	U *	1.9	0.20	ug/L		09/15/14 08:01	09/17/14 13:28	1
4-Chloroaniline	1.9	U	1.9	0.20	ug/L		09/15/14 08:01	09/17/14 13:28	1
4-Chlorophenyl phenyl ether	1.9	U	1.9	0.29	ug/L		09/15/14 08:01	09/17/14 13:28	1
4-Nitroaniline	1.9	U	1.9	0.21	ug/L		09/15/14 08:01	09/17/14 13:28	1
4-Nitrophenol	4.8	U *	4.8	0.28	ug/L		09/15/14 08:01	09/17/14 13:28	1
Acenaphthene	0.19	U	0.19	0.043	ug/L		09/15/14 08:01	09/17/14 13:28	1
Acenaphthylene	0.19	U	0.19	0.046	ug/L		09/15/14 08:01	09/17/14 13:28	1
Acetophenone	0.96	U	0.96	0.33	ug/L		09/15/14 08:01	09/17/14 13:28	1
Anthracene	0.19	U	0.19	0.085	ug/L		09/15/14 08:01	09/17/14 13:28	1
Atrazine	0.96	U	0.96	0.33	ug/L		09/15/14 08:01	09/17/14 13:28	1
Benzaldehyde	0.96	U	0.96	0.37	ug/L		09/15/14 08:01	09/17/14 13:28	1
Benzo[a]anthracene	0.19	U	0.19	0.028	ug/L		09/15/14 08:01	09/17/14 13:28	1
Benzo[a]pyrene	0.19	U	0.19	0.049	ug/L		09/15/14 08:01	09/17/14 13:28	1
Benzo[b]fluoranthene	0.19	U	0.19	0.038	ug/L		09/15/14 08:01	09/17/14 13:28	1
Benzo[g,h,i]perylene	0.19	U	0.19	0.045	ug/L		09/15/14 08:01	09/17/14 13:28	1
Benzo[k]fluoranthene	0.19	U	0.19	0.043	ug/L		09/15/14 08:01	09/17/14 13:28	1
Bis(2-chloroethoxy)methane	0.96	U	0.96	0.31	ug/L		09/15/14 08:01	09/17/14 13:28	1
Bis(2-chloroethyl)ether	0.96	U	0.96	0.096	ug/L		09/15/14 08:01	09/17/14 13:28	1
Bis(2-ethylhexyl) phthalate	4.8	U	4.8	1.6	ug/L		09/15/14 08:01	09/17/14 13:28	1
Butyl benzyl phthalate	1.9	U	1.9	0.25	ug/L		09/15/14 08:01	09/17/14 13:28	1
Caprolactam	**0.27**	**J B**	4.8	0.19	ug/L		09/15/14 08:01	09/17/14 13:28	1
Carbazole	0.96	U	0.96	0.27	ug/L		09/15/14 08:01	09/17/14 13:28	1
Chrysene	0.19	U	0.19	0.048	ug/L		09/15/14 08:01	09/17/14 13:28	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: WG-631110-090914-SG-003 — **Lab Sample ID: 240-41809-3**
Date Collected: 09/09/14 11:10 — **Matrix: Water**
Date Received: 09/10/14 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	0.19	U	0.19	0.043	ug/L		09/15/14 08:01	09/17/14 13:28	1
Dibenzofuran	0.96	U	0.96	0.019	ug/L		09/15/14 08:01	09/17/14 13:28	1
Diethyl phthalate	1.9	U	1.9	0.58	ug/L		09/15/14 08:01	09/17/14 13:28	1
Dimethyl phthalate	1.9	U	1.9	0.28	ug/L		09/15/14 08:01	09/17/14 13:28	1
Di-n-butyl phthalate	4.8	U	4.8	1.6	ug/L		09/15/14 08:01	09/17/14 13:28	1
Di-n-octyl phthalate	1.9	U	1.9	0.22	ug/L		09/15/14 08:01	09/17/14 13:28	1
Fluoranthene	0.19	U	0.19	0.043	ug/L		09/15/14 08:01	09/17/14 13:28	1
Fluorene	0.19	U	0.19	0.039	ug/L		09/15/14 08:01	09/17/14 13:28	1
Hexachlorobenzene	0.19	U	0.19	0.082	ug/L		09/15/14 08:01	09/17/14 13:28	1
Hexachlorobutadiene	0.96	U	0.96	0.26	ug/L		09/15/14 08:01	09/17/14 13:28	1
Hexachlorocyclopentadiene	9.6	U	9.6	0.23	ug/L		09/15/14 08:01	09/17/14 13:28	1
Hexachloroethane	0.96	U	0.96	0.18	ug/L		09/15/14 08:01	09/17/14 13:28	1
Indeno[1,2,3-cd]pyrene	0.19	U	0.19	0.042	ug/L		09/15/14 08:01	09/17/14 13:28	1
Isophorone	0.96	U	0.96	0.26	ug/L		09/15/14 08:01	09/17/14 13:28	1
N-Nitrosodi-n-propylamine	0.96	U	0.96	0.23	ug/L		09/15/14 08:01	09/17/14 13:28	1
N-Nitrosodiphenylamine	0.96	U	0.96	0.30	ug/L		09/15/14 08:01	09/17/14 13:28	1
Naphthalene	0.19	U	0.19	0.060	ug/L		09/15/14 08:01	09/17/14 13:28	1
Nitrobenzene	0.96	U	0.96	0.038	ug/L		09/15/14 08:01	09/17/14 13:28	1
Pentachlorophenol	4.8	U *	4.8	0.26	ug/L		09/15/14 08:01	09/17/14 13:28	1
Phenanthrene	0.19	U	0.19	0.060	ug/L		09/15/14 08:01	09/17/14 13:28	1
Phenol	0.96	U *	0.96	0.58	ug/L		09/15/14 08:01	09/17/14 13:28	1
Pyrene	0.19	U	0.19	0.040	ug/L		09/15/14 08:01	09/17/14 13:28	1
3 & 4 Methylphenol	1.9	U *	1.9	0.77	ug/L		09/15/14 08:01	09/17/14 13:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*75*		*31 - 115*	*09/15/14 08:01*	*09/17/14 13:28*	*1*
Phenol-d5 (Surr)	*21*		*10 - 110*	*09/15/14 08:01*	*09/17/14 13:28*	*1*
Nitrobenzene-d5 (Surr)	*68*		*31 - 110*	*09/15/14 08:01*	*09/17/14 13:28*	*1*
2-Fluorophenol (Surr)	*37*		*15 - 110*	*09/15/14 08:01*	*09/17/14 13:28*	*1*
2-Fluorobiphenyl (Surr)	*68*		*29 - 110*	*09/15/14 08:01*	*09/17/14 13:28*	*1*
2,4,6-Tribromophenol (Surr)	*80*		*21 - 128*	*09/15/14 08:01*	*09/17/14 13:28*	*1*

Client Sample ID: WG-631110-090914-DJT-004 — **Lab Sample ID: 240-41809-4**
Date Collected: 09/09/14 09:55 — **Matrix: Water**
Date Received: 09/10/14 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.96	U	0.96	0.13	ug/L		09/15/14 08:01	09/17/14 13:53	1
bis (2-chloroisopropyl) ether	0.96	U	0.96	0.38	ug/L		09/15/14 08:01	09/17/14 13:53	1
2,4,5-Trichlorophenol	4.8	U *	4.8	0.29	ug/L		09/15/14 08:01	09/17/14 13:53	1
2,4,6-Trichlorophenol	4.8	U *	4.8	0.23	ug/L		09/15/14 08:01	09/17/14 13:53	1
2,4-Dichlorophenol	1.9	U *	1.9	0.18	ug/L		09/15/14 08:01	09/17/14 13:53	1
2,4-Dimethylphenol	1.9	U	1.9	0.24	ug/L		09/15/14 08:01	09/17/14 13:53	1
2,4-Dinitrophenol	4.8	U *	4.8	0.31	ug/L		09/15/14 08:01	09/17/14 13:53	1
2,4-Dinitrotoluene	4.8	U	4.8	0.24	ug/L		09/15/14 08:01	09/17/14 13:53	1
2,6-Dinitrotoluene	4.8	U	4.8	0.77	ug/L		09/15/14 08:01	09/17/14 13:53	1
2-Chloronaphthalene	0.96	U	0.96	0.096	ug/L		09/15/14 08:01	09/17/14 13:53	1
2-Chlorophenol	0.96	U *	0.96	0.28	ug/L		09/15/14 08:01	09/17/14 13:53	1
2-Methylnaphthalene	0.19	U	0.19	0.087	ug/L		09/15/14 08:01	09/17/14 13:53	1
2-Methylphenol	0.96	U	0.96	0.16	ug/L		09/15/14 08:01	09/17/14 13:53	1
2-Nitroaniline	1.9	U	1.9	0.20	ug/L		09/15/14 08:01	09/17/14 13:53	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: WG-631110-090914-DJT-004
Date Collected: 09/09/14 09:55
Date Received: 09/10/14 09:30

Lab Sample ID: 240-41809-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	1.9	U *	1.9	0.27	ug/L		09/15/14 08:01	09/17/14 13:53	1
3,3'-Dichlorobenzidine	4.8	U	4.8	0.36	ug/L		09/15/14 08:01	09/17/14 13:53	1
3-Nitroaniline	1.9	U	1.9	0.27	ug/L		09/15/14 08:01	09/17/14 13:53	1
4,6-Dinitro-2-methylphenol	4.8	U *	4.8	2.3	ug/L		09/15/14 08:01	09/17/14 13:53	1
4-Bromophenyl phenyl ether	1.9	U	1.9	0.21	ug/L		09/15/14 08:01	09/17/14 13:53	1
4-Chloro-3-methylphenol	1.9	U *	1.9	0.20	ug/L		09/15/14 08:01	09/17/14 13:53	1
4-Chloroaniline	1.9	U	1.9	0.20	ug/L		09/15/14 08:01	09/17/14 13:53	1
4-Chlorophenyl phenyl ether	1.9	U	1.9	0.29	ug/L		09/15/14 08:01	09/17/14 13:53	1
4-Nitroaniline	1.9	U	1.9	0.21	ug/L		09/15/14 08:01	09/17/14 13:53	1
4-Nitrophenol	4.8	U *	4.8	0.28	ug/L		09/15/14 08:01	09/17/14 13:53	1
Acenaphthene	0.19	U	0.19	0.043	ug/L		09/15/14 08:01	09/17/14 13:53	1
Acenaphthylene	0.19	U	0.19	0.046	ug/L		09/15/14 08:01	09/17/14 13:53	1
Acetophenone	0.96	U	0.96	0.33	ug/L		09/15/14 08:01	09/17/14 13:53	1
Anthracene	0.19	U	0.19	0.085	ug/L		09/15/14 08:01	09/17/14 13:53	1
Atrazine	0.96	U	0.96	0.33	ug/L		09/15/14 08:01	09/17/14 13:53	1
Benzaldehyde	0.96	U	0.96	0.37	ug/L		09/15/14 08:01	09/17/14 13:53	1
Benzo[a]anthracene	0.19	U	0.19	0.028	ug/L		09/15/14 08:01	09/17/14 13:53	1
Benzo[a]pyrene	0.19	U	0.19	0.049	ug/L		09/15/14 08:01	09/17/14 13:53	1
Benzo[b]fluoranthene	0.19	U	0.19	0.038	ug/L		09/15/14 08:01	09/17/14 13:53	1
Benzo[g,h,i]perylene	0.19	U	0.19	0.045	ug/L		09/15/14 08:01	09/17/14 13:53	1
Benzo[k]fluoranthene	0.19	U	0.19	0.043	ug/L		09/15/14 08:01	09/17/14 13:53	1
Bis(2-chloroethoxy)methane	0.96	U	0.96	0.31	ug/L		09/15/14 08:01	09/17/14 13:53	1
Bis(2-chloroethyl)ether	0.96	U	0.96	0.096	ug/L		09/15/14 08:01	09/17/14 13:53	1
Bis(2-ethylhexyl) phthalate	4.8	U	4.8	1.6	ug/L		09/15/14 08:01	09/17/14 13:53	1
Butyl benzyl phthalate	1.9	U	1.9	0.25	ug/L		09/15/14 08:01	09/17/14 13:53	1
Caprolactam	**0.52**	**J B**	4.8	0.19	ug/L		09/15/14 08:01	09/17/14 13:53	1
Carbazole	0.96	U	0.96	0.27	ug/L		09/15/14 08:01	09/17/14 13:53	1
Chrysene	0.19	U	0.19	0.048	ug/L		09/15/14 08:01	09/17/14 13:53	1
Dibenz(a,h)anthracene	0.19	U	0.19	0.043	ug/L		09/15/14 08:01	09/17/14 13:53	1
Dibenzofuran	0.96	U	0.96	0.019	ug/L		09/15/14 08:01	09/17/14 13:53	1
Diethyl phthalate	1.9	U	1.9	0.58	ug/L		09/15/14 08:01	09/17/14 13:53	1
Dimethyl phthalate	1.9	U	1.9	0.28	ug/L		09/15/14 08:01	09/17/14 13:53	1
Di-n-butyl phthalate	4.8	U	4.8	1.6	ug/L		09/15/14 08:01	09/17/14 13:53	1
Di-n-octyl phthalate	1.9	U	1.9	0.22	ug/L		09/15/14 08:01	09/17/14 13:53	1
Fluoranthene	0.19	U	0.19	0.043	ug/L		09/15/14 08:01	09/17/14 13:53	1
Fluorene	0.19	U	0.19	0.039	ug/L		09/15/14 08:01	09/17/14 13:53	1
Hexachlorobenzene	0.19	U	0.19	0.082	ug/L		09/15/14 08:01	09/17/14 13:53	1
Hexachlorobutadiene	0.96	U	0.96	0.26	ug/L		09/15/14 08:01	09/17/14 13:53	1
Hexachlorocyclopentadiene	9.6	U	9.6	0.23	ug/L		09/15/14 08:01	09/17/14 13:53	1
Hexachloroethane	0.96	U	0.96	0.18	ug/L		09/15/14 08:01	09/17/14 13:53	1
Indeno[1,2,3-cd]pyrene	0.19	U	0.19	0.042	ug/L		09/15/14 08:01	09/17/14 13:53	1
Isophorone	0.96	U	0.96	0.26	ug/L		09/15/14 08:01	09/17/14 13:53	1
N-Nitrosodi-n-propylamine	0.96	U	0.96	0.23	ug/L		09/15/14 08:01	09/17/14 13:53	1
N-Nitrosodiphenylamine	0.96	U	0.96	0.30	ug/L		09/15/14 08:01	09/17/14 13:53	1
Naphthalene	0.19	U	0.19	0.060	ug/L		09/15/14 08:01	09/17/14 13:53	1
Nitrobenzene	0.96	U	0.96	0.038	ug/L		09/15/14 08:01	09/17/14 13:53	1
Pentachlorophenol	4.8	U *	4.8	0.26	ug/L		09/15/14 08:01	09/17/14 13:53	1
Phenanthrene	0.19	U	0.19	0.060	ug/L		09/15/14 08:01	09/17/14 13:53	1
Phenol	0.96	U *	0.96	0.58	ug/L		09/15/14 08:01	09/17/14 13:53	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: WG-631110-090914-DJT-004
Date Collected: 09/09/14 09:55
Date Received: 09/10/14 09:30

Lab Sample ID: 240-41809-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyrene	0.19	U	0.19	0.040	ug/L		09/15/14 08:01	09/17/14 13:53	1
3 & 4 Methylphenol	1.9	U *	1.9	0.77	ug/L		09/15/14 08:01	09/17/14 13:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*82*		*31 - 115*	*09/15/14 08:01*	*09/17/14 13:53*	*1*
Phenol-d5 (Surr)	*20*		*10 - 110*	*09/15/14 08:01*	*09/17/14 13:53*	*1*
Nitrobenzene-d5 (Surr)	*66*		*31 - 110*	*09/15/14 08:01*	*09/17/14 13:53*	*1*
2-Fluorophenol (Surr)	*34*		*15 - 110*	*09/15/14 08:01*	*09/17/14 13:53*	*1*
2-Fluorobiphenyl (Surr)	*66*		*29 - 110*	*09/15/14 08:01*	*09/17/14 13:53*	*1*
2,4,6-Tribromophenol (Surr)	*81*		*21 - 128*	*09/15/14 08:01*	*09/17/14 13:53*	*1*

Client Sample ID: WG-631110-090914-SG-005
Date Collected: 09/09/14 11:10
Date Received: 09/10/14 09:30

Lab Sample ID: 240-41809-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.96	U	0.96	0.13	ug/L		09/15/14 08:01	09/17/14 14:17	1
bis (2-chloroisopropyl) ether	0.96	U	0.96	0.38	ug/L		09/15/14 08:01	09/17/14 14:17	1
2,4,5-Trichlorophenol	4.8	U *	4.8	0.29	ug/L		09/15/14 08:01	09/17/14 14:17	1
2,4,6-Trichlorophenol	4.8	U *	4.8	0.23	ug/L		09/15/14 08:01	09/17/14 14:17	1
2,4-Dichlorophenol	1.9	U *	1.9	0.18	ug/L		09/15/14 08:01	09/17/14 14:17	1
2,4-Dimethylphenol	1.9	U	1.9	0.24	ug/L		09/15/14 08:01	09/17/14 14:17	1
2,4-Dinitrophenol	4.8	U *	4.8	0.31	ug/L		09/15/14 08:01	09/17/14 14:17	1
2,4-Dinitrotoluene	4.8	U	4.8	0.24	ug/L		09/15/14 08:01	09/17/14 14:17	1
2,6-Dinitrotoluene	4.8	U	4.8	0.77	ug/L		09/15/14 08:01	09/17/14 14:17	1
2-Chloronaphthalene	0.96	U	0.96	0.096	ug/L		09/15/14 08:01	09/17/14 14:17	1
2-Chlorophenol	0.96	U *	0.96	0.28	ug/L		09/15/14 08:01	09/17/14 14:17	1
2-Methylnaphthalene	0.19	U	0.19	0.087	ug/L		09/15/14 08:01	09/17/14 14:17	1
2-Methylphenol	0.96	U	0.96	0.16	ug/L		09/15/14 08:01	09/17/14 14:17	1
2-Nitroaniline	1.9	U	1.9	0.20	ug/L		09/15/14 08:01	09/17/14 14:17	1
2-Nitrophenol	1.9	U *	1.9	0.27	ug/L		09/15/14 08:01	09/17/14 14:17	1
3,3'-Dichlorobenzidine	4.8	U	4.8	0.36	ug/L		09/15/14 08:01	09/17/14 14:17	1
3-Nitroaniline	1.9	U	1.9	0.27	ug/L		09/15/14 08:01	09/17/14 14:17	1
4,6-Dinitro-2-methylphenol	4.8	U *	4.8	2.3	ug/L		09/15/14 08:01	09/17/14 14:17	1
4-Bromophenyl phenyl ether	1.9	U	1.9	0.21	ug/L		09/15/14 08:01	09/17/14 14:17	1
4-Chloro-3-methylphenol	1.9	U *	1.9	0.20	ug/L		09/15/14 08:01	09/17/14 14:17	1
4-Chloroaniline	1.9	U	1.9	0.20	ug/L		09/15/14 08:01	09/17/14 14:17	1
4-Chlorophenyl phenyl ether	1.9	U	1.9	0.29	ug/L		09/15/14 08:01	09/17/14 14:17	1
4-Nitroaniline	1.9	U	1.9	0.21	ug/L		09/15/14 08:01	09/17/14 14:17	1
4-Nitrophenol	4.8	U *	4.8	0.28	ug/L		09/15/14 08:01	09/17/14 14:17	1
Acenaphthene	0.19	U	0.19	0.043	ug/L		09/15/14 08:01	09/17/14 14:17	1
Acenaphthylene	0.19	U	0.19	0.046	ug/L		09/15/14 08:01	09/17/14 14:17	1
Acetophenone	0.96	U	0.96	0.33	ug/L		09/15/14 08:01	09/17/14 14:17	1
Anthracene	0.19	U	0.19	0.085	ug/L		09/15/14 08:01	09/17/14 14:17	1
Atrazine	0.96	U	0.96	0.33	ug/L		09/15/14 08:01	09/17/14 14:17	1
Benzaldehyde	0.96	U	0.96	0.37	ug/L		09/15/14 08:01	09/17/14 14:17	1
Benzo[a]anthracene	0.19	U	0.19	0.028	ug/L		09/15/14 08:01	09/17/14 14:17	1
Benzo[a]pyrene	0.19	U	0.19	0.049	ug/L		09/15/14 08:01	09/17/14 14:17	1
Benzo[b]fluoranthene	0.19	U	0.19	0.038	ug/L		09/15/14 08:01	09/17/14 14:17	1
Benzo[g,h,i]perylene	0.19	U	0.19	0.045	ug/L		09/15/14 08:01	09/17/14 14:17	1
Benzo[k]fluoranthene	0.19	U	0.19	0.043	ug/L		09/15/14 08:01	09/17/14 14:17	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: WG-631110-090914-SG-005
Date Collected: 09/09/14 11:10
Date Received: 09/10/14 09:30

Lab Sample ID: 240-41809-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethoxy)methane	0.96	U	0.96	0.31	ug/L		09/15/14 08:01	09/17/14 14:17	1
Bis(2-chloroethyl)ether	0.96	U	0.96	0.096	ug/L		09/15/14 08:01	09/17/14 14:17	1
Bis(2-ethylhexyl) phthalate	4.8	U	4.8	1.6	ug/L		09/15/14 08:01	09/17/14 14:17	1
Butyl benzyl phthalate	1.9	U	1.9	0.25	ug/L		09/15/14 08:01	09/17/14 14:17	1
Caprolactam	**0.34**	**J B**	4.8	0.19	ug/L		09/15/14 08:01	09/17/14 14:17	1
Carbazole	0.96	U	0.96	0.27	ug/L		09/15/14 08:01	09/17/14 14:17	1
Chrysene	0.19	U	0.19	0.048	ug/L		09/15/14 08:01	09/17/14 14:17	1
Dibenz(a,h)anthracene	0.19	U	0.19	0.043	ug/L		09/15/14 08:01	09/17/14 14:17	1
Dibenzofuran	0.96	U	0.96	0.019	ug/L		09/15/14 08:01	09/17/14 14:17	1
Diethyl phthalate	1.9	U	1.9	0.58	ug/L		09/15/14 08:01	09/17/14 14:17	1
Dimethyl phthalate	1.9	U	1.9	0.28	ug/L		09/15/14 08:01	09/17/14 14:17	1
Di-n-butyl phthalate	4.8	U	4.8	1.6	ug/L		09/15/14 08:01	09/17/14 14:17	1
Di-n-octyl phthalate	1.9	U	1.9	0.22	ug/L		09/15/14 08:01	09/17/14 14:17	1
Fluoranthene	0.19	U	0.19	0.043	ug/L		09/15/14 08:01	09/17/14 14:17	1
Fluorene	0.19	U	0.19	0.039	ug/L		09/15/14 08:01	09/17/14 14:17	1
Hexachlorobenzene	0.19	U	0.19	0.082	ug/L		09/15/14 08:01	09/17/14 14:17	1
Hexachlorobutadiene	0.96	U	0.96	0.26	ug/L		09/15/14 08:01	09/17/14 14:17	1
Hexachlorocyclopentadiene	9.6	U	9.6	0.23	ug/L		09/15/14 08:01	09/17/14 14:17	1
Hexachloroethane	0.96	U	0.96	0.18	ug/L		09/15/14 08:01	09/17/14 14:17	1
Indeno[1,2,3-cd]pyrene	0.19	U	0.19	0.042	ug/L		09/15/14 08:01	09/17/14 14:17	1
Isophorone	0.96	U	0.96	0.26	ug/L		09/15/14 08:01	09/17/14 14:17	1
N-Nitrosodi-n-propylamine	0.96	U	0.96	0.23	ug/L		09/15/14 08:01	09/17/14 14:17	1
N-Nitrosodiphenylamine	0.96	U	0.96	0.30	ug/L		09/15/14 08:01	09/17/14 14:17	1
Naphthalene	0.19	U	0.19	0.060	ug/L		09/15/14 08:01	09/17/14 14:17	1
Nitrobenzene	0.96	U	0.96	0.038	ug/L		09/15/14 08:01	09/17/14 14:17	1
Pentachlorophenol	4.8	U *	4.8	0.26	ug/L		09/15/14 08:01	09/17/14 14:17	1
Phenanthrene	0.19	U	0.19	0.060	ug/L		09/15/14 08:01	09/17/14 14:17	1
Phenol	0.96	U *	0.96	0.58	ug/L		09/15/14 08:01	09/17/14 14:17	1
Pyrene	0.19	U	0.19	0.040	ug/L		09/15/14 08:01	09/17/14 14:17	1
3 & 4 Methylphenol	1.9	U *	1.9	0.77	ug/L		09/15/14 08:01	09/17/14 14:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*86*		*31 - 115*	*09/15/14 08:01*	*09/17/14 14:17*	*1*
Phenol-d5 (Surr)	*24*		*10 - 110*	*09/15/14 08:01*	*09/17/14 14:17*	*1*
Nitrobenzene-d5 (Surr)	*78*		*31 - 110*	*09/15/14 08:01*	*09/17/14 14:17*	*1*
2-Fluorophenol (Surr)	*44*		*15 - 110*	*09/15/14 08:01*	*09/17/14 14:17*	*1*
2-Fluorobiphenyl (Surr)	*80*		*29 - 110*	*09/15/14 08:01*	*09/17/14 14:17*	*1*
2,4,6-Tribromophenol (Surr)	*86*		*21 - 128*	*09/15/14 08:01*	*09/17/14 14:17*	*1*

Client Sample ID: WG-631110-090914-DJT-006
Date Collected: 09/09/14 10:25
Date Received: 09/10/14 09:30

Lab Sample ID: 240-41809-6
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.96	U	0.96	0.13	ug/L		09/15/14 08:01	09/17/14 14:41	1
bis (2-chloroisopropyl) ether	0.96	U	0.96	0.38	ug/L		09/15/14 08:01	09/17/14 14:41	1
2,4,5-Trichlorophenol	4.8	U *	4.8	0.29	ug/L		09/15/14 08:01	09/17/14 14:41	1
2,4,6-Trichlorophenol	4.8	U *	4.8	0.23	ug/L		09/15/14 08:01	09/17/14 14:41	1
2,4-Dichlorophenol	1.9	U *	1.9	0.18	ug/L		09/15/14 08:01	09/17/14 14:41	1
2,4-Dimethylphenol	1.9	U	1.9	0.24	ug/L		09/15/14 08:01	09/17/14 14:41	1
2,4-Dinitrophenol	4.8	U *	4.8	0.31	ug/L		09/15/14 08:01	09/17/14 14:41	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: WG-631110-090914-DJT-006
Date Collected: 09/09/14 10:25
Date Received: 09/10/14 09:30

Lab Sample ID: 240-41809-6
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	4.8	U	4.8	0.24	ug/L		09/15/14 08:01	09/17/14 14:41	1
2,6-Dinitrotoluene	4.8	U	4.8	0.77	ug/L		09/15/14 08:01	09/17/14 14:41	1
2-Chloronaphthalene	0.96	U	0.96	0.096	ug/L		09/15/14 08:01	09/17/14 14:41	1
2-Chlorophenol	0.96	U *	0.96	0.28	ug/L		09/15/14 08:01	09/17/14 14:41	1
2-Methylnaphthalene	0.19	U	0.19	0.087	ug/L		09/15/14 08:01	09/17/14 14:41	1
2-Methylphenol	0.96	U	0.96	0.16	ug/L		09/15/14 08:01	09/17/14 14:41	1
2-Nitroaniline	1.9	U	1.9	0.20	ug/L		09/15/14 08:01	09/17/14 14:41	1
2-Nitrophenol	1.9	U *	1.9	0.27	ug/L		09/15/14 08:01	09/17/14 14:41	1
3,3'-Dichlorobenzidine	4.8	U	4.8	0.36	ug/L		09/15/14 08:01	09/17/14 14:41	1
3-Nitroaniline	1.9	U	1.9	0.27	ug/L		09/15/14 08:01	09/17/14 14:41	1
4,6-Dinitro-2-methylphenol	4.8	U *	4.8	2.3	ug/L		09/15/14 08:01	09/17/14 14:41	1
4-Bromophenyl phenyl ether	1.9	U	1.9	0.21	ug/L		09/15/14 08:01	09/17/14 14:41	1
4-Chloro-3-methylphenol	1.9	U *	1.9	0.20	ug/L		09/15/14 08:01	09/17/14 14:41	1
4-Chloroaniline	1.9	U	1.9	0.20	ug/L		09/15/14 08:01	09/17/14 14:41	1
4-Chlorophenyl phenyl ether	1.9	U	1.9	0.29	ug/L		09/15/14 08:01	09/17/14 14:41	1
4-Nitroaniline	1.9	U	1.9	0.21	ug/L		09/15/14 08:01	09/17/14 14:41	1
4-Nitrophenol	4.8	U *	4.8	0.28	ug/L		09/15/14 08:01	09/17/14 14:41	1
Acenaphthene	0.19	U	0.19	0.043	ug/L		09/15/14 08:01	09/17/14 14:41	1
Acenaphthylene	0.19	U	0.19	0.046	ug/L		09/15/14 08:01	09/17/14 14:41	1
Acetophenone	0.96	U	0.96	0.33	ug/L		09/15/14 08:01	09/17/14 14:41	1
Anthracene	0.19	U	0.19	0.085	ug/L		09/15/14 08:01	09/17/14 14:41	1
Atrazine	0.96	U	0.96	0.33	ug/L		09/15/14 08:01	09/17/14 14:41	1
Benzaldehyde	0.96	U	0.96	0.37	ug/L		09/15/14 08:01	09/17/14 14:41	1
Benzo[a]anthracene	0.19	U	0.19	0.028	ug/L		09/15/14 08:01	09/17/14 14:41	1
Benzo[a]pyrene	0.19	U	0.19	0.049	ug/L		09/15/14 08:01	09/17/14 14:41	1
Benzo[b]fluoranthene	0.19	U	0.19	0.038	ug/L		09/15/14 08:01	09/17/14 14:41	1
Benzo[g,h,i]perylene	0.19	U	0.19	0.045	ug/L		09/15/14 08:01	09/17/14 14:41	1
Benzo[k]fluoranthene	0.19	U	0.19	0.043	ug/L		09/15/14 08:01	09/17/14 14:41	1
Bis(2-chloroethoxy)methane	0.96	U	0.96	0.31	ug/L		09/15/14 08:01	09/17/14 14:41	1
Bis(2-chloroethyl)ether	0.96	U	0.96	0.096	ug/L		09/15/14 08:01	09/17/14 14:41	1
Bis(2-ethylhexyl) phthalate	4.8	U	4.8	1.6	ug/L		09/15/14 08:01	09/17/14 14:41	1
Butyl benzyl phthalate	1.9	U	1.9	0.25	ug/L		09/15/14 08:01	09/17/14 14:41	1
Caprolactam	**0.31**	**J B**	4.8	0.19	ug/L		09/15/14 08:01	09/17/14 14:41	1
Carbazole	0.96	U	0.96	0.27	ug/L		09/15/14 08:01	09/17/14 14:41	1
Chrysene	0.19	U	0.19	0.048	ug/L		09/15/14 08:01	09/17/14 14:41	1
Dibenz(a,h)anthracene	0.19	U	0.19	0.043	ug/L		09/15/14 08:01	09/17/14 14:41	1
Dibenzofuran	0.96	U	0.96	0.019	ug/L		09/15/14 08:01	09/17/14 14:41	1
Diethyl phthalate	1.9	U	1.9	0.58	ug/L		09/15/14 08:01	09/17/14 14:41	1
Dimethyl phthalate	1.9	U	1.9	0.28	ug/L		09/15/14 08:01	09/17/14 14:41	1
Di-n-butyl phthalate	4.8	U	4.8	1.6	ug/L		09/15/14 08:01	09/17/14 14:41	1
Di-n-octyl phthalate	1.9	U	1.9	0.22	ug/L		09/15/14 08:01	09/17/14 14:41	1
Fluoranthene	0.19	U	0.19	0.043	ug/L		09/15/14 08:01	09/17/14 14:41	1
Fluorene	0.19	U	0.19	0.039	ug/L		09/15/14 08:01	09/17/14 14:41	1
Hexachlorobenzene	0.19	U	0.19	0.082	ug/L		09/15/14 08:01	09/17/14 14:41	1
Hexachlorobutadiene	0.96	U	0.96	0.26	ug/L		09/15/14 08:01	09/17/14 14:41	1
Hexachlorocyclopentadiene	9.6	U	9.6	0.23	ug/L		09/15/14 08:01	09/17/14 14:41	1
Hexachloroethane	0.96	U	0.96	0.18	ug/L		09/15/14 08:01	09/17/14 14:41	1
Indeno[1,2,3-cd]pyrene	0.19	U	0.19	0.042	ug/L		09/15/14 08:01	09/17/14 14:41	1
Isophorone	0.96	U	0.96	0.26	ug/L		09/15/14 08:01	09/17/14 14:41	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: WG-631110-090914-DJT-006
Date Collected: 09/09/14 10:25
Date Received: 09/10/14 09:30

Lab Sample ID: 240-41809-6
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	0.96	U	0.96	0.23	ug/L		09/15/14 08:01	09/17/14 14:41	1
N-Nitrosodiphenylamine	0.96	U	0.96	0.30	ug/L		09/15/14 08:01	09/17/14 14:41	1
Naphthalene	0.19	U	0.19	0.060	ug/L		09/15/14 08:01	09/17/14 14:41	1
Nitrobenzene	0.96	U	0.96	0.038	ug/L		09/15/14 08:01	09/17/14 14:41	1
Pentachlorophenol	4.8	U *	4.8	0.26	ug/L		09/15/14 08:01	09/17/14 14:41	1
Phenanthrene	0.19	U	0.19	0.060	ug/L		09/15/14 08:01	09/17/14 14:41	1
Phenol	0.96	U *	0.96	0.58	ug/L		09/15/14 08:01	09/17/14 14:41	1
Pyrene	0.19	U	0.19	0.040	ug/L		09/15/14 08:01	09/17/14 14:41	1
3 & 4 Methylphenol	1.9	U *	1.9	0.77	ug/L		09/15/14 08:01	09/17/14 14:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*79*		*31 - 115*	*09/15/14 08:01*	*09/17/14 14:41*	*1*
Phenol-d5 (Surr)	*24*		*10 - 110*	*09/15/14 08:01*	*09/17/14 14:41*	*1*
Nitrobenzene-d5 (Surr)	*75*		*31 - 110*	*09/15/14 08:01*	*09/17/14 14:41*	*1*
2-Fluorophenol (Surr)	*40*		*15 - 110*	*09/15/14 08:01*	*09/17/14 14:41*	*1*
2-Fluorobiphenyl (Surr)	*76*		*29 - 110*	*09/15/14 08:01*	*09/17/14 14:41*	*1*
2,4,6-Tribromophenol (Surr)	*87*		*21 - 128*	*09/15/14 08:01*	*09/17/14 14:41*	*1*

Client Sample ID: WG-631110-090914-SG-007
Date Collected: 09/09/14 12:50
Date Received: 09/10/14 09:30

Lab Sample ID: 240-41809-7
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.96	U	0.96	0.13	ug/L		09/15/14 08:01	09/17/14 15:06	1
bis (2-chloroisopropyl) ether	0.96	U	0.96	0.38	ug/L		09/15/14 08:01	09/17/14 15:06	1
2,4,5-Trichlorophenol	4.8	U *	4.8	0.29	ug/L		09/15/14 08:01	09/17/14 15:06	1
2,4,6-Trichlorophenol	4.8	U *	4.8	0.23	ug/L		09/15/14 08:01	09/17/14 15:06	1
2,4-Dichlorophenol	1.9	U *	1.9	0.18	ug/L		09/15/14 08:01	09/17/14 15:06	1
2,4-Dimethylphenol	1.9	U	1.9	0.24	ug/L		09/15/14 08:01	09/17/14 15:06	1
2,4-Dinitrophenol	4.8	U *	4.8	0.31	ug/L		09/15/14 08:01	09/17/14 15:06	1
2,4-Dinitrotoluene	4.8	U	4.8	0.24	ug/L		09/15/14 08:01	09/17/14 15:06	1
2,6-Dinitrotoluene	4.8	U	4.8	0.77	ug/L		09/15/14 08:01	09/17/14 15:06	1
2-Chloronaphthalene	0.96	U	0.96	0.096	ug/L		09/15/14 08:01	09/17/14 15:06	1
2-Chlorophenol	0.96	U *	0.96	0.28	ug/L		09/15/14 08:01	09/17/14 15:06	1
2-Methylnaphthalene	0.19	U	0.19	0.087	ug/L		09/15/14 08:01	09/17/14 15:06	1
2-Methylphenol	0.96	U	0.96	0.16	ug/L		09/15/14 08:01	09/17/14 15:06	1
2-Nitroaniline	1.9	U	1.9	0.20	ug/L		09/15/14 08:01	09/17/14 15:06	1
2-Nitrophenol	1.9	U *	1.9	0.27	ug/L		09/15/14 08:01	09/17/14 15:06	1
3,3'-Dichlorobenzidine	4.8	U	4.8	0.36	ug/L		09/15/14 08:01	09/17/14 15:06	1
3-Nitroaniline	1.9	U	1.9	0.27	ug/L		09/15/14 08:01	09/17/14 15:06	1
4,6-Dinitro-2-methylphenol	4.8	U *	4.8	2.3	ug/L		09/15/14 08:01	09/17/14 15:06	1
4-Bromophenyl phenyl ether	1.9	U	1.9	0.21	ug/L		09/15/14 08:01	09/17/14 15:06	1
4-Chloro-3-methylphenol	1.9	U *	1.9	0.20	ug/L		09/15/14 08:01	09/17/14 15:06	1
4-Chloroaniline	1.9	U	1.9	0.20	ug/L		09/15/14 08:01	09/17/14 15:06	1
4-Chlorophenyl phenyl ether	1.9	U	1.9	0.29	ug/L		09/15/14 08:01	09/17/14 15:06	1
4-Nitroaniline	1.9	U	1.9	0.21	ug/L		09/15/14 08:01	09/17/14 15:06	1
4-Nitrophenol	4.8	U *	4.8	0.28	ug/L		09/15/14 08:01	09/17/14 15:06	1
Acenaphthene	0.19	U	0.19	0.043	ug/L		09/15/14 08:01	09/17/14 15:06	1
Acenaphthylene	0.19	U	0.19	0.046	ug/L		09/15/14 08:01	09/17/14 15:06	1
Acetophenone	0.96	U	0.96	0.33	ug/L		09/15/14 08:01	09/17/14 15:06	1
Anthracene	0.19	U	0.19	0.085	ug/L		09/15/14 08:01	09/17/14 15:06	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: WG-631110-090914-SG-007
Date Collected: 09/09/14 12:50
Date Received: 09/10/14 09:30

Lab Sample ID: 240-41809-7
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Atrazine	0.96	U	0.96	0.33	ug/L		09/15/14 08:01	09/17/14 15:06	1
Benzaldehyde	0.96	U	0.96	0.37	ug/L		09/15/14 08:01	09/17/14 15:06	1
Benzo[a]anthracene	0.19	U	0.19	0.028	ug/L		09/15/14 08:01	09/17/14 15:06	1
Benzo[a]pyrene	0.19	U	0.19	0.049	ug/L		09/15/14 08:01	09/17/14 15:06	1
Benzo[b]fluoranthene	0.19	U	0.19	0.038	ug/L		09/15/14 08:01	09/17/14 15:06	1
Benzo[g,h,i]perylene	0.19	U	0.19	0.045	ug/L		09/15/14 08:01	09/17/14 15:06	1
Benzo[k]fluoranthene	0.19	U	0.19	0.043	ug/L		09/15/14 08:01	09/17/14 15:06	1
Bis(2-chloroethoxy)methane	0.96	U	0.96	0.31	ug/L		09/15/14 08:01	09/17/14 15:06	1
Bis(2-chloroethyl)ether	0.96	U	0.96	0.096	ug/L		09/15/14 08:01	09/17/14 15:06	1
Bis(2-ethylhexyl) phthalate	4.8	U	4.8	1.6	ug/L		09/15/14 08:01	09/17/14 15:06	1
Butyl benzyl phthalate	1.9	U	1.9	0.25	ug/L		09/15/14 08:01	09/17/14 15:06	1
Caprolactam	**0.24**	**J B**	4.8	0.19	ug/L		09/15/14 08:01	09/17/14 15:06	1
Carbazole	0.96	U	0.96	0.27	ug/L		09/15/14 08:01	09/17/14 15:06	1
Chrysene	0.19	U	0.19	0.048	ug/L		09/15/14 08:01	09/17/14 15:06	1
Dibenz(a,h)anthracene	0.19	U	0.19	0.043	ug/L		09/15/14 08:01	09/17/14 15:06	1
Dibenzofuran	0.96	U	0.96	0.019	ug/L		09/15/14 08:01	09/17/14 15:06	1
Diethyl phthalate	1.9	U	1.9	0.58	ug/L		09/15/14 08:01	09/17/14 15:06	1
Dimethyl phthalate	1.9	U	1.9	0.28	ug/L		09/15/14 08:01	09/17/14 15:06	1
Di-n-butyl phthalate	4.8	U	4.8	1.6	ug/L		09/15/14 08:01	09/17/14 15:06	1
Di-n-octyl phthalate	1.9	U	1.9	0.22	ug/L		09/15/14 08:01	09/17/14 15:06	1
Fluoranthene	0.19	U	0.19	0.043	ug/L		09/15/14 08:01	09/17/14 15:06	1
Fluorene	0.19	U	0.19	0.039	ug/L		09/15/14 08:01	09/17/14 15:06	1
Hexachlorobenzene	0.19	U	0.19	0.082	ug/L		09/15/14 08:01	09/17/14 15:06	1
Hexachlorobutadiene	0.96	U	0.96	0.26	ug/L		09/15/14 08:01	09/17/14 15:06	1
Hexachlorocyclopentadiene	9.6	U	9.6	0.23	ug/L		09/15/14 08:01	09/17/14 15:06	1
Hexachloroethane	0.96	U	0.96	0.18	ug/L		09/15/14 08:01	09/17/14 15:06	1
Indeno[1,2,3-cd]pyrene	0.19	U	0.19	0.042	ug/L		09/15/14 08:01	09/17/14 15:06	1
Isophorone	0.96	U	0.96	0.26	ug/L		09/15/14 08:01	09/17/14 15:06	1
N-Nitrosodi-n-propylamine	0.96	U	0.96	0.23	ug/L		09/15/14 08:01	09/17/14 15:06	1
N-Nitrosodiphenylamine	0.96	U	0.96	0.30	ug/L		09/15/14 08:01	09/17/14 15:06	1
Naphthalene	0.19	U	0.19	0.060	ug/L		09/15/14 08:01	09/17/14 15:06	1
Nitrobenzene	0.96	U	0.96	0.038	ug/L		09/15/14 08:01	09/17/14 15:06	1
Pentachlorophenol	4.8	U *	4.8	0.26	ug/L		09/15/14 08:01	09/17/14 15:06	1
Phenanthrene	0.19	U	0.19	0.060	ug/L		09/15/14 08:01	09/17/14 15:06	1
Phenol	0.96	U *	0.96	0.58	ug/L		09/15/14 08:01	09/17/14 15:06	1
Pyrene	0.19	U	0.19	0.040	ug/L		09/15/14 08:01	09/17/14 15:06	1
3 & 4 Methylphenol	1.9	U *	1.9	0.77	ug/L		09/15/14 08:01	09/17/14 15:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*80*		*31 - 115*	*09/15/14 08:01*	*09/17/14 15:06*	*1*
Phenol-d5 (Surr)	*20*		*10 - 110*	*09/15/14 08:01*	*09/17/14 15:06*	*1*
Nitrobenzene-d5 (Surr)	*67*		*31 - 110*	*09/15/14 08:01*	*09/17/14 15:06*	*1*
2-Fluorophenol (Surr)	*34*		*15 - 110*	*09/15/14 08:01*	*09/17/14 15:06*	*1*
2-Fluorobiphenyl (Surr)	*70*		*29 - 110*	*09/15/14 08:01*	*09/17/14 15:06*	*1*
2,4,6-Tribromophenol (Surr)	*79*		*21 - 128*	*09/15/14 08:01*	*09/17/14 15:06*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Client Sample ID: WG-631110-090914-DJT-008
Date Collected: 09/09/14 11:20
Date Received: 09/10/14 09:30

Lab Sample ID: 240-41809-8
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.96	U	0.96	0.13	ug/L		09/15/14 08:01	09/17/14 15:30	1
bis (2-chloroisopropyl) ether	0.96	U	0.96	0.38	ug/L		09/15/14 08:01	09/17/14 15:30	1
2,4,5-Trichlorophenol	4.8	U *	4.8	0.29	ug/L		09/15/14 08:01	09/17/14 15:30	1
2,4,6-Trichlorophenol	4.8	U *	4.8	0.23	ug/L		09/15/14 08:01	09/17/14 15:30	1
2,4-Dichlorophenol	1.9	U *	1.9	0.18	ug/L		09/15/14 08:01	09/17/14 15:30	1
2,4-Dimethylphenol	1.9	U	1.9	0.24	ug/L		09/15/14 08:01	09/17/14 15:30	1
2,4-Dinitrophenol	4.8	U *	4.8	0.31	ug/L		09/15/14 08:01	09/17/14 15:30	1
2,4-Dinitrotoluene	4.8	U	4.8	0.24	ug/L		09/15/14 08:01	09/17/14 15:30	1
2,6-Dinitrotoluene	4.8	U	4.8	0.77	ug/L		09/15/14 08:01	09/17/14 15:30	1
2-Chloronaphthalene	0.96	U	0.96	0.096	ug/L		09/15/14 08:01	09/17/14 15:30	1
2-Chlorophenol	0.96	U *	0.96	0.28	ug/L		09/15/14 08:01	09/17/14 15:30	1
2-Methylnaphthalene	0.19	U	0.19	0.087	ug/L		09/15/14 08:01	09/17/14 15:30	1
2-Methylphenol	0.96	U	0.96	0.16	ug/L		09/15/14 08:01	09/17/14 15:30	1
2-Nitroaniline	1.9	U	1.9	0.20	ug/L		09/15/14 08:01	09/17/14 15:30	1
2-Nitrophenol	1.9	U *	1.9	0.27	ug/L		09/15/14 08:01	09/17/14 15:30	1
3,3'-Dichlorobenzidine	4.8	U	4.8	0.36	ug/L		09/15/14 08:01	09/17/14 15:30	1
3-Nitroaniline	1.9	U	1.9	0.27	ug/L		09/15/14 08:01	09/17/14 15:30	1
4,6-Dinitro-2-methylphenol	4.8	U *	4.8	2.3	ug/L		09/15/14 08:01	09/17/14 15:30	1
4-Bromophenyl phenyl ether	1.9	U	1.9	0.21	ug/L		09/15/14 08:01	09/17/14 15:30	1
4-Chloro-3-methylphenol	1.9	U *	1.9	0.20	ug/L		09/15/14 08:01	09/17/14 15:30	1
4-Chloroaniline	1.9	U	1.9	0.20	ug/L		09/15/14 08:01	09/17/14 15:30	1
4-Chlorophenyl phenyl ether	1.9	U	1.9	0.29	ug/L		09/15/14 08:01	09/17/14 15:30	1
4-Nitroaniline	1.9	U	1.9	0.21	ug/L		09/15/14 08:01	09/17/14 15:30	1
4-Nitrophenol	4.8	U *	4.8	0.28	ug/L		09/15/14 08:01	09/17/14 15:30	1
Acenaphthene	0.19	U	0.19	0.043	ug/L		09/15/14 08:01	09/17/14 15:30	1
Acenaphthylene	0.19	U	0.19	0.046	ug/L		09/15/14 08:01	09/17/14 15:30	1
Acetophenone	0.96	U	0.96	0.33	ug/L		09/15/14 08:01	09/17/14 15:30	1
Anthracene	0.19	U	0.19	0.085	ug/L		09/15/14 08:01	09/17/14 15:30	1
Atrazine	0.96	U	0.96	0.33	ug/L		09/15/14 08:01	09/17/14 15:30	1
Benzaldehyde	0.96	U	0.96	0.37	ug/L		09/15/14 08:01	09/17/14 15:30	1
Benzo[a]anthracene	0.19	U	0.19	0.028	ug/L		09/15/14 08:01	09/17/14 15:30	1
Benzo[a]pyrene	0.19	U	0.19	0.049	ug/L		09/15/14 08:01	09/17/14 15:30	1
Benzo[b]fluoranthene	0.19	U	0.19	0.038	ug/L		09/15/14 08:01	09/17/14 15:30	1
Benzo[g,h,i]perylene	0.19	U	0.19	0.045	ug/L		09/15/14 08:01	09/17/14 15:30	1
Benzo[k]fluoranthene	0.19	U	0.19	0.043	ug/L		09/15/14 08:01	09/17/14 15:30	1
Bis(2-chloroethoxy)methane	0.96	U	0.96	0.31	ug/L		09/15/14 08:01	09/17/14 15:30	1
Bis(2-chloroethyl)ether	0.96	U	0.96	0.096	ug/L		09/15/14 08:01	09/17/14 15:30	1
Bis(2-ethylhexyl) phthalate	4.8	U	4.8	1.6	ug/L		09/15/14 08:01	09/17/14 15:30	1
Butyl benzyl phthalate	1.9	U	1.9	0.25	ug/L		09/15/14 08:01	09/17/14 15:30	1
Caprolactam	**0.40**	**J B**	4.8	0.19	ug/L		09/15/14 08:01	09/17/14 15:30	1
Carbazole	0.96	U	0.96	0.27	ug/L		09/15/14 08:01	09/17/14 15:30	1
Chrysene	0.19	U	0.19	0.048	ug/L		09/15/14 08:01	09/17/14 15:30	1
Dibenz(a,h)anthracene	0.19	U	0.19	0.043	ug/L		09/15/14 08:01	09/17/14 15:30	1
Dibenzofuran	0.96	U	0.96	0.019	ug/L		09/15/14 08:01	09/17/14 15:30	1
Diethyl phthalate	1.9	U	1.9	0.58	ug/L		09/15/14 08:01	09/17/14 15:30	1
Dimethyl phthalate	1.9	U	1.9	0.28	ug/L		09/15/14 08:01	09/17/14 15:30	1
Di-n-butyl phthalate	4.8	U	4.8	1.6	ug/L		09/15/14 08:01	09/17/14 15:30	1
Di-n-octyl phthalate	1.9	U	1.9	0.22	ug/L		09/15/14 08:01	09/17/14 15:30	1
Fluoranthene	0.19	U	0.19	0.043	ug/L		09/15/14 08:01	09/17/14 15:30	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: WG-631110-090914-DJT-008
Date Collected: 09/09/14 11:20
Date Received: 09/10/14 09:30

Lab Sample ID: 240-41809-8
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	0.19	U	0.19	0.039	ug/L		09/15/14 08:01	09/17/14 15:30	1
Hexachlorobenzene	0.19	U	0.19	0.082	ug/L		09/15/14 08:01	09/17/14 15:30	1
Hexachlorobutadiene	0.96	U	0.96	0.26	ug/L		09/15/14 08:01	09/17/14 15:30	1
Hexachlorocyclopentadiene	9.6	U	9.6	0.23	ug/L		09/15/14 08:01	09/17/14 15:30	1
Hexachloroethane	0.96	U	0.96	0.18	ug/L		09/15/14 08:01	09/17/14 15:30	1
Indeno[1,2,3-cd]pyrene	0.19	U	0.19	0.042	ug/L		09/15/14 08:01	09/17/14 15:30	1
Isophorone	0.96	U	0.96	0.26	ug/L		09/15/14 08:01	09/17/14 15:30	1
N-Nitrosodi-n-propylamine	0.96	U	0.96	0.23	ug/L		09/15/14 08:01	09/17/14 15:30	1
N-Nitrosodiphenylamine	0.96	U	0.96	0.30	ug/L		09/15/14 08:01	09/17/14 15:30	1
Naphthalene	0.19	U	0.19	0.060	ug/L		09/15/14 08:01	09/17/14 15:30	1
Nitrobenzene	0.96	U	0.96	0.038	ug/L		09/15/14 08:01	09/17/14 15:30	1
Pentachlorophenol	4.8	U *	4.8	0.26	ug/L		09/15/14 08:01	09/17/14 15:30	1
Phenanthrene	0.19	U	0.19	0.060	ug/L		09/15/14 08:01	09/17/14 15:30	1
Phenol	0.96	U *	0.96	0.58	ug/L		09/15/14 08:01	09/17/14 15:30	1
Pyrene	0.19	U	0.19	0.040	ug/L		09/15/14 08:01	09/17/14 15:30	1
3 & 4 Methylphenol	1.9	U *	1.9	0.77	ug/L		09/15/14 08:01	09/17/14 15:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*71*		*31 - 115*	*09/15/14 08:01*	*09/17/14 15:30*	*1*
Phenol-d5 (Surr)	*22*		*10 - 110*	*09/15/14 08:01*	*09/17/14 15:30*	*1*
Nitrobenzene-d5 (Surr)	*66*		*31 - 110*	*09/15/14 08:01*	*09/17/14 15:30*	*1*
2-Fluorophenol (Surr)	*37*		*15 - 110*	*09/15/14 08:01*	*09/17/14 15:30*	*1*
2-Fluorobiphenyl (Surr)	*67*		*29 - 110*	*09/15/14 08:01*	*09/17/14 15:30*	*1*
2,4,6-Tribromophenol (Surr)	*79*		*21 - 128*	*09/15/14 08:01*	*09/17/14 15:30*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - RE

Client Sample ID: WG-631110-090914-SG-001
Date Collected: 09/09/14 09:55
Date Received: 09/10/14 09:30

Lab Sample ID: 240-41809-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.95	U H	0.95	0.12	ug/L		09/18/14 09:26	09/19/14 13:30	1
bis (2-chloroisopropyl) ether	0.95	U H	0.95	0.38	ug/L		09/18/14 09:26	09/19/14 13:30	1
2,4,5-Trichlorophenol	4.8	U H	4.8	0.29	ug/L		09/18/14 09:26	09/19/14 13:30	1
2,4,6-Trichlorophenol	4.8	U H	4.8	0.23	ug/L		09/18/14 09:26	09/19/14 13:30	1
2,4-Dichlorophenol	1.9	U H	1.9	0.18	ug/L		09/18/14 09:26	09/19/14 13:30	1
2,4-Dimethylphenol	1.9	U H	1.9	0.24	ug/L		09/18/14 09:26	09/19/14 13:30	1
2,4-Dinitrophenol	4.8	U H	4.8	0.30	ug/L		09/18/14 09:26	09/19/14 13:30	1
2,4-Dinitrotoluene	4.8	U H	4.8	0.24	ug/L		09/18/14 09:26	09/19/14 13:30	1
2,6-Dinitrotoluene	4.8	U H	4.8	0.76	ug/L		09/18/14 09:26	09/19/14 13:30	1
2-Chloronaphthalene	0.95	U H	0.95	0.095	ug/L		09/18/14 09:26	09/19/14 13:30	1
2-Chlorophenol	0.95	U H	0.95	0.28	ug/L		09/18/14 09:26	09/19/14 13:30	1
2-Methylnaphthalene	0.19	U H	0.19	0.086	ug/L		09/18/14 09:26	09/19/14 13:30	1
2-Methylphenol	0.95	U H	0.95	0.16	ug/L		09/18/14 09:26	09/19/14 13:30	1
2-Nitroaniline	1.9	U H	1.9	0.20	ug/L		09/18/14 09:26	09/19/14 13:30	1
2-Nitrophenol	1.9	U H	1.9	0.27	ug/L		09/18/14 09:26	09/19/14 13:30	1
3,3'-Dichlorobenzidine	4.8	U H	4.8	0.35	ug/L		09/18/14 09:26	09/19/14 13:30	1
3-Nitroaniline	1.9	U H	1.9	0.27	ug/L		09/18/14 09:26	09/19/14 13:30	1
4,6-Dinitro-2-methylphenol	4.8	U H	4.8	2.3	ug/L		09/18/14 09:26	09/19/14 13:30	1
4-Bromophenyl phenyl ether	1.9	U H	1.9	0.21	ug/L		09/18/14 09:26	09/19/14 13:30	1
4-Chloro-3-methylphenol	1.9	U H	1.9	0.20	ug/L		09/18/14 09:26	09/19/14 13:30	1
4-Chloroaniline	1.9	U H	1.9	0.20	ug/L		09/18/14 09:26	09/19/14 13:30	1
4-Chlorophenyl phenyl ether	1.9	U H	1.9	0.29	ug/L		09/18/14 09:26	09/19/14 13:30	1
4-Nitroaniline	1.9	U H	1.9	0.21	ug/L		09/18/14 09:26	09/19/14 13:30	1
4-Nitrophenol	4.8	U H	4.8	0.28	ug/L		09/18/14 09:26	09/19/14 13:30	1
Acenaphthene	0.19	U H	0.19	0.042	ug/L		09/18/14 09:26	09/19/14 13:30	1
Acenaphthylene	0.19	U H	0.19	0.046	ug/L		09/18/14 09:26	09/19/14 13:30	1
Acetophenone	0.95	U H	0.95	0.32	ug/L		09/18/14 09:26	09/19/14 13:30	1
Anthracene	0.19	U H	0.19	0.084	ug/L		09/18/14 09:26	09/19/14 13:30	1
Atrazine	0.95	U H	0.95	0.32	ug/L		09/18/14 09:26	09/19/14 13:30	1
Benzaldehyde	0.95	U H *	0.95	0.37	ug/L		09/18/14 09:26	09/19/14 13:30	1
Benzo[a]anthracene	0.19	U H	0.19	0.028	ug/L		09/18/14 09:26	09/19/14 13:30	1
Benzo[a]pyrene	0.19	U H	0.19	0.049	ug/L		09/18/14 09:26	09/19/14 13:30	1
Benzo[b]fluoranthene	0.19	U H	0.19	0.038	ug/L		09/18/14 09:26	09/19/14 13:30	1
Benzo[g,h,i]perylene	0.19	U H	0.19	0.044	ug/L		09/18/14 09:26	09/19/14 13:30	1
Benzo[k]fluoranthene	0.19	U H	0.19	0.043	ug/L		09/18/14 09:26	09/19/14 13:30	1
Bis(2-chloroethoxy)methane	0.95	U H	0.95	0.30	ug/L		09/18/14 09:26	09/19/14 13:30	1
Bis(2-chloroethyl)ether	0.95	U H	0.95	0.095	ug/L		09/18/14 09:26	09/19/14 13:30	1
Bis(2-ethylhexyl) phthalate	4.8	U H	4.8	1.6	ug/L		09/18/14 09:26	09/19/14 13:30	1
Butyl benzyl phthalate	1.9	U H	1.9	0.25	ug/L		09/18/14 09:26	09/19/14 13:30	1
Caprolactam	4.8	U H	4.8	0.19	ug/L		09/18/14 09:26	09/19/14 13:30	1
Carbazole	0.95	U H	0.95	0.27	ug/L		09/18/14 09:26	09/19/14 13:30	1
Chrysene	0.19	U H	0.19	0.048	ug/L		09/18/14 09:26	09/19/14 13:30	1
Dibenz(a,h)anthracene	0.19	U H	0.19	0.042	ug/L		09/18/14 09:26	09/19/14 13:30	1
Dibenzofuran	0.95	U H	0.95	0.019	ug/L		09/18/14 09:26	09/19/14 13:30	1
Diethyl phthalate	1.9	U H	1.9	0.57	ug/L		09/18/14 09:26	09/19/14 13:30	1
Dimethyl phthalate	1.9	U H	1.9	0.28	ug/L		09/18/14 09:26	09/19/14 13:30	1
Di-n-butyl phthalate	4.8	U H	4.8	1.6	ug/L		09/18/14 09:26	09/19/14 13:30	1
Di-n-octyl phthalate	1.9	U H	1.9	0.22	ug/L		09/18/14 09:26	09/19/14 13:30	1
Fluoranthene	0.19	U H	0.19	0.042	ug/L		09/18/14 09:26	09/19/14 13:30	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - RE (Continued)

Client Sample ID: WG-631110-090914-SG-001 — **Lab Sample ID: 240-41809-1**
Date Collected: 09/09/14 09:55 — **Matrix: Water**
Date Received: 09/10/14 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	0.19	U H	0.19	0.039	ug/L		09/18/14 09:26	09/19/14 13:30	1
Hexachlorobenzene	0.19	U H	0.19	0.081	ug/L		09/18/14 09:26	09/19/14 13:30	1
Hexachlorobutadiene	0.95	U H	0.95	0.26	ug/L		09/18/14 09:26	09/19/14 13:30	1
Hexachlorocyclopentadiene	9.5	U H	9.5	0.23	ug/L		09/18/14 09:26	09/19/14 13:30	1
Hexachloroethane	0.95	U H	0.95	0.18	ug/L		09/18/14 09:26	09/19/14 13:30	1
Indeno[1,2,3-cd]pyrene	0.19	U H	0.19	0.041	ug/L		09/18/14 09:26	09/19/14 13:30	1
Isophorone	0.95	U H	0.95	0.26	ug/L		09/18/14 09:26	09/19/14 13:30	1
N-Nitrosodi-n-propylamine	0.95	U H	0.95	0.23	ug/L		09/18/14 09:26	09/19/14 13:30	1
N-Nitrosodiphenylamine	0.95	U H	0.95	0.30	ug/L		09/18/14 09:26	09/19/14 13:30	1
Naphthalene	0.19	U H	0.19	0.060	ug/L		09/18/14 09:26	09/19/14 13:30	1
Nitrobenzene	0.95	U H	0.95	0.038	ug/L		09/18/14 09:26	09/19/14 13:30	1
Pentachlorophenol	4.8	U H	4.8	0.26	ug/L		09/18/14 09:26	09/19/14 13:30	1
Phenanthrene	0.19	U H	0.19	0.059	ug/L		09/18/14 09:26	09/19/14 13:30	1
Phenol	0.95	U H	0.95	0.57	ug/L		09/18/14 09:26	09/19/14 13:30	1
Pyrene	0.19	U H	0.19	0.040	ug/L		09/18/14 09:26	09/19/14 13:30	1
3 & 4 Methylphenol	1.9	U H	1.9	0.76	ug/L		09/18/14 09:26	09/19/14 13:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*84*		*31 - 115*	*09/18/14 09:26*	*09/19/14 13:30*	*1*
Phenol-d5 (Surr)	*20*		*10 - 110*	*09/18/14 09:26*	*09/19/14 13:30*	*1*
Nitrobenzene-d5 (Surr)	*56*		*31 - 110*	*09/18/14 09:26*	*09/19/14 13:30*	*1*
2-Fluorophenol (Surr)	*35*		*15 - 110*	*09/18/14 09:26*	*09/19/14 13:30*	*1*
2-Fluorobiphenyl (Surr)	*66*		*29 - 110*	*09/18/14 09:26*	*09/19/14 13:30*	*1*
2,4,6-Tribromophenol (Surr)	*89*		*21 - 128*	*09/18/14 09:26*	*09/19/14 13:30*	*1*

Client Sample ID: EB-631110-090914-DJT-002 — **Lab Sample ID: 240-41809-2**
Date Collected: 09/09/14 09:30 — **Matrix: Water**
Date Received: 09/10/14 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.96	U H	0.96	0.13	ug/L		09/18/14 09:26	09/19/14 14:47	1
bis (2-chloroisopropyl) ether	0.96	U H	0.96	0.38	ug/L		09/18/14 09:26	09/19/14 14:47	1
2,4,5-Trichlorophenol	4.8	U H	4.8	0.29	ug/L		09/18/14 09:26	09/19/14 14:47	1
2,4,6-Trichlorophenol	4.8	U H	4.8	0.23	ug/L		09/18/14 09:26	09/19/14 14:47	1
2,4-Dichlorophenol	1.9	U H	1.9	0.18	ug/L		09/18/14 09:26	09/19/14 14:47	1
2,4-Dimethylphenol	1.9	U H	1.9	0.24	ug/L		09/18/14 09:26	09/19/14 14:47	1
2,4-Dinitrophenol	4.8	U H	4.8	0.31	ug/L		09/18/14 09:26	09/19/14 14:47	1
2,4-Dinitrotoluene	4.8	U H	4.8	0.24	ug/L		09/18/14 09:26	09/19/14 14:47	1
2,6-Dinitrotoluene	4.8	U H	4.8	0.77	ug/L		09/18/14 09:26	09/19/14 14:47	1
2-Chloronaphthalene	0.96	U H	0.96	0.096	ug/L		09/18/14 09:26	09/19/14 14:47	1
2-Chlorophenol	0.96	U H	0.96	0.28	ug/L		09/18/14 09:26	09/19/14 14:47	1
2-Methylnaphthalene	0.19	U H	0.19	0.087	ug/L		09/18/14 09:26	09/19/14 14:47	1
2-Methylphenol	0.96	U H	0.96	0.16	ug/L		09/18/14 09:26	09/19/14 14:47	1
2-Nitroaniline	1.9	U H	1.9	0.20	ug/L		09/18/14 09:26	09/19/14 14:47	1
2-Nitrophenol	1.9	U H	1.9	0.27	ug/L		09/18/14 09:26	09/19/14 14:47	1
3,3'-Dichlorobenzidine	4.8	U H	4.8	0.36	ug/L		09/18/14 09:26	09/19/14 14:47	1
3-Nitroaniline	1.9	U H	1.9	0.27	ug/L		09/18/14 09:26	09/19/14 14:47	1
4,6-Dinitro-2-methylphenol	4.8	U H	4.8	2.3	ug/L		09/18/14 09:26	09/19/14 14:47	1
4-Bromophenyl phenyl ether	1.9	U H	1.9	0.21	ug/L		09/18/14 09:26	09/19/14 14:47	1
4-Chloro-3-methylphenol	1.9	U H	1.9	0.20	ug/L		09/18/14 09:26	09/19/14 14:47	1
4-Chloroaniline	1.9	U H	1.9	0.20	ug/L		09/18/14 09:26	09/19/14 14:47	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - RE (Continued)

Client Sample ID: EB-631110-090914-DJT-002
Date Collected: 09/09/14 09:30
Date Received: 09/10/14 09:30

Lab Sample ID: 240-41809-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chlorophenyl phenyl ether	1.9	U H	1.9	0.29	ug/L		09/18/14 09:26	09/19/14 14:47	1
4-Nitroaniline	1.9	U H	1.9	0.21	ug/L		09/18/14 09:26	09/19/14 14:47	1
4-Nitrophenol	4.8	U H	4.8	0.28	ug/L		09/18/14 09:26	09/19/14 14:47	1
Acenaphthene	0.19	U H	0.19	0.043	ug/L		09/18/14 09:26	09/19/14 14:47	1
Acenaphthylene	0.19	U H	0.19	0.046	ug/L		09/18/14 09:26	09/19/14 14:47	1
Acetophenone	0.96	U H	0.96	0.33	ug/L		09/18/14 09:26	09/19/14 14:47	1
Anthracene	0.19	U H	0.19	0.085	ug/L		09/18/14 09:26	09/19/14 14:47	1
Atrazine	0.96	U H	0.96	0.33	ug/L		09/18/14 09:26	09/19/14 14:47	1
Benzaldehyde	0.96	U H *	0.96	0.37	ug/L		09/18/14 09:26	09/19/14 14:47	1
Benzo[a]anthracene	0.19	U H	0.19	0.028	ug/L		09/18/14 09:26	09/19/14 14:47	1
Benzo[a]pyrene	0.19	U H	0.19	0.049	ug/L		09/18/14 09:26	09/19/14 14:47	1
Benzo[b]fluoranthene	0.19	U H	0.19	0.038	ug/L		09/18/14 09:26	09/19/14 14:47	1
Benzo[g,h,i]perylene	0.19	U H	0.19	0.045	ug/L		09/18/14 09:26	09/19/14 14:47	1
Benzo[k]fluoranthene	0.19	U H	0.19	0.043	ug/L		09/18/14 09:26	09/19/14 14:47	1
Bis(2-chloroethoxy)methane	0.96	U H	0.96	0.31	ug/L		09/18/14 09:26	09/19/14 14:47	1
Bis(2-chloroethyl)ether	0.96	U H	0.96	0.096	ug/L		09/18/14 09:26	09/19/14 14:47	1
Bis(2-ethylhexyl) phthalate	4.8	U H	4.8	1.6	ug/L		09/18/14 09:26	09/19/14 14:47	1
Butyl benzyl phthalate	1.9	U H	1.9	0.25	ug/L		09/18/14 09:26	09/19/14 14:47	1
Caprolactam	4.8	U H	4.8	0.19	ug/L		09/18/14 09:26	09/19/14 14:47	1
Carbazole	0.96	U H	0.96	0.27	ug/L		09/18/14 09:26	09/19/14 14:47	1
Chrysene	0.19	U H	0.19	0.048	ug/L		09/18/14 09:26	09/19/14 14:47	1
Dibenz(a,h)anthracene	0.19	U H	0.19	0.043	ug/L		09/18/14 09:26	09/19/14 14:47	1
Dibenzofuran	0.96	U H	0.96	0.019	ug/L		09/18/14 09:26	09/19/14 14:47	1
Diethyl phthalate	1.9	U H	1.9	0.58	ug/L		09/18/14 09:26	09/19/14 14:47	1
Dimethyl phthalate	1.9	U H	1.9	0.28	ug/L		09/18/14 09:26	09/19/14 14:47	1
Di-n-butyl phthalate	4.8	U H	4.8	1.6	ug/L		09/18/14 09:26	09/19/14 14:47	1
Di-n-octyl phthalate	1.9	U H	1.9	0.22	ug/L		09/18/14 09:26	09/19/14 14:47	1
Fluoranthene	0.19	U H	0.19	0.043	ug/L		09/18/14 09:26	09/19/14 14:47	1
Fluorene	0.19	U H	0.19	0.039	ug/L		09/18/14 09:26	09/19/14 14:47	1
Hexachlorobenzene	0.19	U H	0.19	0.082	ug/L		09/18/14 09:26	09/19/14 14:47	1
Hexachlorobutadiene	0.96	U H	0.96	0.26	ug/L		09/18/14 09:26	09/19/14 14:47	1
Hexachlorocyclopentadiene	9.6	U H	9.6	0.23	ug/L		09/18/14 09:26	09/19/14 14:47	1
Hexachloroethane	0.96	U H	0.96	0.18	ug/L		09/18/14 09:26	09/19/14 14:47	1
Indeno[1,2,3-cd]pyrene	0.19	U H	0.19	0.042	ug/L		09/18/14 09:26	09/19/14 14:47	1
Isophorone	0.96	U H	0.96	0.26	ug/L		09/18/14 09:26	09/19/14 14:47	1
N-Nitrosodi-n-propylamine	0.96	U H	0.96	0.23	ug/L		09/18/14 09:26	09/19/14 14:47	1
N-Nitrosodiphenylamine	0.96	U H	0.96	0.30	ug/L		09/18/14 09:26	09/19/14 14:47	1
Naphthalene	0.19	U H	0.19	0.060	ug/L		09/18/14 09:26	09/19/14 14:47	1
Nitrobenzene	0.96	U H	0.96	0.038	ug/L		09/18/14 09:26	09/19/14 14:47	1
Pentachlorophenol	4.8	U H	4.8	0.26	ug/L		09/18/14 09:26	09/19/14 14:47	1
Phenanthrene	0.19	U H	0.19	0.060	ug/L		09/18/14 09:26	09/19/14 14:47	1
Phenol	0.96	U H	0.96	0.58	ug/L		09/18/14 09:26	09/19/14 14:47	1
Pyrene	0.19	U H	0.19	0.040	ug/L		09/18/14 09:26	09/19/14 14:47	1
3 & 4 Methylphenol	1.9	U H	1.9	0.77	ug/L		09/18/14 09:26	09/19/14 14:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*87*		*31 - 115*	*09/18/14 09:26*	*09/19/14 14:47*	*1*
Phenol-d5 (Surr)	*25*		*10 - 110*	*09/18/14 09:26*	*09/19/14 14:47*	*1*
Nitrobenzene-d5 (Surr)	*63*		*31 - 110*	*09/18/14 09:26*	*09/19/14 14:47*	*1*
2-Fluorophenol (Surr)	*41*		*15 - 110*	*09/18/14 09:26*	*09/19/14 14:47*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - RE (Continued)

Client Sample ID: EB-631110-090914-DJT-002
Date Collected: 09/09/14 09:30
Date Received: 09/10/14 09:30

Lab Sample ID: 240-41809-2
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*71*		*29 - 110*	*09/18/14 09:26*	*09/19/14 14:47*	*1*
2,4,6-Tribromophenol (Surr)	*80*		*21 - 128*	*09/18/14 09:26*	*09/19/14 14:47*	*1*

Client Sample ID: WG-631110-090914-SG-003
Date Collected: 09/09/14 11:10
Date Received: 09/10/14 09:30

Lab Sample ID: 240-41809-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.95	U H	0.95	0.12	ug/L		09/18/14 09:26	09/19/14 14:22	1
bis (2-chloroisopropyl) ether	0.95	U H	0.95	0.38	ug/L		09/18/14 09:26	09/19/14 14:22	1
2,4,5-Trichlorophenol	4.8	U H	4.8	0.29	ug/L		09/18/14 09:26	09/19/14 14:22	1
2,4,6-Trichlorophenol	4.8	U H	4.8	0.23	ug/L		09/18/14 09:26	09/19/14 14:22	1
2,4-Dichlorophenol	1.9	U H	1.9	0.18	ug/L		09/18/14 09:26	09/19/14 14:22	1
2,4-Dimethylphenol	1.9	U H	1.9	0.24	ug/L		09/18/14 09:26	09/19/14 14:22	1
2,4-Dinitrophenol	4.8	U H	4.8	0.30	ug/L		09/18/14 09:26	09/19/14 14:22	1
2,4-Dinitrotoluene	4.8	U H	4.8	0.24	ug/L		09/18/14 09:26	09/19/14 14:22	1
2,6-Dinitrotoluene	4.8	U H	4.8	0.76	ug/L		09/18/14 09:26	09/19/14 14:22	1
2-Chloronaphthalene	0.95	U H	0.95	0.095	ug/L		09/18/14 09:26	09/19/14 14:22	1
2-Chlorophenol	0.95	U H	0.95	0.28	ug/L		09/18/14 09:26	09/19/14 14:22	1
2-Methylnaphthalene	0.19	U H	0.19	0.086	ug/L		09/18/14 09:26	09/19/14 14:22	1
2-Methylphenol	0.95	U H	0.95	0.16	ug/L		09/18/14 09:26	09/19/14 14:22	1
2-Nitroaniline	1.9	U H	1.9	0.20	ug/L		09/18/14 09:26	09/19/14 14:22	1
2-Nitrophenol	1.9	U H	1.9	0.27	ug/L		09/18/14 09:26	09/19/14 14:22	1
3,3'-Dichlorobenzidine	4.8	U H	4.8	0.35	ug/L		09/18/14 09:26	09/19/14 14:22	1
3-Nitroaniline	1.9	U H	1.9	0.27	ug/L		09/18/14 09:26	09/19/14 14:22	1
4,6-Dinitro-2-methylphenol	4.8	U H	4.8	2.3	ug/L		09/18/14 09:26	09/19/14 14:22	1
4-Bromophenyl phenyl ether	1.9	U H	1.9	0.21	ug/L		09/18/14 09:26	09/19/14 14:22	1
4-Chloro-3-methylphenol	1.9	U H	1.9	0.20	ug/L		09/18/14 09:26	09/19/14 14:22	1
4-Chloroaniline	1.9	U H	1.9	0.20	ug/L		09/18/14 09:26	09/19/14 14:22	1
4-Chlorophenyl phenyl ether	1.9	U H	1.9	0.29	ug/L		09/18/14 09:26	09/19/14 14:22	1
4-Nitroaniline	1.9	U H	1.9	0.21	ug/L		09/18/14 09:26	09/19/14 14:22	1
4-Nitrophenol	4.8	U H	4.8	0.28	ug/L		09/18/14 09:26	09/19/14 14:22	1
Acenaphthene	0.19	U H	0.19	0.042	ug/L		09/18/14 09:26	09/19/14 14:22	1
Acenaphthylene	0.19	U H	0.19	0.046	ug/L		09/18/14 09:26	09/19/14 14:22	1
Acetophenone	0.95	U H	0.95	0.32	ug/L		09/18/14 09:26	09/19/14 14:22	1
Anthracene	0.19	U H	0.19	0.084	ug/L		09/18/14 09:26	09/19/14 14:22	1
Atrazine	0.95	U H	0.95	0.32	ug/L		09/18/14 09:26	09/19/14 14:22	1
Benzaldehyde	0.95	U H *	0.95	0.37	ug/L		09/18/14 09:26	09/19/14 14:22	1
Benzo[a]anthracene	0.19	U H	0.19	0.028	ug/L		09/18/14 09:26	09/19/14 14:22	1
Benzo[a]pyrene	0.19	U H	0.19	0.049	ug/L		09/18/14 09:26	09/19/14 14:22	1
Benzo[b]fluoranthene	0.19	U H	0.19	0.038	ug/L		09/18/14 09:26	09/19/14 14:22	1
Benzo[g,h,i]perylene	0.19	U H	0.19	0.044	ug/L		09/18/14 09:26	09/19/14 14:22	1
Benzo[k]fluoranthene	0.19	U H	0.19	0.043	ug/L		09/18/14 09:26	09/19/14 14:22	1
Bis(2-chloroethoxy)methane	0.95	U H	0.95	0.30	ug/L		09/18/14 09:26	09/19/14 14:22	1
Bis(2-chloroethyl)ether	0.95	U H	0.95	0.095	ug/L		09/18/14 09:26	09/19/14 14:22	1
Bis(2-ethylhexyl) phthalate	4.8	U H	4.8	1.6	ug/L		09/18/14 09:26	09/19/14 14:22	1
Butyl benzyl phthalate	1.9	U H	1.9	0.25	ug/L		09/18/14 09:26	09/19/14 14:22	1
Caprolactam	4.8	U H	4.8	0.19	ug/L		09/18/14 09:26	09/19/14 14:22	1
Carbazole	0.95	U H	0.95	0.27	ug/L		09/18/14 09:26	09/19/14 14:22	1
Chrysene	0.19	U H	0.19	0.048	ug/L		09/18/14 09:26	09/19/14 14:22	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - RE (Continued)

Client Sample ID: WG-631110-090914-SG-003 — **Lab Sample ID: 240-41809-3**
Date Collected: 09/09/14 11:10 — **Matrix: Water**
Date Received: 09/10/14 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	0.19	U H	0.19	0.042	ug/L		09/18/14 09:26	09/19/14 14:22	1
Dibenzofuran	0.95	U H	0.95	0.019	ug/L		09/18/14 09:26	09/19/14 14:22	1
Diethyl phthalate	1.9	U H	1.9	0.57	ug/L		09/18/14 09:26	09/19/14 14:22	1
Dimethyl phthalate	1.9	U H	1.9	0.28	ug/L		09/18/14 09:26	09/19/14 14:22	1
Di-n-butyl phthalate	4.8	U H	4.8	1.6	ug/L		09/18/14 09:26	09/19/14 14:22	1
Di-n-octyl phthalate	1.9	U H	1.9	0.22	ug/L		09/18/14 09:26	09/19/14 14:22	1
Fluoranthene	0.19	U H	0.19	0.042	ug/L		09/18/14 09:26	09/19/14 14:22	1
Fluorene	0.19	U H	0.19	0.039	ug/L		09/18/14 09:26	09/19/14 14:22	1
Hexachlorobenzene	0.19	U H	0.19	0.081	ug/L		09/18/14 09:26	09/19/14 14:22	1
Hexachlorobutadiene	0.95	U H	0.95	0.26	ug/L		09/18/14 09:26	09/19/14 14:22	1
Hexachlorocyclopentadiene	9.5	U H	9.5	0.23	ug/L		09/18/14 09:26	09/19/14 14:22	1
Hexachloroethane	0.95	U H	0.95	0.18	ug/L		09/18/14 09:26	09/19/14 14:22	1
Indeno[1,2,3-cd]pyrene	0.19	U H	0.19	0.041	ug/L		09/18/14 09:26	09/19/14 14:22	1
Isophorone	0.95	U H	0.95	0.26	ug/L		09/18/14 09:26	09/19/14 14:22	1
N-Nitrosodi-n-propylamine	0.95	U H	0.95	0.23	ug/L		09/18/14 09:26	09/19/14 14:22	1
N-Nitrosodiphenylamine	0.95	U H	0.95	0.30	ug/L		09/18/14 09:26	09/19/14 14:22	1
Naphthalene	0.19	U H	0.19	0.060	ug/L		09/18/14 09:26	09/19/14 14:22	1
Nitrobenzene	0.95	U H	0.95	0.038	ug/L		09/18/14 09:26	09/19/14 14:22	1
Pentachlorophenol	4.8	U H	4.8	0.26	ug/L		09/18/14 09:26	09/19/14 14:22	1
Phenanthrene	0.19	U H	0.19	0.059	ug/L		09/18/14 09:26	09/19/14 14:22	1
Phenol	0.95	U H	0.95	0.57	ug/L		09/18/14 09:26	09/19/14 14:22	1
Pyrene	0.19	U H	0.19	0.040	ug/L		09/18/14 09:26	09/19/14 14:22	1
3 & 4 Methylphenol	1.9	U H	1.9	0.76	ug/L		09/18/14 09:26	09/19/14 14:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*79*		*31 - 115*	*09/18/14 09:26*	*09/19/14 14:22*	*1*
Phenol-d5 (Surr)	*20*		*10 - 110*	*09/18/14 09:26*	*09/19/14 14:22*	*1*
Nitrobenzene-d5 (Surr)	*60*		*31 - 110*	*09/18/14 09:26*	*09/19/14 14:22*	*1*
2-Fluorophenol (Surr)	*34*		*15 - 110*	*09/18/14 09:26*	*09/19/14 14:22*	*1*
2-Fluorobiphenyl (Surr)	*69*		*29 - 110*	*09/18/14 09:26*	*09/19/14 14:22*	*1*
2,4,6-Tribromophenol (Surr)	*82*		*21 - 128*	*09/18/14 09:26*	*09/19/14 14:22*	*1*

Client Sample ID: WG-631110-090914-DJT-004 — **Lab Sample ID: 240-41809-4**
Date Collected: 09/09/14 09:55 — **Matrix: Water**
Date Received: 09/10/14 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.96	U H	0.96	0.13	ug/L		09/18/14 09:26	09/19/14 15:13	1
bis (2-chloroisopropyl) ether	0.96	U H	0.96	0.38	ug/L		09/18/14 09:26	09/19/14 15:13	1
2,4,5-Trichlorophenol	4.8	U H	4.8	0.29	ug/L		09/18/14 09:26	09/19/14 15:13	1
2,4,6-Trichlorophenol	4.8	U H	4.8	0.23	ug/L		09/18/14 09:26	09/19/14 15:13	1
2,4-Dichlorophenol	1.9	U H	1.9	0.18	ug/L		09/18/14 09:26	09/19/14 15:13	1
2,4-Dimethylphenol	1.9	U H	1.9	0.24	ug/L		09/18/14 09:26	09/19/14 15:13	1
2,4-Dinitrophenol	4.8	U H	4.8	0.31	ug/L		09/18/14 09:26	09/19/14 15:13	1
2,4-Dinitrotoluene	4.8	U H	4.8	0.24	ug/L		09/18/14 09:26	09/19/14 15:13	1
2,6-Dinitrotoluene	4.8	U H	4.8	0.77	ug/L		09/18/14 09:26	09/19/14 15:13	1
2-Chloronaphthalene	0.96	U H	0.96	0.096	ug/L		09/18/14 09:26	09/19/14 15:13	1
2-Chlorophenol	0.96	U H	0.96	0.28	ug/L		09/18/14 09:26	09/19/14 15:13	1
2-Methylnaphthalene	0.19	U H	0.19	0.087	ug/L		09/18/14 09:26	09/19/14 15:13	1
2-Methylphenol	0.96	U H	0.96	0.16	ug/L		09/18/14 09:26	09/19/14 15:13	1
2-Nitroaniline	1.9	U H	1.9	0.20	ug/L		09/18/14 09:26	09/19/14 15:13	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - RE (Continued)

Client Sample ID: WG-631110-090914-DJT-004
Date Collected: 09/09/14 09:55
Date Received: 09/10/14 09:30

Lab Sample ID: 240-41809-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	1.9	U H	1.9	0.27	ug/L		09/18/14 09:26	09/19/14 15:13	1
3,3'-Dichlorobenzidine	4.8	U H	4.8	0.36	ug/L		09/18/14 09:26	09/19/14 15:13	1
3-Nitroaniline	1.9	U H	1.9	0.27	ug/L		09/18/14 09:26	09/19/14 15:13	1
4,6-Dinitro-2-methylphenol	4.8	U H	4.8	2.3	ug/L		09/18/14 09:26	09/19/14 15:13	1
4-Bromophenyl phenyl ether	1.9	U H	1.9	0.21	ug/L		09/18/14 09:26	09/19/14 15:13	1
4-Chloro-3-methylphenol	1.9	U H	1.9	0.20	ug/L		09/18/14 09:26	09/19/14 15:13	1
4-Chloroaniline	1.9	U H	1.9	0.20	ug/L		09/18/14 09:26	09/19/14 15:13	1
4-Chlorophenyl phenyl ether	1.9	U H	1.9	0.29	ug/L		09/18/14 09:26	09/19/14 15:13	1
4-Nitroaniline	1.9	U H	1.9	0.21	ug/L		09/18/14 09:26	09/19/14 15:13	1
4-Nitrophenol	4.8	U H	4.8	0.28	ug/L		09/18/14 09:26	09/19/14 15:13	1
Acenaphthene	0.19	U H	0.19	0.043	ug/L		09/18/14 09:26	09/19/14 15:13	1
Acenaphthylene	0.19	U H	0.19	0.046	ug/L		09/18/14 09:26	09/19/14 15:13	1
Acetophenone	0.96	U H	0.96	0.33	ug/L		09/18/14 09:26	09/19/14 15:13	1
Anthracene	0.19	U H	0.19	0.085	ug/L		09/18/14 09:26	09/19/14 15:13	1
Atrazine	0.96	U H	0.96	0.33	ug/L		09/18/14 09:26	09/19/14 15:13	1
Benzaldehyde	0.96	U H *	0.96	0.37	ug/L		09/18/14 09:26	09/19/14 15:13	1
Benzo[a]anthracene	0.19	U H	0.19	0.028	ug/L		09/18/14 09:26	09/19/14 15:13	1
Benzo[a]pyrene	0.19	U H	0.19	0.049	ug/L		09/18/14 09:26	09/19/14 15:13	1
Benzo[b]fluoranthene	0.19	U H	0.19	0.038	ug/L		09/18/14 09:26	09/19/14 15:13	1
Benzo[g,h,i]perylene	0.19	U H	0.19	0.045	ug/L		09/18/14 09:26	09/19/14 15:13	1
Benzo[k]fluoranthene	0.19	U H	0.19	0.043	ug/L		09/18/14 09:26	09/19/14 15:13	1
Bis(2-chloroethoxy)methane	0.96	U H	0.96	0.31	ug/L		09/18/14 09:26	09/19/14 15:13	1
Bis(2-chloroethyl)ether	0.96	U H	0.96	0.096	ug/L		09/18/14 09:26	09/19/14 15:13	1
Bis(2-ethylhexyl) phthalate	4.8	U H	4.8	1.6	ug/L		09/18/14 09:26	09/19/14 15:13	1
Butyl benzyl phthalate	1.9	U H	1.9	0.25	ug/L		09/18/14 09:26	09/19/14 15:13	1
Caprolactam	4.8	U H	4.8	0.19	ug/L		09/18/14 09:26	09/19/14 15:13	1
Carbazole	0.96	U H	0.96	0.27	ug/L		09/18/14 09:26	09/19/14 15:13	1
Chrysene	0.19	U H	0.19	0.048	ug/L		09/18/14 09:26	09/19/14 15:13	1
Dibenz(a,h)anthracene	0.19	U H	0.19	0.043	ug/L		09/18/14 09:26	09/19/14 15:13	1
Dibenzofuran	0.96	U H	0.96	0.019	ug/L		09/18/14 09:26	09/19/14 15:13	1
Diethyl phthalate	1.9	U H	1.9	0.58	ug/L		09/18/14 09:26	09/19/14 15:13	1
Dimethyl phthalate	1.9	U H	1.9	0.28	ug/L		09/18/14 09:26	09/19/14 15:13	1
Di-n-butyl phthalate	4.8	U H	4.8	1.6	ug/L		09/18/14 09:26	09/19/14 15:13	1
Di-n-octyl phthalate	1.9	U H	1.9	0.22	ug/L		09/18/14 09:26	09/19/14 15:13	1
Fluoranthene	0.19	U H	0.19	0.043	ug/L		09/18/14 09:26	09/19/14 15:13	1
Fluorene	0.19	U H	0.19	0.039	ug/L		09/18/14 09:26	09/19/14 15:13	1
Hexachlorobenzene	0.19	U H	0.19	0.082	ug/L		09/18/14 09:26	09/19/14 15:13	1
Hexachlorobutadiene	0.96	U H	0.96	0.26	ug/L		09/18/14 09:26	09/19/14 15:13	1
Hexachlorocyclopentadiene	9.6	U H	9.6	0.23	ug/L		09/18/14 09:26	09/19/14 15:13	1
Hexachloroethane	0.96	U H	0.96	0.18	ug/L		09/18/14 09:26	09/19/14 15:13	1
Indeno[1,2,3-cd]pyrene	0.19	U H	0.19	0.042	ug/L		09/18/14 09:26	09/19/14 15:13	1
Isophorone	0.96	U H	0.96	0.26	ug/L		09/18/14 09:26	09/19/14 15:13	1
N-Nitrosodi-n-propylamine	0.96	U H	0.96	0.23	ug/L		09/18/14 09:26	09/19/14 15:13	1
N-Nitrosodiphenylamine	0.96	U H	0.96	0.30	ug/L		09/18/14 09:26	09/19/14 15:13	1
Naphthalene	0.19	U H	0.19	0.060	ug/L		09/18/14 09:26	09/19/14 15:13	1
Nitrobenzene	0.96	U H	0.96	0.038	ug/L		09/18/14 09:26	09/19/14 15:13	1
Pentachlorophenol	4.8	U H	4.8	0.26	ug/L		09/18/14 09:26	09/19/14 15:13	1
Phenanthrene	0.19	U H	0.19	0.060	ug/L		09/18/14 09:26	09/19/14 15:13	1
Phenol	0.96	U H	0.96	0.58	ug/L		09/18/14 09:26	09/19/14 15:13	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - RE (Continued)

Client Sample ID: WG-631110-090914-DJT-004
Date Collected: 09/09/14 09:55
Date Received: 09/10/14 09:30

Lab Sample ID: 240-41809-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyrene	0.19	U H	0.19	0.040	ug/L		09/18/14 09:26	09/19/14 15:13	1
3 & 4 Methylphenol	1.9	U H	1.9	0.77	ug/L		09/18/14 09:26	09/19/14 15:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*80*		*31 - 115*	*09/18/14 09:26*	*09/19/14 15:13*	*1*
Phenol-d5 (Surr)	*16*		*10 - 110*	*09/18/14 09:26*	*09/19/14 15:13*	*1*
Nitrobenzene-d5 (Surr)	*45*		*31 - 110*	*09/18/14 09:26*	*09/19/14 15:13*	*1*
2-Fluorophenol (Surr)	*25*		*15 - 110*	*09/18/14 09:26*	*09/19/14 15:13*	*1*
2-Fluorobiphenyl (Surr)	*51*		*29 - 110*	*09/18/14 09:26*	*09/19/14 15:13*	*1*
2,4,6-Tribromophenol (Surr)	*72*		*21 - 128*	*09/18/14 09:26*	*09/19/14 15:13*	*1*

Client Sample ID: WG-631110-090914-SG-005
Date Collected: 09/09/14 11:10
Date Received: 09/10/14 09:30

Lab Sample ID: 240-41809-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.95	U H	0.95	0.12	ug/L		09/18/14 09:26	09/19/14 13:56	1
bis (2-chloroisopropyl) ether	0.95	U H	0.95	0.38	ug/L		09/18/14 09:26	09/19/14 13:56	1
2,4,5-Trichlorophenol	4.8	U H	4.8	0.29	ug/L		09/18/14 09:26	09/19/14 13:56	1
2,4,6-Trichlorophenol	4.8	U H	4.8	0.23	ug/L		09/18/14 09:26	09/19/14 13:56	1
2,4-Dichlorophenol	1.9	U H	1.9	0.18	ug/L		09/18/14 09:26	09/19/14 13:56	1
2,4-Dimethylphenol	1.9	U H	1.9	0.24	ug/L		09/18/14 09:26	09/19/14 13:56	1
2,4-Dinitrophenol	4.8	U H	4.8	0.30	ug/L		09/18/14 09:26	09/19/14 13:56	1
2,4-Dinitrotoluene	4.8	U H	4.8	0.24	ug/L		09/18/14 09:26	09/19/14 13:56	1
2,6-Dinitrotoluene	4.8	U H	4.8	0.76	ug/L		09/18/14 09:26	09/19/14 13:56	1
2-Chloronaphthalene	0.95	U H	0.95	0.095	ug/L		09/18/14 09:26	09/19/14 13:56	1
2-Chlorophenol	0.95	U H	0.95	0.28	ug/L		09/18/14 09:26	09/19/14 13:56	1
2-Methylnaphthalene	0.19	U H	0.19	0.086	ug/L		09/18/14 09:26	09/19/14 13:56	1
2-Methylphenol	0.95	U H	0.95	0.16	ug/L		09/18/14 09:26	09/19/14 13:56	1
2-Nitroaniline	1.9	U H	1.9	0.20	ug/L		09/18/14 09:26	09/19/14 13:56	1
2-Nitrophenol	1.9	U H	1.9	0.27	ug/L		09/18/14 09:26	09/19/14 13:56	1
3,3'-Dichlorobenzidine	4.8	U H	4.8	0.35	ug/L		09/18/14 09:26	09/19/14 13:56	1
3-Nitroaniline	1.9	U H	1.9	0.27	ug/L		09/18/14 09:26	09/19/14 13:56	1
4,6-Dinitro-2-methylphenol	4.8	U H	4.8	2.3	ug/L		09/18/14 09:26	09/19/14 13:56	1
4-Bromophenyl phenyl ether	1.9	U H	1.9	0.21	ug/L		09/18/14 09:26	09/19/14 13:56	1
4-Chloro-3-methylphenol	1.9	U H	1.9	0.20	ug/L		09/18/14 09:26	09/19/14 13:56	1
4-Chloroaniline	1.9	U H	1.9	0.20	ug/L		09/18/14 09:26	09/19/14 13:56	1
4-Chlorophenyl phenyl ether	1.9	U H	1.9	0.29	ug/L		09/18/14 09:26	09/19/14 13:56	1
4-Nitroaniline	1.9	U H	1.9	0.21	ug/L		09/18/14 09:26	09/19/14 13:56	1
4-Nitrophenol	4.8	U H	4.8	0.28	ug/L		09/18/14 09:26	09/19/14 13:56	1
Acenaphthene	0.19	U H	0.19	0.042	ug/L		09/18/14 09:26	09/19/14 13:56	1
Acenaphthylene	0.19	U H	0.19	0.046	ug/L		09/18/14 09:26	09/19/14 13:56	1
Acetophenone	0.95	U H	0.95	0.32	ug/L		09/18/14 09:26	09/19/14 13:56	1
Anthracene	0.19	U H	0.19	0.084	ug/L		09/18/14 09:26	09/19/14 13:56	1
Atrazine	0.95	U H	0.95	0.32	ug/L		09/18/14 09:26	09/19/14 13:56	1
Benzaldehyde	0.95	U H *	0.95	0.37	ug/L		09/18/14 09:26	09/19/14 13:56	1
Benzo[a]anthracene	0.19	U H	0.19	0.028	ug/L		09/18/14 09:26	09/19/14 13:56	1
Benzo[a]pyrene	0.19	U H	0.19	0.049	ug/L		09/18/14 09:26	09/19/14 13:56	1
Benzo[b]fluoranthene	0.19	U H	0.19	0.038	ug/L		09/18/14 09:26	09/19/14 13:56	1
Benzo[g,h,i]perylene	0.19	U H	0.19	0.044	ug/L		09/18/14 09:26	09/19/14 13:56	1
Benzo[k]fluoranthene	0.19	U H	0.19	0.043	ug/L		09/18/14 09:26	09/19/14 13:56	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - RE (Continued)

Client Sample ID: WG-631110-090914-SG-005
Date Collected: 09/09/14 11:10
Date Received: 09/10/14 09:30

Lab Sample ID: 240-41809-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethoxy)methane	0.95	U H	0.95	0.30	ug/L		09/18/14 09:26	09/19/14 13:56	1
Bis(2-chloroethyl)ether	0.95	U H	0.95	0.095	ug/L		09/18/14 09:26	09/19/14 13:56	1
Bis(2-ethylhexyl) phthalate	4.8	U H	4.8	1.6	ug/L		09/18/14 09:26	09/19/14 13:56	1
Butyl benzyl phthalate	1.9	U H	1.9	0.25	ug/L		09/18/14 09:26	09/19/14 13:56	1
Caprolactam	4.8	U H	4.8	0.19	ug/L		09/18/14 09:26	09/19/14 13:56	1
Carbazole	0.95	U H	0.95	0.27	ug/L		09/18/14 09:26	09/19/14 13:56	1
Chrysene	0.19	U H	0.19	0.048	ug/L		09/18/14 09:26	09/19/14 13:56	1
Dibenz(a,h)anthracene	0.19	U H	0.19	0.042	ug/L		09/18/14 09:26	09/19/14 13:56	1
Dibenzofuran	0.95	U H	0.95	0.019	ug/L		09/18/14 09:26	09/19/14 13:56	1
Diethyl phthalate	1.9	U H	1.9	0.57	ug/L		09/18/14 09:26	09/19/14 13:56	1
Dimethyl phthalate	1.9	U H	1.9	0.28	ug/L		09/18/14 09:26	09/19/14 13:56	1
Di-n-butyl phthalate	4.8	U H	4.8	1.6	ug/L		09/18/14 09:26	09/19/14 13:56	1
Di-n-octyl phthalate	1.9	U H	1.9	0.22	ug/L		09/18/14 09:26	09/19/14 13:56	1
Fluoranthene	0.19	U H	0.19	0.042	ug/L		09/18/14 09:26	09/19/14 13:56	1
Fluorene	0.19	U H	0.19	0.039	ug/L		09/18/14 09:26	09/19/14 13:56	1
Hexachlorobenzene	0.19	U H	0.19	0.081	ug/L		09/18/14 09:26	09/19/14 13:56	1
Hexachlorobutadiene	0.95	U H	0.95	0.26	ug/L		09/18/14 09:26	09/19/14 13:56	1
Hexachlorocyclopentadiene	9.5	U H	9.5	0.23	ug/L		09/18/14 09:26	09/19/14 13:56	1
Hexachloroethane	0.95	U H	0.95	0.18	ug/L		09/18/14 09:26	09/19/14 13:56	1
Indeno[1,2,3-cd]pyrene	0.19	U H	0.19	0.041	ug/L		09/18/14 09:26	09/19/14 13:56	1
Isophorone	0.95	U H	0.95	0.26	ug/L		09/18/14 09:26	09/19/14 13:56	1
N-Nitrosodi-n-propylamine	0.95	U H	0.95	0.23	ug/L		09/18/14 09:26	09/19/14 13:56	1
N-Nitrosodiphenylamine	0.95	U H	0.95	0.30	ug/L		09/18/14 09:26	09/19/14 13:56	1
Naphthalene	0.19	U H	0.19	0.060	ug/L		09/18/14 09:26	09/19/14 13:56	1
Nitrobenzene	0.95	U H	0.95	0.038	ug/L		09/18/14 09:26	09/19/14 13:56	1
Pentachlorophenol	4.8	U H	4.8	0.26	ug/L		09/18/14 09:26	09/19/14 13:56	1
Phenanthrene	0.19	U H	0.19	0.059	ug/L		09/18/14 09:26	09/19/14 13:56	1
Phenol	0.95	U H	0.95	0.57	ug/L		09/18/14 09:26	09/19/14 13:56	1
Pyrene	0.19	U H	0.19	0.040	ug/L		09/18/14 09:26	09/19/14 13:56	1
3 & 4 Methylphenol	1.9	U H	1.9	0.76	ug/L		09/18/14 09:26	09/19/14 13:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*76*		*31 - 115*	*09/18/14 09:26*	*09/19/14 13:56*	*1*
Phenol-d5 (Surr)	*20*		*10 - 110*	*09/18/14 09:26*	*09/19/14 13:56*	*1*
Nitrobenzene-d5 (Surr)	*58*		*31 - 110*	*09/18/14 09:26*	*09/19/14 13:56*	*1*
2-Fluorophenol (Surr)	*33*		*15 - 110*	*09/18/14 09:26*	*09/19/14 13:56*	*1*
2-Fluorobiphenyl (Surr)	*67*		*29 - 110*	*09/18/14 09:26*	*09/19/14 13:56*	*1*
2,4,6-Tribromophenol (Surr)	*84*		*21 - 128*	*09/18/14 09:26*	*09/19/14 13:56*	*1*

Client Sample ID: WG-631110-090914-DJT-006
Date Collected: 09/09/14 10:25
Date Received: 09/10/14 09:30

Lab Sample ID: 240-41809-6
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.96	U H	0.96	0.13	ug/L		09/18/14 09:26	09/19/14 15:39	1
bis (2-chloroisopropyl) ether	0.96	U H	0.96	0.38	ug/L		09/18/14 09:26	09/19/14 15:39	1
2,4,5-Trichlorophenol	4.8	U H	4.8	0.29	ug/L		09/18/14 09:26	09/19/14 15:39	1
2,4,6-Trichlorophenol	4.8	U H	4.8	0.23	ug/L		09/18/14 09:26	09/19/14 15:39	1
2,4-Dichlorophenol	1.9	U H	1.9	0.18	ug/L		09/18/14 09:26	09/19/14 15:39	1
2,4-Dimethylphenol	1.9	U H	1.9	0.24	ug/L		09/18/14 09:26	09/19/14 15:39	1
2,4-Dinitrophenol	4.8	U H	4.8	0.31	ug/L		09/18/14 09:26	09/19/14 15:39	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - RE (Continued)

Client Sample ID: WG-631110-090914-DJT-006
Date Collected: 09/09/14 10:25
Date Received: 09/10/14 09:30

Lab Sample ID: 240-41809-6
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	4.8	U H	4.8	0.24	ug/L		09/18/14 09:26	09/19/14 15:39	1
2,6-Dinitrotoluene	4.8	U H	4.8	0.77	ug/L		09/18/14 09:26	09/19/14 15:39	1
2-Chloronaphthalene	0.96	U H	0.96	0.096	ug/L		09/18/14 09:26	09/19/14 15:39	1
2-Chlorophenol	0.96	U H	0.96	0.28	ug/L		09/18/14 09:26	09/19/14 15:39	1
2-Methylnaphthalene	0.19	U H	0.19	0.087	ug/L		09/18/14 09:26	09/19/14 15:39	1
2-Methylphenol	0.96	U H	0.96	0.16	ug/L		09/18/14 09:26	09/19/14 15:39	1
2-Nitroaniline	1.9	U H	1.9	0.20	ug/L		09/18/14 09:26	09/19/14 15:39	1
2-Nitrophenol	1.9	U H	1.9	0.27	ug/L		09/18/14 09:26	09/19/14 15:39	1
3,3'-Dichlorobenzidine	4.8	U H	4.8	0.36	ug/L		09/18/14 09:26	09/19/14 15:39	1
3-Nitroaniline	1.9	U H	1.9	0.27	ug/L		09/18/14 09:26	09/19/14 15:39	1
4,6-Dinitro-2-methylphenol	4.8	U H	4.8	2.3	ug/L		09/18/14 09:26	09/19/14 15:39	1
4-Bromophenyl phenyl ether	1.9	U H	1.9	0.21	ug/L		09/18/14 09:26	09/19/14 15:39	1
4-Chloro-3-methylphenol	1.9	U H	1.9	0.20	ug/L		09/18/14 09:26	09/19/14 15:39	1
4-Chloroaniline	1.9	U H	1.9	0.20	ug/L		09/18/14 09:26	09/19/14 15:39	1
4-Chlorophenyl phenyl ether	1.9	U H	1.9	0.29	ug/L		09/18/14 09:26	09/19/14 15:39	1
4-Nitroaniline	1.9	U H	1.9	0.21	ug/L		09/18/14 09:26	09/19/14 15:39	1
4-Nitrophenol	4.8	U H	4.8	0.28	ug/L		09/18/14 09:26	09/19/14 15:39	1
Acenaphthene	0.19	U H	0.19	0.043	ug/L		09/18/14 09:26	09/19/14 15:39	1
Acenaphthylene	0.19	U H	0.19	0.046	ug/L		09/18/14 09:26	09/19/14 15:39	1
Acetophenone	0.96	U H	0.96	0.33	ug/L		09/18/14 09:26	09/19/14 15:39	1
Anthracene	0.19	U H	0.19	0.085	ug/L		09/18/14 09:26	09/19/14 15:39	1
Atrazine	0.96	U H	0.96	0.33	ug/L		09/18/14 09:26	09/19/14 15:39	1
Benzaldehyde	0.96	U H *	0.96	0.37	ug/L		09/18/14 09:26	09/19/14 15:39	1
Benzo[a]anthracene	0.19	U H	0.19	0.028	ug/L		09/18/14 09:26	09/19/14 15:39	1
Benzo[a]pyrene	0.19	U H	0.19	0.049	ug/L		09/18/14 09:26	09/19/14 15:39	1
Benzo[b]fluoranthene	0.19	U H	0.19	0.038	ug/L		09/18/14 09:26	09/19/14 15:39	1
Benzo[g,h,i]perylene	0.19	U H	0.19	0.045	ug/L		09/18/14 09:26	09/19/14 15:39	1
Benzo[k]fluoranthene	0.19	U H	0.19	0.043	ug/L		09/18/14 09:26	09/19/14 15:39	1
Bis(2-chloroethoxy)methane	0.96	U H	0.96	0.31	ug/L		09/18/14 09:26	09/19/14 15:39	1
Bis(2-chloroethyl)ether	0.96	U H	0.96	0.096	ug/L		09/18/14 09:26	09/19/14 15:39	1
Bis(2-ethylhexyl) phthalate	4.8	U H	4.8	1.6	ug/L		09/18/14 09:26	09/19/14 15:39	1
Butyl benzyl phthalate	1.9	U H	1.9	0.25	ug/L		09/18/14 09:26	09/19/14 15:39	1
Caprolactam	4.8	U H	4.8	0.19	ug/L		09/18/14 09:26	09/19/14 15:39	1
Carbazole	0.96	U H	0.96	0.27	ug/L		09/18/14 09:26	09/19/14 15:39	1
Chrysene	0.19	U H	0.19	0.048	ug/L		09/18/14 09:26	09/19/14 15:39	1
Dibenz(a,h)anthracene	0.19	U H	0.19	0.043	ug/L		09/18/14 09:26	09/19/14 15:39	1
Dibenzofuran	0.96	U H	0.96	0.019	ug/L		09/18/14 09:26	09/19/14 15:39	1
Diethyl phthalate	1.9	U H	1.9	0.58	ug/L		09/18/14 09:26	09/19/14 15:39	1
Dimethyl phthalate	1.9	U H	1.9	0.28	ug/L		09/18/14 09:26	09/19/14 15:39	1
Di-n-butyl phthalate	4.8	U H	4.8	1.6	ug/L		09/18/14 09:26	09/19/14 15:39	1
Di-n-octyl phthalate	1.9	U H	1.9	0.22	ug/L		09/18/14 09:26	09/19/14 15:39	1
Fluoranthene	0.19	U H	0.19	0.043	ug/L		09/18/14 09:26	09/19/14 15:39	1
Fluorene	0.19	U H	0.19	0.039	ug/L		09/18/14 09:26	09/19/14 15:39	1
Hexachlorobenzene	0.19	U H	0.19	0.082	ug/L		09/18/14 09:26	09/19/14 15:39	1
Hexachlorobutadiene	0.96	U H	0.96	0.26	ug/L		09/18/14 09:26	09/19/14 15:39	1
Hexachlorocyclopentadiene	9.6	U H	9.6	0.23	ug/L		09/18/14 09:26	09/19/14 15:39	1
Hexachloroethane	0.96	U H	0.96	0.18	ug/L		09/18/14 09:26	09/19/14 15:39	1
Indeno[1,2,3-cd]pyrene	0.19	U H	0.19	0.042	ug/L		09/18/14 09:26	09/19/14 15:39	1
Isophorone	0.96	U H	0.96	0.26	ug/L		09/18/14 09:26	09/19/14 15:39	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - RE (Continued)

Client Sample ID: WG-631110-090914-DJT-006
Date Collected: 09/09/14 10:25
Date Received: 09/10/14 09:30

Lab Sample ID: 240-41809-6
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	0.96	U H	0.96	0.23	ug/L		09/18/14 09:26	09/19/14 15:39	1
N-Nitrosodiphenylamine	0.96	U H	0.96	0.30	ug/L		09/18/14 09:26	09/19/14 15:39	1
Naphthalene	0.19	U H	0.19	0.060	ug/L		09/18/14 09:26	09/19/14 15:39	1
Nitrobenzene	0.96	U H	0.96	0.038	ug/L		09/18/14 09:26	09/19/14 15:39	1
Pentachlorophenol	4.8	U H	4.8	0.26	ug/L		09/18/14 09:26	09/19/14 15:39	1
Phenanthrene	0.19	U H	0.19	0.060	ug/L		09/18/14 09:26	09/19/14 15:39	1
Phenol	0.96	U H	0.96	0.58	ug/L		09/18/14 09:26	09/19/14 15:39	1
Pyrene	0.19	U H	0.19	0.040	ug/L		09/18/14 09:26	09/19/14 15:39	1
3 & 4 Methylphenol	1.9	U H	1.9	0.77	ug/L		09/18/14 09:26	09/19/14 15:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*78*		*31 - 115*	*09/18/14 09:26*	*09/19/14 15:39*	*1*
Phenol-d5 (Surr)	*18*		*10 - 110*	*09/18/14 09:26*	*09/19/14 15:39*	*1*
Nitrobenzene-d5 (Surr)	*47*		*31 - 110*	*09/18/14 09:26*	*09/19/14 15:39*	*1*
2-Fluorophenol (Surr)	*29*		*15 - 110*	*09/18/14 09:26*	*09/19/14 15:39*	*1*
2-Fluorobiphenyl (Surr)	*56*		*29 - 110*	*09/18/14 09:26*	*09/19/14 15:39*	*1*
2,4,6-Tribromophenol (Surr)	*68*		*21 - 128*	*09/18/14 09:26*	*09/19/14 15:39*	*1*

Client Sample ID: WG-631110-090914-SG-007
Date Collected: 09/09/14 12:50
Date Received: 09/10/14 09:30

Lab Sample ID: 240-41809-7
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.96	U H	0.96	0.13	ug/L		09/18/14 09:26	09/19/14 16:31	1
bis (2-chloroisopropyl) ether	0.96	U H	0.96	0.38	ug/L		09/18/14 09:26	09/19/14 16:31	1
2,4,5-Trichlorophenol	4.8	U H	4.8	0.29	ug/L		09/18/14 09:26	09/19/14 16:31	1
2,4,6-Trichlorophenol	4.8	U H	4.8	0.23	ug/L		09/18/14 09:26	09/19/14 16:31	1
2,4-Dichlorophenol	1.9	U H	1.9	0.18	ug/L		09/18/14 09:26	09/19/14 16:31	1
2,4-Dimethylphenol	1.9	U H	1.9	0.24	ug/L		09/18/14 09:26	09/19/14 16:31	1
2,4-Dinitrophenol	4.8	U H	4.8	0.31	ug/L		09/18/14 09:26	09/19/14 16:31	1
2,4-Dinitrotoluene	4.8	U H	4.8	0.24	ug/L		09/18/14 09:26	09/19/14 16:31	1
2,6-Dinitrotoluene	4.8	U H	4.8	0.77	ug/L		09/18/14 09:26	09/19/14 16:31	1
2-Chloronaphthalene	0.96	U H	0.96	0.096	ug/L		09/18/14 09:26	09/19/14 16:31	1
2-Chlorophenol	0.96	U H	0.96	0.28	ug/L		09/18/14 09:26	09/19/14 16:31	1
2-Methylnaphthalene	0.19	U H	0.19	0.087	ug/L		09/18/14 09:26	09/19/14 16:31	1
2-Methylphenol	0.96	U H	0.96	0.16	ug/L		09/18/14 09:26	09/19/14 16:31	1
2-Nitroaniline	1.9	U H	1.9	0.20	ug/L		09/18/14 09:26	09/19/14 16:31	1
2-Nitrophenol	1.9	U H	1.9	0.27	ug/L		09/18/14 09:26	09/19/14 16:31	1
3,3'-Dichlorobenzidine	4.8	U H	4.8	0.36	ug/L		09/18/14 09:26	09/19/14 16:31	1
3-Nitroaniline	1.9	U H	1.9	0.27	ug/L		09/18/14 09:26	09/19/14 16:31	1
4,6-Dinitro-2-methylphenol	4.8	U H	4.8	2.3	ug/L		09/18/14 09:26	09/19/14 16:31	1
4-Bromophenyl phenyl ether	1.9	U H	1.9	0.21	ug/L		09/18/14 09:26	09/19/14 16:31	1
4-Chloro-3-methylphenol	1.9	U H	1.9	0.20	ug/L		09/18/14 09:26	09/19/14 16:31	1
4-Chloroaniline	1.9	U H	1.9	0.20	ug/L		09/18/14 09:26	09/19/14 16:31	1
4-Chlorophenyl phenyl ether	1.9	U H	1.9	0.29	ug/L		09/18/14 09:26	09/19/14 16:31	1
4-Nitroaniline	1.9	U H	1.9	0.21	ug/L		09/18/14 09:26	09/19/14 16:31	1
4-Nitrophenol	4.8	U H	4.8	0.28	ug/L		09/18/14 09:26	09/19/14 16:31	1
Acenaphthene	0.19	U H	0.19	0.043	ug/L		09/18/14 09:26	09/19/14 16:31	1
Acenaphthylene	0.19	U H	0.19	0.046	ug/L		09/18/14 09:26	09/19/14 16:31	1
Acetophenone	0.96	U H	0.96	0.33	ug/L		09/18/14 09:26	09/19/14 16:31	1
Anthracene	0.19	U H	0.19	0.085	ug/L		09/18/14 09:26	09/19/14 16:31	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - RE (Continued)

Client Sample ID: WG-631110-090914-SG-007
Date Collected: 09/09/14 12:50
Date Received: 09/10/14 09:30

Lab Sample ID: 240-41809-7
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Atrazine	0.96	U H	0.96	0.33	ug/L		09/18/14 09:26	09/19/14 16:31	1
Benzaldehyde	0.96	U H *	0.96	0.37	ug/L		09/18/14 09:26	09/19/14 16:31	1
Benzo[a]anthracene	0.19	U H	0.19	0.028	ug/L		09/18/14 09:26	09/19/14 16:31	1
Benzo[a]pyrene	0.19	U H	0.19	0.049	ug/L		09/18/14 09:26	09/19/14 16:31	1
Benzo[b]fluoranthene	0.19	U H	0.19	0.038	ug/L		09/18/14 09:26	09/19/14 16:31	1
Benzo[g,h,i]perylene	0.19	U H	0.19	0.045	ug/L		09/18/14 09:26	09/19/14 16:31	1
Benzo[k]fluoranthene	0.19	U H	0.19	0.043	ug/L		09/18/14 09:26	09/19/14 16:31	1
Bis(2-chloroethoxy)methane	0.96	U H	0.96	0.31	ug/L		09/18/14 09:26	09/19/14 16:31	1
Bis(2-chloroethyl)ether	0.96	U H	0.96	0.096	ug/L		09/18/14 09:26	09/19/14 16:31	1
Bis(2-ethylhexyl) phthalate	4.8	U H	4.8	1.6	ug/L		09/18/14 09:26	09/19/14 16:31	1
Butyl benzyl phthalate	1.9	U H	1.9	0.25	ug/L		09/18/14 09:26	09/19/14 16:31	1
Caprolactam	4.8	U H	4.8	0.19	ug/L		09/18/14 09:26	09/19/14 16:31	1
Carbazole	0.96	U H	0.96	0.27	ug/L		09/18/14 09:26	09/19/14 16:31	1
Chrysene	0.19	U H	0.19	0.048	ug/L		09/18/14 09:26	09/19/14 16:31	1
Dibenz(a,h)anthracene	0.19	U H	0.19	0.043	ug/L		09/18/14 09:26	09/19/14 16:31	1
Dibenzofuran	0.96	U H	0.96	0.019	ug/L		09/18/14 09:26	09/19/14 16:31	1
Diethyl phthalate	1.9	U H	1.9	0.58	ug/L		09/18/14 09:26	09/19/14 16:31	1
Dimethyl phthalate	1.9	U H	1.9	0.28	ug/L		09/18/14 09:26	09/19/14 16:31	1
Di-n-butyl phthalate	4.8	U H	4.8	1.6	ug/L		09/18/14 09:26	09/19/14 16:31	1
Di-n-octyl phthalate	1.9	U H	1.9	0.22	ug/L		09/18/14 09:26	09/19/14 16:31	1
Fluoranthene	0.19	U H	0.19	0.043	ug/L		09/18/14 09:26	09/19/14 16:31	1
Fluorene	0.19	U H	0.19	0.039	ug/L		09/18/14 09:26	09/19/14 16:31	1
Hexachlorobenzene	0.19	U H	0.19	0.082	ug/L		09/18/14 09:26	09/19/14 16:31	1
Hexachlorobutadiene	0.96	U H	0.96	0.26	ug/L		09/18/14 09:26	09/19/14 16:31	1
Hexachlorocyclopentadiene	9.6	U H	9.6	0.23	ug/L		09/18/14 09:26	09/19/14 16:31	1
Hexachloroethane	0.96	U H	0.96	0.18	ug/L		09/18/14 09:26	09/19/14 16:31	1
Indeno[1,2,3-cd]pyrene	0.19	U H	0.19	0.042	ug/L		09/18/14 09:26	09/19/14 16:31	1
Isophorone	0.96	U H	0.96	0.26	ug/L		09/18/14 09:26	09/19/14 16:31	1
N-Nitrosodi-n-propylamine	0.96	U H	0.96	0.23	ug/L		09/18/14 09:26	09/19/14 16:31	1
N-Nitrosodiphenylamine	0.96	U H	0.96	0.30	ug/L		09/18/14 09:26	09/19/14 16:31	1
Naphthalene	0.19	U H	0.19	0.060	ug/L		09/18/14 09:26	09/19/14 16:31	1
Nitrobenzene	0.96	U H	0.96	0.038	ug/L		09/18/14 09:26	09/19/14 16:31	1
Pentachlorophenol	4.8	U H	4.8	0.26	ug/L		09/18/14 09:26	09/19/14 16:31	1
Phenanthrene	0.19	U H	0.19	0.060	ug/L		09/18/14 09:26	09/19/14 16:31	1
Phenol	0.96	U H	0.96	0.58	ug/L		09/18/14 09:26	09/19/14 16:31	1
Pyrene	0.19	U H	0.19	0.040	ug/L		09/18/14 09:26	09/19/14 16:31	1
3 & 4 Methylphenol	1.9	U H	1.9	0.77	ug/L		09/18/14 09:26	09/19/14 16:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*81*		*31 - 115*	*09/18/14 09:26*	*09/19/14 16:31*	*1*
Phenol-d5 (Surr)	*20*		*10 - 110*	*09/18/14 09:26*	*09/19/14 16:31*	*1*
Nitrobenzene-d5 (Surr)	*56*		*31 - 110*	*09/18/14 09:26*	*09/19/14 16:31*	*1*
2-Fluorophenol (Surr)	*31*		*15 - 110*	*09/18/14 09:26*	*09/19/14 16:31*	*1*
2-Fluorobiphenyl (Surr)	*66*		*29 - 110*	*09/18/14 09:26*	*09/19/14 16:31*	*1*
2,4,6-Tribromophenol (Surr)	*78*		*21 - 128*	*09/18/14 09:26*	*09/19/14 16:31*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - RE

Client Sample ID: WG-631110-090914-DJT-008
Date Collected: 09/09/14 11:20
Date Received: 09/10/14 09:30

Lab Sample ID: 240-41809-8
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.96	U H	0.96	0.13	ug/L		09/18/14 09:26	09/19/14 16:05	1
bis (2-chloroisopropyl) ether	0.96	U H	0.96	0.38	ug/L		09/18/14 09:26	09/19/14 16:05	1
2,4,5-Trichlorophenol	4.8	U H	4.8	0.29	ug/L		09/18/14 09:26	09/19/14 16:05	1
2,4,6-Trichlorophenol	4.8	U H	4.8	0.23	ug/L		09/18/14 09:26	09/19/14 16:05	1
2,4-Dichlorophenol	1.9	U H	1.9	0.18	ug/L		09/18/14 09:26	09/19/14 16:05	1
2,4-Dimethylphenol	1.9	U H	1.9	0.24	ug/L		09/18/14 09:26	09/19/14 16:05	1
2,4-Dinitrophenol	4.8	U H	4.8	0.31	ug/L		09/18/14 09:26	09/19/14 16:05	1
2,4-Dinitrotoluene	4.8	U H	4.8	0.24	ug/L		09/18/14 09:26	09/19/14 16:05	1
2,6-Dinitrotoluene	4.8	U H	4.8	0.77	ug/L		09/18/14 09:26	09/19/14 16:05	1
2-Chloronaphthalene	0.96	U H	0.96	0.096	ug/L		09/18/14 09:26	09/19/14 16:05	1
2-Chlorophenol	0.96	U H	0.96	0.28	ug/L		09/18/14 09:26	09/19/14 16:05	1
2-Methylnaphthalene	0.19	U H	0.19	0.087	ug/L		09/18/14 09:26	09/19/14 16:05	1
2-Methylphenol	0.96	U H	0.96	0.16	ug/L		09/18/14 09:26	09/19/14 16:05	1
2-Nitroaniline	1.9	U H	1.9	0.20	ug/L		09/18/14 09:26	09/19/14 16:05	1
2-Nitrophenol	1.9	U H	1.9	0.27	ug/L		09/18/14 09:26	09/19/14 16:05	1
3,3'-Dichlorobenzidine	4.8	U H	4.8	0.36	ug/L		09/18/14 09:26	09/19/14 16:05	1
3-Nitroaniline	1.9	U H	1.9	0.27	ug/L		09/18/14 09:26	09/19/14 16:05	1
4,6-Dinitro-2-methylphenol	4.8	U H	4.8	2.3	ug/L		09/18/14 09:26	09/19/14 16:05	1
4-Bromophenyl phenyl ether	1.9	U H	1.9	0.21	ug/L		09/18/14 09:26	09/19/14 16:05	1
4-Chloro-3-methylphenol	1.9	U H	1.9	0.20	ug/L		09/18/14 09:26	09/19/14 16:05	1
4-Chloroaniline	1.9	U H	1.9	0.20	ug/L		09/18/14 09:26	09/19/14 16:05	1
4-Chlorophenyl phenyl ether	1.9	U H	1.9	0.29	ug/L		09/18/14 09:26	09/19/14 16:05	1
4-Nitroaniline	1.9	U H	1.9	0.21	ug/L		09/18/14 09:26	09/19/14 16:05	1
4-Nitrophenol	4.8	U H	4.8	0.28	ug/L		09/18/14 09:26	09/19/14 16:05	1
Acenaphthene	0.19	U H	0.19	0.043	ug/L		09/18/14 09:26	09/19/14 16:05	1
Acenaphthylene	0.19	U H	0.19	0.046	ug/L		09/18/14 09:26	09/19/14 16:05	1
Acetophenone	0.96	U H	0.96	0.33	ug/L		09/18/14 09:26	09/19/14 16:05	1
Anthracene	0.19	U H	0.19	0.085	ug/L		09/18/14 09:26	09/19/14 16:05	1
Atrazine	0.96	U H	0.96	0.33	ug/L		09/18/14 09:26	09/19/14 16:05	1
Benzaldehyde	0.96	U H *	0.96	0.37	ug/L		09/18/14 09:26	09/19/14 16:05	1
Benzo[a]anthracene	0.19	U H	0.19	0.028	ug/L		09/18/14 09:26	09/19/14 16:05	1
Benzo[a]pyrene	0.19	U H	0.19	0.049	ug/L		09/18/14 09:26	09/19/14 16:05	1
Benzo[b]fluoranthene	0.19	U H	0.19	0.038	ug/L		09/18/14 09:26	09/19/14 16:05	1
Benzo[g,h,i]perylene	0.19	U H	0.19	0.045	ug/L		09/18/14 09:26	09/19/14 16:05	1
Benzo[k]fluoranthene	0.19	U H	0.19	0.043	ug/L		09/18/14 09:26	09/19/14 16:05	1
Bis(2-chloroethoxy)methane	0.96	U H	0.96	0.31	ug/L		09/18/14 09:26	09/19/14 16:05	1
Bis(2-chloroethyl)ether	0.96	U H	0.96	0.096	ug/L		09/18/14 09:26	09/19/14 16:05	1
Bis(2-ethylhexyl) phthalate	4.8	U H	4.8	1.6	ug/L		09/18/14 09:26	09/19/14 16:05	1
Butyl benzyl phthalate	1.9	U H	1.9	0.25	ug/L		09/18/14 09:26	09/19/14 16:05	1
Caprolactam	4.8	U H	4.8	0.19	ug/L		09/18/14 09:26	09/19/14 16:05	1
Carbazole	0.96	U H	0.96	0.27	ug/L		09/18/14 09:26	09/19/14 16:05	1
Chrysene	0.19	U H	0.19	0.048	ug/L		09/18/14 09:26	09/19/14 16:05	1
Dibenz(a,h)anthracene	0.19	U H	0.19	0.043	ug/L		09/18/14 09:26	09/19/14 16:05	1
Dibenzofuran	0.96	U H	0.96	0.019	ug/L		09/18/14 09:26	09/19/14 16:05	1
Diethyl phthalate	1.9	U H	1.9	0.58	ug/L		09/18/14 09:26	09/19/14 16:05	1
Dimethyl phthalate	1.9	U H	1.9	0.28	ug/L		09/18/14 09:26	09/19/14 16:05	1
Di-n-butyl phthalate	4.8	U H	4.8	1.6	ug/L		09/18/14 09:26	09/19/14 16:05	1
Di-n-octyl phthalate	1.9	U H	1.9	0.22	ug/L		09/18/14 09:26	09/19/14 16:05	1
Fluoranthene	0.19	U H	0.19	0.043	ug/L		09/18/14 09:26	09/19/14 16:05	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - RE (Continued)

Client Sample ID: WG-631110-090914-DJT-008
Date Collected: 09/09/14 11:20
Date Received: 09/10/14 09:30

Lab Sample ID: 240-41809-8
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	0.19	U H	0.19	0.039	ug/L		09/18/14 09:26	09/19/14 16:05	1
Hexachlorobenzene	0.19	U H	0.19	0.082	ug/L		09/18/14 09:26	09/19/14 16:05	1
Hexachlorobutadiene	0.96	U H	0.96	0.26	ug/L		09/18/14 09:26	09/19/14 16:05	1
Hexachlorocyclopentadiene	9.6	U H	9.6	0.23	ug/L		09/18/14 09:26	09/19/14 16:05	1
Hexachloroethane	0.96	U H	0.96	0.18	ug/L		09/18/14 09:26	09/19/14 16:05	1
Indeno[1,2,3-cd]pyrene	0.19	U H	0.19	0.042	ug/L		09/18/14 09:26	09/19/14 16:05	1
Isophorone	0.96	U H	0.96	0.26	ug/L		09/18/14 09:26	09/19/14 16:05	1
N-Nitrosodi-n-propylamine	0.96	U H	0.96	0.23	ug/L		09/18/14 09:26	09/19/14 16:05	1
N-Nitrosodiphenylamine	0.96	U H	0.96	0.30	ug/L		09/18/14 09:26	09/19/14 16:05	1
Naphthalene	0.19	U H	0.19	0.060	ug/L		09/18/14 09:26	09/19/14 16:05	1
Nitrobenzene	0.96	U H	0.96	0.038	ug/L		09/18/14 09:26	09/19/14 16:05	1
Pentachlorophenol	4.8	U H	4.8	0.26	ug/L		09/18/14 09:26	09/19/14 16:05	1
Phenanthrene	0.19	U H	0.19	0.060	ug/L		09/18/14 09:26	09/19/14 16:05	1
Phenol	0.96	U H	0.96	0.58	ug/L		09/18/14 09:26	09/19/14 16:05	1
Pyrene	0.19	U H	0.19	0.040	ug/L		09/18/14 09:26	09/19/14 16:05	1
3 & 4 Methylphenol	1.9	U H	1.9	0.77	ug/L		09/18/14 09:26	09/19/14 16:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*75*		*31 - 115*	*09/18/14 09:26*	*09/19/14 16:05*	*1*
Phenol-d5 (Surr)	*18*		*10 - 110*	*09/18/14 09:26*	*09/19/14 16:05*	*1*
Nitrobenzene-d5 (Surr)	*37*		*31 - 110*	*09/18/14 09:26*	*09/19/14 16:05*	*1*
2-Fluorophenol (Surr)	*32*		*15 - 110*	*09/18/14 09:26*	*09/19/14 16:05*	*1*
2-Fluorobiphenyl (Surr)	*50*		*29 - 110*	*09/18/14 09:26*	*09/19/14 16:05*	*1*
2,4,6-Tribromophenol (Surr)	*79*		*21 - 128*	*09/18/14 09:26*	*09/19/14 16:05*	*1*

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Client Sample ID: WG-631110-090914-SG-001 — **Lab Sample ID: 240-41809-1**
Date Collected: 09/09/14 09:55 — **Matrix: Water**
Date Received: 09/10/14 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.041	J	1.0	0.0083	ug/L		09/15/14 09:56	09/18/14 10:31	1
Aluminum	81		50	7.5	ug/L		09/15/14 09:56	09/18/14 10:31	1
Arsenic	2.0	J B	5.0	0.063	ug/L		09/15/14 09:56	09/18/14 10:31	1
Barium	200	B	5.0	0.32	ug/L		09/15/14 09:56	09/18/14 10:31	1
Beryllium	0.035	J	1.0	0.031	ug/L		09/15/14 09:56	09/18/14 10:31	1
Cadmium	0.21	J	1.0	0.026	ug/L		09/15/14 09:56	09/18/14 10:31	1
Cobalt	0.95	J	1.0	0.020	ug/L		09/15/14 09:56	09/18/14 10:31	1
Chromium	0.47	J B	2.0	0.13	ug/L		09/15/14 09:56	09/18/14 10:31	1
Copper	38	B	2.0	0.24	ug/L		09/15/14 09:56	09/18/14 10:31	1
Iron	160		100	12	ug/L		09/15/14 09:56	09/18/14 10:31	1
Manganese	220	B	5.0	0.41	ug/L		09/15/14 09:56	09/18/14 10:31	1
Nickel	1.1	J B	2.0	0.088	ug/L		09/15/14 09:56	09/18/14 10:31	1
Lead	27		1.0	0.14	ug/L		09/15/14 09:56	09/18/14 10:31	1
Antimony	2.0	B	2.0	0.11	ug/L		09/15/14 09:56	09/18/14 10:31	1
Selenium	5.0	U	5.0	0.34	ug/L		09/15/14 09:56	09/18/14 10:31	1
Thallium	0.77	J	2.0	0.40	ug/L		09/15/14 09:56	09/18/14 10:31	1
Vanadium	0.89	J	5.0	0.15	ug/L		09/15/14 09:56	09/18/14 10:31	1
Zinc	48	B	20	2.1	ug/L		09/15/14 09:56	09/18/14 10:31	1
Calcium	51000	B	1000	27	ug/L		09/15/14 09:56	09/18/14 10:31	1
Potassium	2400	B	1000	5.1	ug/L		09/15/14 09:56	09/18/14 10:31	1
Magnesium	76000	B	1000	15	ug/L		09/15/14 09:56	09/18/14 10:31	1
Sodium	83000	B	1000	4.2	ug/L		09/15/14 09:56	09/18/14 10:31	1

Client Sample ID: EB-631110-090914-DJT-002 — **Lab Sample ID: 240-41809-2**
Date Collected: 09/09/14 09:30 — **Matrix: Water**
Date Received: 09/10/14 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	1.0	U	1.0	0.0083	ug/L		09/15/14 09:56	09/18/14 11:06	1
Aluminum	50	U	50	7.5	ug/L		09/15/14 09:56	09/18/14 11:06	1
Arsenic	0.25	J B	5.0	0.063	ug/L		09/15/14 09:56	09/18/14 11:06	1
Barium	5.0	U	5.0	0.32	ug/L		09/15/14 09:56	09/18/14 11:06	1
Beryllium	0.040	J	1.0	0.031	ug/L		09/15/14 09:56	09/18/14 11:06	1
Cadmium	0.096	J	1.0	0.026	ug/L		09/15/14 09:56	09/18/14 11:06	1
Cobalt	0.090	J	1.0	0.020	ug/L		09/15/14 09:56	09/18/14 11:06	1
Chromium	0.46	J B	2.0	0.13	ug/L		09/15/14 09:56	09/18/14 11:06	1
Copper	0.59	J B	2.0	0.24	ug/L		09/15/14 09:56	09/18/14 11:06	1
Iron	100	U	100	12	ug/L		09/15/14 09:56	09/18/14 11:06	1
Manganese	5.0	U	5.0	0.41	ug/L		09/15/14 09:56	09/18/14 11:06	1
Nickel	0.50	J B	2.0	0.088	ug/L		09/15/14 09:56	09/18/14 11:06	1
Lead	0.15	J	1.0	0.14	ug/L		09/15/14 09:56	09/18/14 11:06	1
Antimony	0.47	J B	2.0	0.11	ug/L		09/15/14 09:56	09/18/14 11:06	1
Selenium	5.0	U	5.0	0.34	ug/L		09/15/14 09:56	09/18/14 11:06	1
Thallium	1.2	J	2.0	0.40	ug/L		09/15/14 09:56	09/18/14 11:06	1
Vanadium	0.16	J	5.0	0.15	ug/L		09/15/14 09:56	09/18/14 11:06	1
Zinc	5.4	J B	20	2.1	ug/L		09/15/14 09:56	09/18/14 11:06	1
Calcium	1000	U	1000	27	ug/L		09/15/14 09:56	09/18/14 11:06	1
Potassium	1000	U	1000	5.1	ug/L		09/15/14 09:56	09/18/14 11:06	1
Magnesium	1000	U	1000	15	ug/L		09/15/14 09:56	09/18/14 11:06	1
Sodium	120	J B	1000	4.2	ug/L		09/15/14 09:56	09/18/14 11:06	1

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Client Sample ID: WG-631110-090914-SG-003
Date Collected: 09/09/14 11:10
Date Received: 09/10/14 09:30

Lab Sample ID: 240-41809-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.015	J	1.0	0.0083	ug/L		09/15/14 09:56	09/18/14 11:13	1
Aluminum	620		50	7.5	ug/L		09/15/14 09:56	09/18/14 11:13	1
Arsenic	2.3	J B	5.0	0.063	ug/L		09/15/14 09:56	09/18/14 11:13	1
Barium	86	B	5.0	0.32	ug/L		09/15/14 09:56	09/18/14 11:13	1
Beryllium	0.066	J	1.0	0.031	ug/L		09/15/14 09:56	09/18/14 11:13	1
Cadmium	0.12	J	1.0	0.026	ug/L		09/15/14 09:56	09/18/14 11:13	1
Cobalt	0.88	J	1.0	0.020	ug/L		09/15/14 09:56	09/18/14 11:13	1
Chromium	1.2	J B	2.0	0.13	ug/L		09/15/14 09:56	09/18/14 11:13	1
Copper	4.1	B	2.0	0.24	ug/L		09/15/14 09:56	09/18/14 11:13	1
Iron	2600		100	12	ug/L		09/15/14 09:56	09/18/14 11:13	1
Manganese	130	B	5.0	0.41	ug/L		09/15/14 09:56	09/18/14 11:13	1
Nickel	1.1	J B	2.0	0.088	ug/L		09/15/14 09:56	09/18/14 11:13	1
Lead	2.6		1.0	0.14	ug/L		09/15/14 09:56	09/18/14 11:13	1
Antimony	0.39	J B	2.0	0.11	ug/L		09/15/14 09:56	09/18/14 11:13	1
Selenium	0.40	J	5.0	0.34	ug/L		09/15/14 09:56	09/18/14 11:13	1
Thallium	0.59	J	2.0	0.40	ug/L		09/15/14 09:56	09/18/14 11:13	1
Vanadium	2.3	J	5.0	0.15	ug/L		09/15/14 09:56	09/18/14 11:13	1
Zinc	17	J B	20	2.1	ug/L		09/15/14 09:56	09/18/14 11:13	1
Calcium	65000	B	1000	27	ug/L		09/15/14 09:56	09/18/14 11:13	1
Potassium	2900	B	1000	5.1	ug/L		09/15/14 09:56	09/18/14 11:13	1
Magnesium	62000	B	1000	15	ug/L		09/15/14 09:56	09/18/14 11:13	1
Sodium	55000	B	1000	4.2	ug/L		09/15/14 09:56	09/18/14 11:13	1

Client Sample ID: WG-631110-090914-DJT-004
Date Collected: 09/09/14 09:55
Date Received: 09/10/14 09:30

Lab Sample ID: 240-41809-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.016	J	1.0	0.0083	ug/L		09/15/14 09:56	09/18/14 11:21	1
Aluminum	240		50	7.5	ug/L		09/15/14 09:56	09/18/14 11:21	1
Arsenic	0.66	J B	5.0	0.063	ug/L		09/15/14 09:56	09/18/14 11:21	1
Barium	180	B	5.0	0.32	ug/L		09/15/14 09:56	09/18/14 11:21	1
Beryllium	0.039	J	1.0	0.031	ug/L		09/15/14 09:56	09/18/14 11:21	1
Cadmium	0.10	J	1.0	0.026	ug/L		09/15/14 09:56	09/18/14 11:21	1
Cobalt	0.23	J	1.0	0.020	ug/L		09/15/14 09:56	09/18/14 11:21	1
Chromium	1.1	J B	2.0	0.13	ug/L		09/15/14 09:56	09/18/14 11:21	1
Copper	9.2	B	2.0	0.24	ug/L		09/15/14 09:56	09/18/14 11:21	1
Iron	270		100	12	ug/L		09/15/14 09:56	09/18/14 11:21	1
Manganese	37	B	5.0	0.41	ug/L		09/15/14 09:56	09/18/14 11:21	1
Nickel	1.4	J B	2.0	0.088	ug/L		09/15/14 09:56	09/18/14 11:21	1
Lead	8.9		1.0	0.14	ug/L		09/15/14 09:56	09/18/14 11:21	1
Antimony	1.1	J B	2.0	0.11	ug/L		09/15/14 09:56	09/18/14 11:21	1
Selenium	0.34	J	5.0	0.34	ug/L		09/15/14 09:56	09/18/14 11:21	1
Thallium	2.0	U	2.0	0.40	ug/L		09/15/14 09:56	09/18/14 11:21	1
Vanadium	1.0	J	5.0	0.15	ug/L		09/15/14 09:56	09/18/14 11:21	1
Zinc	20	B	20	2.1	ug/L		09/15/14 09:56	09/18/14 11:21	1
Calcium	84000	B	1000	27	ug/L		09/15/14 09:56	09/18/14 11:21	1
Potassium	1100	B	1000	5.1	ug/L		09/15/14 09:56	09/18/14 11:21	1
Magnesium	87000	B	1000	15	ug/L		09/15/14 09:56	09/18/14 11:21	1
Sodium	89000	B	1000	4.2	ug/L		09/15/14 09:56	09/18/14 11:21	1

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Client Sample ID: WG-631110-090914-SG-005
Date Collected: 09/09/14 11:10
Date Received: 09/10/14 09:30

Lab Sample ID: 240-41809-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	**0.019**	**J**	1.0	0.0083	ug/L		09/15/14 09:56	09/18/14 11:42	1
Aluminum	**550**		50	7.5	ug/L		09/15/14 09:56	09/18/14 11:42	1
Arsenic	**1.8**	**J B**	5.0	0.063	ug/L		09/15/14 09:56	09/18/14 11:42	1
Barium	**77**	**B**	5.0	0.32	ug/L		09/15/14 09:56	09/18/14 11:42	1
Beryllium	**0.049**	**J**	1.0	0.031	ug/L		09/15/14 09:56	09/18/14 11:42	1
Cadmium	**0.034**	**J**	1.0	0.026	ug/L		09/15/14 09:56	09/18/14 11:42	1
Cobalt	**0.70**	**J**	1.0	0.020	ug/L		09/15/14 09:56	09/18/14 11:42	1
Chromium	**1.0**	**J B**	2.0	0.13	ug/L		09/15/14 09:56	09/18/14 11:42	1
Copper	**3.7**	**B**	2.0	0.24	ug/L		09/15/14 09:56	09/18/14 11:42	1
Iron	**2200**		100	12	ug/L		09/15/14 09:56	09/18/14 11:42	1
Manganese	**120**	**B**	5.0	0.41	ug/L		09/15/14 09:56	09/18/14 11:42	1
Nickel	**0.95**	**J B**	2.0	0.088	ug/L		09/15/14 09:56	09/18/14 11:42	1
Lead	**2.2**		1.0	0.14	ug/L		09/15/14 09:56	09/18/14 11:42	1
Antimony	**0.25**	**J B**	2.0	0.11	ug/L		09/15/14 09:56	09/18/14 11:42	1
Selenium	5.0	U	5.0	0.34	ug/L		09/15/14 09:56	09/18/14 11:42	1
Thallium	2.0	U	2.0	0.40	ug/L		09/15/14 09:56	09/18/14 11:42	1
Vanadium	**1.9**	**J**	5.0	0.15	ug/L		09/15/14 09:56	09/18/14 11:42	1
Zinc	**16**	**J B**	20	2.1	ug/L		09/15/14 09:56	09/18/14 11:42	1
Calcium	**59000**	**B**	1000	27	ug/L		09/15/14 09:56	09/18/14 11:42	1
Potassium	**2600**	**B**	1000	5.1	ug/L		09/15/14 09:56	09/18/14 11:42	1
Magnesium	**57000**	**B**	1000	15	ug/L		09/15/14 09:56	09/18/14 11:42	1
Sodium	**49000**	**B**	1000	4.2	ug/L		09/15/14 09:56	09/18/14 11:42	1

Client Sample ID: WG-631110-090914-DJT-006
Date Collected: 09/09/14 10:25
Date Received: 09/10/14 09:30

Lab Sample ID: 240-41809-6
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	1.0	U	1.0	0.0083	ug/L		09/15/14 09:56	09/18/14 11:49	1
Aluminum	**26**	**J**	50	7.5	ug/L		09/15/14 09:56	09/18/14 11:49	1
Arsenic	**11**	**B**	5.0	0.063	ug/L		09/15/14 09:56	09/18/14 11:49	1
Barium	**39**	**B**	5.0	0.32	ug/L		09/15/14 09:56	09/18/14 11:49	1
Beryllium	1.0	U	1.0	0.031	ug/L		09/15/14 09:56	09/18/14 11:49	1
Cadmium	1.0	U	1.0	0.026	ug/L		09/15/14 09:56	09/18/14 11:49	1
Cobalt	**0.20**	**J**	1.0	0.020	ug/L		09/15/14 09:56	09/18/14 11:49	1
Chromium	**0.17**	**J B**	2.0	0.13	ug/L		09/15/14 09:56	09/18/14 11:49	1
Copper	**0.63**	**J B**	2.0	0.24	ug/L		09/15/14 09:56	09/18/14 11:49	1
Iron	**560**		100	12	ug/L		09/15/14 09:56	09/18/14 11:49	1
Manganese	**17**	**B**	5.0	0.41	ug/L		09/15/14 09:56	09/18/14 11:49	1
Nickel	**0.36**	**J B**	2.0	0.088	ug/L		09/15/14 09:56	09/18/14 11:49	1
Lead	**0.17**	**J**	1.0	0.14	ug/L		09/15/14 09:56	09/18/14 11:49	1
Antimony	**0.14**	**J B**	2.0	0.11	ug/L		09/15/14 09:56	09/18/14 11:49	1
Selenium	5.0	U	5.0	0.34	ug/L		09/15/14 09:56	09/18/14 11:49	1
Thallium	2.0	U	2.0	0.40	ug/L		09/15/14 09:56	09/18/14 11:49	1
Vanadium	5.0	U	5.0	0.15	ug/L		09/15/14 09:56	09/18/14 11:49	1
Zinc	**4.8**	**J B**	20	2.1	ug/L		09/15/14 09:56	09/18/14 11:49	1
Calcium	**77000**	**B**	1000	27	ug/L		09/15/14 09:56	09/18/14 11:49	1
Potassium	**1900**	**B**	1000	5.1	ug/L		09/15/14 09:56	09/18/14 11:49	1
Magnesium	**97000**	**B**	1000	15	ug/L		09/15/14 09:56	09/18/14 11:49	1
Sodium	**62000**	**B**	1000	4.2	ug/L		09/15/14 09:56	09/18/14 11:49	1

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Client Sample ID: WG-631110-090914-SG-007
Date Collected: 09/09/14 12:50
Date Received: 09/10/14 09:30

Lab Sample ID: 240-41809-7
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	1.0	U	1.0	0.0083	ug/L		09/15/14 09:56	09/18/14 11:56	1
Aluminum	**40**	**J**	50	7.5	ug/L		09/15/14 09:56	09/18/14 11:56	1
Arsenic	**0.87**	**J B**	5.0	0.063	ug/L		09/15/14 09:56	09/18/14 11:56	1
Barium	**160**	**B**	5.0	0.32	ug/L		09/15/14 09:56	09/18/14 11:56	1
Beryllium	1.0	U	1.0	0.031	ug/L		09/15/14 09:56	09/18/14 11:56	1
Cadmium	1.0	U	1.0	0.026	ug/L		09/15/14 09:56	09/18/14 11:56	1
Cobalt	**0.37**	**J**	1.0	0.020	ug/L		09/15/14 09:56	09/18/14 11:56	1
Chromium	**0.25**	**J B**	2.0	0.13	ug/L		09/15/14 09:56	09/18/14 11:56	1
Copper	**0.33**	**J B**	2.0	0.24	ug/L		09/15/14 09:56	09/18/14 11:56	1
Iron	**960**		100	12	ug/L		09/15/14 09:56	09/18/14 11:56	1
Manganese	**29**	**B**	5.0	0.41	ug/L		09/15/14 09:56	09/18/14 11:56	1
Nickel	**1.2**	**J B**	2.0	0.088	ug/L		09/15/14 09:56	09/18/14 11:56	1
Lead	1.0	U	1.0	0.14	ug/L		09/15/14 09:56	09/18/14 11:56	1
Antimony	**0.13**	**J B**	2.0	0.11	ug/L		09/15/14 09:56	09/18/14 11:56	1
Selenium	5.0	U	5.0	0.34	ug/L		09/15/14 09:56	09/18/14 11:56	1
Thallium	2.0	U	2.0	0.40	ug/L		09/15/14 09:56	09/18/14 11:56	1
Vanadium	**0.15**	**J**	5.0	0.15	ug/L		09/15/14 09:56	09/18/14 11:56	1
Zinc	**18**	**J B**	20	2.1	ug/L		09/15/14 09:56	09/18/14 11:56	1
Calcium	**47000**	**B**	1000	27	ug/L		09/15/14 09:56	09/18/14 11:56	1
Potassium	**3700**	**B**	1000	5.1	ug/L		09/15/14 09:56	09/18/14 11:56	1
Magnesium	**67000**	**B**	1000	15	ug/L		09/15/14 09:56	09/18/14 11:56	1
Sodium	**54000**	**B**	1000	4.2	ug/L		09/15/14 09:56	09/18/14 11:56	1

Client Sample ID: WG-631110-090914-DJT-008
Date Collected: 09/09/14 11:20
Date Received: 09/10/14 09:30

Lab Sample ID: 240-41809-8
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	1.0	U	1.0	0.0083	ug/L		09/15/14 09:56	09/18/14 12:03	1
Aluminum	**23**	**J**	50	7.5	ug/L		09/15/14 09:56	09/18/14 12:03	1
Arsenic	**2.2**	**J B**	5.0	0.063	ug/L		09/15/14 09:56	09/18/14 12:03	1
Barium	**120**	**B**	5.0	0.32	ug/L		09/15/14 09:56	09/18/14 12:03	1
Beryllium	1.0	U	1.0	0.031	ug/L		09/15/14 09:56	09/18/14 12:03	1
Cadmium	1.0	U	1.0	0.026	ug/L		09/15/14 09:56	09/18/14 12:03	1
Cobalt	**0.53**	**J**	1.0	0.020	ug/L		09/15/14 09:56	09/18/14 12:03	1
Chromium	**0.25**	**J B**	2.0	0.13	ug/L		09/15/14 09:56	09/18/14 12:03	1
Copper	**6.0**	**B**	2.0	0.24	ug/L		09/15/14 09:56	09/18/14 12:03	1
Iron	**690**		100	12	ug/L		09/15/14 09:56	09/18/14 12:03	1
Manganese	**50**	**B**	5.0	0.41	ug/L		09/15/14 09:56	09/18/14 12:03	1
Nickel	**1.1**	**J B**	2.0	0.088	ug/L		09/15/14 09:56	09/18/14 12:03	1
Lead	**3.6**		1.0	0.14	ug/L		09/15/14 09:56	09/18/14 12:03	1
Antimony	**0.27**	**J B**	2.0	0.11	ug/L		09/15/14 09:56	09/18/14 12:03	1
Selenium	5.0	U	5.0	0.34	ug/L		09/15/14 09:56	09/18/14 12:03	1
Thallium	2.0	U	2.0	0.40	ug/L		09/15/14 09:56	09/18/14 12:03	1
Vanadium	5.0	U	5.0	0.15	ug/L		09/15/14 09:56	09/18/14 12:03	1
Zinc	**11**	**J B**	20	2.1	ug/L		09/15/14 09:56	09/18/14 12:03	1
Calcium	**130000**	**B**	1000	27	ug/L		09/15/14 09:56	09/18/14 12:03	1
Potassium	**3600**	**B**	1000	5.1	ug/L		09/15/14 09:56	09/18/14 12:03	1
Magnesium	**97000**	**B**	1000	15	ug/L		09/15/14 09:56	09/18/14 12:03	1
Sodium	**150000**	**B**	1000	4.2	ug/L		09/15/14 09:56	09/18/14 12:03	1

Method: 7470A - Mercury (CVAA)

Client Sample ID: WG-631110-090914-SG-001 — **Lab Sample ID: 240-41809-1**
Date Collected: 09/09/14 09:55 — **Matrix: Water**
Date Received: 09/10/14 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.12	ug/L		09/15/14 09:56	09/17/14 13:32	1

Client Sample ID: EB-631110-090914-DJT-002 — **Lab Sample ID: 240-41809-2**
Date Collected: 09/09/14 09:30 — **Matrix: Water**
Date Received: 09/10/14 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.12	ug/L		09/15/14 09:56	09/17/14 13:51	1

Client Sample ID: WG-631110-090914-SG-003 — **Lab Sample ID: 240-41809-3**
Date Collected: 09/09/14 11:10 — **Matrix: Water**
Date Received: 09/10/14 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.12	ug/L		09/15/14 09:56	09/17/14 13:53	1

Client Sample ID: WG-631110-090914-DJT-004 — **Lab Sample ID: 240-41809-4**
Date Collected: 09/09/14 09:55 — **Matrix: Water**
Date Received: 09/10/14 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.12	ug/L		09/15/14 09:56	09/17/14 13:55	1

Client Sample ID: WG-631110-090914-SG-005 — **Lab Sample ID: 240-41809-5**
Date Collected: 09/09/14 11:10 — **Matrix: Water**
Date Received: 09/10/14 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.12	ug/L		09/15/14 09:56	09/17/14 13:57	1

Client Sample ID: WG-631110-090914-DJT-006 — **Lab Sample ID: 240-41809-6**
Date Collected: 09/09/14 10:25 — **Matrix: Water**
Date Received: 09/10/14 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.12	ug/L		09/15/14 09:56	09/17/14 14:00	1

Client Sample ID: WG-631110-090914-SG-007 — **Lab Sample ID: 240-41809-7**
Date Collected: 09/09/14 12:50 — **Matrix: Water**
Date Received: 09/10/14 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.12	ug/L		09/15/14 09:56	09/17/14 14:02	1

Client Sample ID: WG-631110-090914-DJT-008 — **Lab Sample ID: 240-41809-8**
Date Collected: 09/09/14 11:20 — **Matrix: Water**
Date Received: 09/10/14 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.12	ug/L		09/15/14 09:56	09/17/14 13:59	1

Surrogate Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 631110, NL Industries

TestAmerica Job ID: 240-41809-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	DBFM	BFB	12DCE
Lab Sample ID	Client Sample ID	(74-120)	(75-121)	(66-120)	(63-129)
240-41809-1	WG-631110-090914-SG-001	97	101	89	109
240-41809-1 MS	WG-631110-090914-SG-001	98	101	95	105
240-41809-1 MSD	WG-631110-090914-SG-001	99	103	97	105
240-41809-2	EB-631110-090914-DJT-002	95	101	88	111
240-41809-3	WG-631110-090914-SG-003	98	100	89	111
240-41809-4	WG-631110-090914-DJT-004	97	100	90	110
240-41809-5	WG-631110-090914-SG-005	99	98	89	109
240-41809-6	WG-631110-090914-DJT-006	98	100	90	111
240-41809-7	WG-631110-090914-SG-007	97	97	88	110
240-41809-8	WG-631110-090914-DJT-008	98	99	88	108
240-41809-9	TB-631110-090914-DJT	98	99	88	111
LCS 240-147167/4	Lab Control Sample	99	101	97	107
MB 240-147167/6	Method Blank	98	98	90	110

Surrogate Legend

TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)
BFB = 4-Bromofluorobenzene (Surr)
12DCE = 1,2-Dichloroethane-d4 (Surr)

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TPH	PHL	NBZ	2FP	FBP	TBP
Lab Sample ID	Client Sample ID	(31-115)	(10-110)	(31-110)	(15-110)	(29-110)	(21-128)
240-41809-1	WG-631110-090914-SG-001	74	20	72	36	69	70
240-41809-1 - RE	WG-631110-090914-SG-001	84	20	56	35	66	89
240-41809-2	EB-631110-090914-DJT-002	79	20	67	36	69	69
240-41809-2 - RE	EB-631110-090914-DJT-002	87	25	63	41	71	80
240-41809-3	WG-631110-090914-SG-003	75	21	68	37	68	80
240-41809-3 - RE	WG-631110-090914-SG-003	79	20	60	34	69	82
240-41809-4	WG-631110-090914-DJT-004	82	20	66	34	66	81
240-41809-4 - RE	WG-631110-090914-DJT-004	80	16	45	25	51	72
240-41809-5	WG-631110-090914-SG-005	86	24	78	44	80	86
240-41809-5 - RE	WG-631110-090914-SG-005	76	20	58	33	67	84
240-41809-6	WG-631110-090914-DJT-006	79	24	75	40	76	87
240-41809-6 - RE	WG-631110-090914-DJT-006	78	18	47	29	56	68
240-41809-7	WG-631110-090914-SG-007	80	20	67	34	70	79
240-41809-7 - RE	WG-631110-090914-SG-007	81	20	56	31	66	78
240-41809-8	WG-631110-090914-DJT-008	71	22	66	37	67	79
240-41809-8 - RE	WG-631110-090914-DJT-008	75	18	37	32	50	79
LCS 240-146991/12-A	Lab Control Sample	84	12	76	3 X	74	3 X
LCS 240-147561/21-A	Lab Control Sample	89	26	73	41	78	94
MB 240-146991/11-A	Method Blank	89	35	79	53	75	78
MB 240-147561/20-A	Method Blank	82	37	54	50	61	78

Surrogate Legend

TPH = Terphenyl-d14 (Surr)
PHL = Phenol-d5 (Surr)

Surrogate Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 631110, NL Industries

TestAmerica Job ID: 240-41809-1

NBZ = Nitrobenzene-d5 (Surr)
2FP = 2-Fluorophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
TBP = 2,4,6-Tribromophenol (Surr)

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 631110, NL Industries

TestAmerica Job ID: 240-41809-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 240-147167/6
Matrix: Water
Analysis Batch: 147167

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/16/14 11:56	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	ug/L			09/16/14 11:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.37	ug/L			09/16/14 11:56	1
1,1,2-Trichloroethane	1.0	U	1.0	0.17	ug/L			09/16/14 11:56	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/16/14 11:56	1
1,1-Dichloroethene	1.0	U	1.0	0.45	ug/L			09/16/14 11:56	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.32	ug/L			09/16/14 11:56	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.82	ug/L			09/16/14 11:56	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/16/14 11:56	1
1,2-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/16/14 11:56	1
1,2-Dichloroethane	1.0	U	1.0	0.20	ug/L			09/16/14 11:56	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			09/16/14 11:56	1
1,3-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/16/14 11:56	1
1,4-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			09/16/14 11:56	1
2-Butanone (MEK)	10	U	10	4.1	ug/L			09/16/14 11:56	1
2-Hexanone	10	U	10	3.9	ug/L			09/16/14 11:56	1
4-Methyl-2-pentanone (MIBK)	10	U	10	3.6	ug/L			09/16/14 11:56	1
Acetone	10	U	10	3.4	ug/L			09/16/14 11:56	1
Benzene	1.0	U	1.0	0.24	ug/L			09/16/14 11:56	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/16/14 11:56	1
Bromoform	1.0	U	1.0	0.56	ug/L			09/16/14 11:56	1
Bromomethane	1.0	U	1.0	0.63	ug/L			09/16/14 11:56	1
Carbon disulfide	1.0	U	1.0	0.28	ug/L			09/16/14 11:56	1
Carbon tetrachloride	1.0	U	1.0	0.17	ug/L			09/16/14 11:56	1
Chlorobenzene	1.0	U	1.0	0.19	ug/L			09/16/14 11:56	1
Chloroethane	1.0	U	1.0	0.33	ug/L			09/16/14 11:56	1
Chloroform	1.0	U	1.0	0.21	ug/L			09/16/14 11:56	1
Chloromethane	1.0	U	1.0	0.44	ug/L			09/16/14 11:56	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			09/16/14 11:56	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			09/16/14 11:56	1
Cyclohexane	1.0	U	1.0	0.33	ug/L			09/16/14 11:56	1
Chlorodibromomethane	1.0	U	1.0	0.43	ug/L			09/16/14 11:56	1
Dichlorodifluoromethane	1.0	U	1.0	0.50	ug/L			09/16/14 11:56	1
Ethylbenzene	1.0	U	1.0	0.23	ug/L			09/16/14 11:56	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			09/16/14 11:56	1
Methyl acetate	10	U	10	2.3	ug/L			09/16/14 11:56	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			09/16/14 11:56	1
Methylcyclohexane	1.0	U	1.0	0.23	ug/L			09/16/14 11:56	1
Methylene Chloride	1.0	U	1.0	0.28	ug/L			09/16/14 11:56	1
Styrene	1.0	U	1.0	0.45	ug/L			09/16/14 11:56	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			09/16/14 11:56	1
Toluene	1.0	U	1.0	0.22	ug/L			09/16/14 11:56	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/16/14 11:56	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.56	ug/L			09/16/14 11:56	1
Trichloroethene	1.0	U	1.0	0.15	ug/L			09/16/14 11:56	1
Trichlorofluoromethane	1.0	U	1.0	0.49	ug/L			09/16/14 11:56	1
Vinyl chloride	1.0	U	1.0	0.29	ug/L			09/16/14 11:56	1
Xylenes, Total	2.0	U	2.0	0.43	ug/L			09/16/14 11:56	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-147167/6
Matrix: Water
Analysis Batch: 147167

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	98		74 - 120		09/16/14 11:56	1
Dibromofluoromethane (Surr)	98		75 - 121		09/16/14 11:56	1
4-Bromofluorobenzene (Surr)	90		66 - 120		09/16/14 11:56	1
1,2-Dichloroethane-d4 (Surr)	110		63 - 129		09/16/14 11:56	1

Lab Sample ID: LCS 240-147167/4
Matrix: Water
Analysis Batch: 147167

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	10.0	11.0		ug/L		110	74 - 120
1,1,2,2-Tetrachloroethane	10.0	10.2		ug/L		102	68 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	10.9		ug/L		109	74 - 151
1,1,2-Trichloroethane	10.0	9.98		ug/L		100	80 - 120
1,1-Dichloroethane	10.0	10.3		ug/L		103	80 - 120
1,1-Dichloroethene	10.0	10.1		ug/L		101	78 - 131
1,2,4-Trichlorobenzene	10.0	7.97		ug/L		80	48 - 135
1,2-Dibromo-3-Chloropropane	10.0	8.21		ug/L		82	42 - 136
Ethylene Dibromide	10.0	10.6		ug/L		106	79 - 120
1,2-Dichlorobenzene	10.0	9.36		ug/L		94	80 - 120
1,2-Dichloroethane	10.0	10.7		ug/L		107	71 - 127
1,2-Dichloropropane	10.0	10.3		ug/L		103	80 - 120
1,3-Dichlorobenzene	10.0	9.52		ug/L		95	80 - 120
1,4-Dichlorobenzene	10.0	9.47		ug/L		95	80 - 120
2-Butanone (MEK)	20.0	20.7		ug/L		104	60 - 126
2-Hexanone	20.0	21.8		ug/L		109	55 - 133
4-Methyl-2-pentanone (MIBK)	20.0	22.1		ug/L		110	63 - 128
Acetone	20.0	17.1		ug/L		86	43 - 136
Benzene	10.0	10.3		ug/L		103	80 - 120
Dichlorobromomethane	10.0	11.3		ug/L		113	72 - 121
Bromoform	10.0	7.76		ug/L		78	40 - 131
Bromomethane	10.0	10.0		ug/L		100	11 - 185
Carbon disulfide	10.0	10.5		ug/L		105	62 - 142
Carbon tetrachloride	10.0	13.0	*	ug/L		130	66 - 128
Chlorobenzene	10.0	9.93		ug/L		99	80 - 120
Chloroethane	10.0	9.55		ug/L		95	25 - 153
Chloroform	10.0	10.5		ug/L		105	79 - 120
Chloromethane	10.0	8.51		ug/L		85	44 - 126
cis-1,2-Dichloroethene	10.0	10.0		ug/L		100	80 - 120
cis-1,3-Dichloropropene	10.0	10.1		ug/L		101	61 - 120
Cyclohexane	10.0	10.7		ug/L		107	54 - 121
Chlorodibromomethane	10.0	9.48		ug/L		95	64 - 120
Dichlorodifluoromethane	10.0	8.59		ug/L		86	19 - 129
Ethylbenzene	10.0	9.87		ug/L		99	80 - 120
Isopropylbenzene	10.0	9.61		ug/L		96	75 - 120
Methyl acetate	50.0	51.6		ug/L		103	58 - 131
Methyl tert-butyl ether	10.0	10.1		ug/L		101	52 - 144

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 240-147167/4
Matrix: Water
Analysis Batch: 147167

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylcyclohexane	10.0	10.5		ug/L		105	56 - 127
Methylene Chloride	10.0	10.0		ug/L		100	66 - 131
Styrene	10.0	10.3		ug/L		103	79 - 120
Tetrachloroethene	10.0	10.2		ug/L		102	79 - 120
Toluene	10.0	9.94		ug/L		99	80 - 120
trans-1,2-Dichloroethene	10.0	10.5		ug/L		105	80 - 120
trans-1,3-Dichloropropene	10.0	10.2		ug/L		102	58 - 120
Trichloroethene	10.0	10.4		ug/L		104	76 - 120
Trichlorofluoromethane	10.0	10.7		ug/L		107	49 - 157
Vinyl chloride	10.0	8.72		ug/L		87	53 - 127
Xylenes, Total	20.0	19.8		ug/L		99	80 - 120
m-Xylene & p-Xylene	10.0	10.0		ug/L		100	80 - 120
o-Xylene	10.0	9.81		ug/L		98	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*99*		*74 - 120*
Dibromofluoromethane (Surr)	*101*		*75 - 121*
4-Bromofluorobenzene (Surr)	*97*		*66 - 120*
1,2-Dichloroethane-d4 (Surr)	*107*		*63 - 129*

Lab Sample ID: 240-41809-1 MS
Matrix: Water
Analysis Batch: 147167

Client Sample ID: WG-631110-090914-SG-001
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	1.0	U	10.0	10.9		ug/L		109	68 - 121
1,1,2,2-Tetrachloroethane	1.0	U	10.0	9.93		ug/L		99	63 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	10.0	10.0		ug/L		100	70 - 152
1,1,2-Trichloroethane	1.0	U	10.0	10.3		ug/L		103	75 - 120
1,1-Dichloroethane	1.0	U	10.0	10.9		ug/L		109	79 - 120
1,1-Dichloroethene	1.0	U	10.0	10.2		ug/L		102	74 - 135
1,2,4-Trichlorobenzene	1.0	U	10.0	9.37		ug/L		94	38 - 138
1,2-Dibromo-3-Chloropropane	2.0	U	10.0	8.82		ug/L		88	32 - 139
Ethylene Dibromide	1.0	U	10.0	10.4		ug/L		104	74 - 120
1,2-Dichlorobenzene	1.0	U	10.0	9.84		ug/L		98	75 - 120
1,2-Dichloroethane	1.0	U	10.0	11.2		ug/L		112	68 - 129
1,2-Dichloropropane	1.0	U	10.0	10.8		ug/L		108	78 - 120
1,3-Dichlorobenzene	1.0	U	10.0	10.1		ug/L		101	73 - 120
1,4-Dichlorobenzene	1.0	U	10.0	9.82		ug/L		98	75 - 120
2-Butanone (MEK)	10	U	20.0	20.5		ug/L		103	54 - 129
2-Hexanone	10	U	20.0	20.5		ug/L		103	47 - 139
4-Methyl-2-pentanone (MIBK)	10	U	20.0	22.1		ug/L		110	56 - 131
Acetone	10	U	20.0	16.7		ug/L		84	33 - 145
Benzene	1.0	U	10.0	10.7		ug/L		107	72 - 121
Dichlorobromomethane	1.0	U	10.0	11.4		ug/L		114	67 - 120
Bromoform	1.0	U	10.0	7.89		ug/L		79	32 - 128
Bromomethane	1.0	U	10.0	9.26		ug/L		93	10 - 186

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 240-41809-1 MS
Matrix: Water
Analysis Batch: 147167

Client Sample ID: WG-631110-090914-SG-001
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbon disulfide	1.0	U	10.0	10.9		ug/L		109	57 - 147
Carbon tetrachloride	1.0	U *	10.0	11.8		ug/L		118	59 - 129
Chlorobenzene	1.0	U	10.0	10.2		ug/L		102	80 - 120
Chloroethane	1.0	U	10.0	9.31		ug/L		93	21 - 165
Chloroform	1.0	U	10.0	11.1		ug/L		111	76 - 120
Chloromethane	1.0	U	10.0	8.91		ug/L		89	33 - 132
cis-1,2-Dichloroethene	1.0	U	10.0	10.7		ug/L		107	70 - 120
cis-1,3-Dichloropropene	1.0	U	10.0	10.1		ug/L		101	51 - 120
Cyclohexane	1.0	U	10.0	9.76		ug/L		98	49 - 123
Chlorodibromomethane	1.0	U	10.0	9.45		ug/L		94	56 - 120
Dichlorodifluoromethane	1.0	U	10.0	8.35		ug/L		83	17 - 128
Ethylbenzene	1.0	U	10.0	10.2		ug/L		102	75 - 120
Isopropylbenzene	1.0	U	10.0	10.1		ug/L		101	68 - 120
Methyl acetate	10	U	50.0	52.6		ug/L		105	47 - 130
Methyl tert-butyl ether	1.0	U	10.0	10.4		ug/L		104	46 - 144
Methylcyclohexane	1.0	U	10.0	9.78		ug/L		98	49 - 127
Methylene Chloride	1.0	U	10.0	10.4		ug/L		104	63 - 128
Styrene	1.0	U	10.0	10.7		ug/L		107	71 - 120
Tetrachloroethene	1.0	U	10.0	10.2		ug/L		102	70 - 120
Toluene	1.0	U	10.0	10.3		ug/L		103	78 - 120
trans-1,2-Dichloroethene	1.0	U	10.0	10.8		ug/L		108	80 - 120
trans-1,3-Dichloropropene	1.0	U	10.0	9.95		ug/L		99	46 - 120
Trichloroethene	1.0	U	10.0	11.0		ug/L		110	66 - 120
Trichlorofluoromethane	1.0	U	10.0	9.01		ug/L		90	46 - 157
Vinyl chloride	1.0	U	10.0	9.07		ug/L		91	49 - 130
Xylenes, Total	2.0	U	20.0	20.6		ug/L		103	76 - 120
m-Xylene & p-Xylene	2.0		10.0	10.3		ug/L		103	75 - 120
o-Xylene	1.0		10.0	10.3		ug/L		103	76 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Toluene-d8 (Surr)	*98*		*74 - 120*
Dibromofluoromethane (Surr)	*101*		*75 - 121*
4-Bromofluorobenzene (Surr)	*95*		*66 - 120*
1,2-Dichloroethane-d4 (Surr)	*105*		*63 - 129*

Lab Sample ID: 240-41809-1 MSD
Matrix: Water
Analysis Batch: 147167

Client Sample ID: WG-631110-090914-SG-001
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	1.0	U	10.0	10.9		ug/L		109	68 - 121	0	30
1,1,2,2-Tetrachloroethane	1.0	U	10.0	10.2		ug/L		102	63 - 122	3	30
1,1,2-Trichloro-1,2,2-trifluoroetha ne	1.0	U	10.0	10.1		ug/L		101	70 - 152	1	30
1,1,2-Trichloroethane	1.0	U	10.0	10.2		ug/L		102	75 - 120	1	30
1,1-Dichloroethane	1.0	U	10.0	10.8		ug/L		108	79 - 120	1	30
1,1-Dichloroethene	1.0	U	10.0	10.0		ug/L		100	74 - 135	2	30
1,2,4-Trichlorobenzene	1.0	U	10.0	8.36		ug/L		84	38 - 138	11	30

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 240-41809-1 MSD
Matrix: Water
Analysis Batch: 147167

Client Sample ID: WG-631110-090914-SG-001
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dibromo-3-Chloropropane	2.0	U	10.0	8.15		ug/L		82	32 - 139	8	30
Ethylene Dibromide	1.0	U	10.0	10.7		ug/L		107	74 - 120	3	30
1,2-Dichlorobenzene	1.0	U	10.0	9.50		ug/L		95	75 - 120	4	30
1,2-Dichloroethane	1.0	U	10.0	11.1		ug/L		111	68 - 129	1	30
1,2-Dichloropropane	1.0	U	10.0	10.8		ug/L		108	78 - 120	0	30
1,3-Dichlorobenzene	1.0	U	10.0	9.97		ug/L		100	73 - 120	1	30
1,4-Dichlorobenzene	1.0	U	10.0	9.81		ug/L		98	75 - 120	0	30
2-Butanone (MEK)	10	U	20.0	18.9		ug/L		94	54 - 129	8	30
2-Hexanone	10	U	20.0	20.7		ug/L		104	47 - 139	1	30
4-Methyl-2-pentanone (MIBK)	10	U	20.0	22.2		ug/L		111	56 - 131	1	30
Acetone	10	U	20.0	17.5		ug/L		88	33 - 145	5	30
Benzene	1.0	U	10.0	10.5		ug/L		105	72 - 121	2	30
Dichlorobromomethane	1.0	U	10.0	11.3		ug/L		113	67 - 120	1	30
Bromoform	1.0	U	10.0	7.89		ug/L		79	32 - 128	0	30
Bromomethane	1.0	U	10.0	9.29		ug/L		93	10 - 186	0	30
Carbon disulfide	1.0	U	10.0	10.6		ug/L		106	57 - 147	3	30
Carbon tetrachloride	1.0	U *	10.0	12.0		ug/L		120	59 - 129	2	30
Chlorobenzene	1.0	U	10.0	10.4		ug/L		104	80 - 120	2	30
Chloroethane	1.0	U	10.0	9.03		ug/L		90	21 - 165	3	30
Chloroform	1.0	U	10.0	10.7		ug/L		107	76 - 120	3	30
Chloromethane	1.0	U	10.0	8.74		ug/L		87	33 - 132	2	30
cis-1,2-Dichloroethene	1.0	U	10.0	10.4		ug/L		104	70 - 120	3	30
cis-1,3-Dichloropropene	1.0	U	10.0	10.0		ug/L		100	51 - 120	1	30
Cyclohexane	1.0	U	10.0	9.88		ug/L		99	49 - 123	1	30
Chlorodibromomethane	1.0	U	10.0	9.65		ug/L		97	56 - 120	2	30
Dichlorodifluoromethane	1.0	U	10.0	8.61		ug/L		86	17 - 128	3	30
Ethylbenzene	1.0	U	10.0	10.4		ug/L		104	75 - 120	2	30
Isopropylbenzene	1.0	U	10.0	10.1		ug/L		101	68 - 120	0	30
Methyl acetate	10	U	50.0	51.7		ug/L		103	47 - 130	2	30
Methyl tert-butyl ether	1.0	U	10.0	10.2		ug/L		102	46 - 144	2	30
Methylcyclohexane	1.0	U	10.0	9.59		ug/L		96	49 - 127	2	30
Methylene Chloride	1.0	U	10.0	10.3		ug/L		103	63 - 128	1	30
Styrene	1.0	U	10.0	10.9		ug/L		109	71 - 120	1	30
Tetrachloroethene	1.0	U	10.0	10.3		ug/L		103	70 - 120	1	30
Toluene	1.0	U	10.0	10.3		ug/L		103	78 - 120	0	30
trans-1,2-Dichloroethene	1.0	U	10.0	10.7		ug/L		107	80 - 120	1	30
trans-1,3-Dichloropropene	1.0	U	10.0	10.4		ug/L		104	46 - 120	4	30
Trichloroethene	1.0	U	10.0	10.8		ug/L		108	66 - 120	1	30
Trichlorofluoromethane	1.0	U	10.0	9.58		ug/L		96	46 - 157	6	30
Vinyl chloride	1.0	U	10.0	8.98		ug/L		90	49 - 130	1	30
Xylenes, Total	2.0	U	20.0	20.6		ug/L		103	76 - 120	0	30
m-Xylene & p-Xylene	2.0		10.0	10.3		ug/L		103	75 - 120	1	30
o-Xylene	1.0		10.0	10.3		ug/L		103	76 - 120	1	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*99*		*74 - 120*
Dibromofluoromethane (Surr)	*103*		*75 - 121*
4-Bromofluorobenzene (Surr)	*97*		*66 - 120*

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 240-41809-1 MSD
Matrix: Water
Analysis Batch: 147167

Client Sample ID: WG-631110-090914-SG-001
Prep Type: Total/NA

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*105*		*63 - 129*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-146991/11-A
Matrix: Water
Analysis Batch: 147328

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 146991

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	1.0	U	1.0	0.13	ug/L		09/15/14 08:01	09/17/14 10:14	1
bis (2-chloroisopropyl) ether	1.0	U	1.0	0.40	ug/L		09/15/14 08:01	09/17/14 10:14	1
2,4,5-Trichlorophenol	5.0	U	5.0	0.30	ug/L		09/15/14 08:01	09/17/14 10:14	1
2,4,6-Trichlorophenol	5.0	U	5.0	0.24	ug/L		09/15/14 08:01	09/17/14 10:14	1
2,4-Dichlorophenol	2.0	U	2.0	0.19	ug/L		09/15/14 08:01	09/17/14 10:14	1
2,4-Dimethylphenol	2.0	U	2.0	0.25	ug/L		09/15/14 08:01	09/17/14 10:14	1
2,4-Dinitrophenol	5.0	U	5.0	0.32	ug/L		09/15/14 08:01	09/17/14 10:14	1
2,4-Dinitrotoluene	5.0	U	5.0	0.25	ug/L		09/15/14 08:01	09/17/14 10:14	1
2,6-Dinitrotoluene	5.0	U	5.0	0.80	ug/L		09/15/14 08:01	09/17/14 10:14	1
2-Chloronaphthalene	1.0	U	1.0	0.10	ug/L		09/15/14 08:01	09/17/14 10:14	1
2-Chlorophenol	1.0	U	1.0	0.29	ug/L		09/15/14 08:01	09/17/14 10:14	1
2-Methylnaphthalene	0.20	U	0.20	0.090	ug/L		09/15/14 08:01	09/17/14 10:14	1
2-Methylphenol	1.0	U	1.0	0.17	ug/L		09/15/14 08:01	09/17/14 10:14	1
2-Nitroaniline	2.0	U	2.0	0.21	ug/L		09/15/14 08:01	09/17/14 10:14	1
2-Nitrophenol	2.0	U	2.0	0.28	ug/L		09/15/14 08:01	09/17/14 10:14	1
3,3'-Dichlorobenzidine	5.0	U	5.0	0.37	ug/L		09/15/14 08:01	09/17/14 10:14	1
3-Nitroaniline	2.0	U	2.0	0.28	ug/L		09/15/14 08:01	09/17/14 10:14	1
4,6-Dinitro-2-methylphenol	5.0	U	5.0	2.4	ug/L		09/15/14 08:01	09/17/14 10:14	1
4-Bromophenyl phenyl ether	2.0	U	2.0	0.22	ug/L		09/15/14 08:01	09/17/14 10:14	1
4-Chloro-3-methylphenol	2.0	U	2.0	0.21	ug/L		09/15/14 08:01	09/17/14 10:14	1
4-Chloroaniline	2.0	U	2.0	0.21	ug/L		09/15/14 08:01	09/17/14 10:14	1
4-Chlorophenyl phenyl ether	2.0	U	2.0	0.30	ug/L		09/15/14 08:01	09/17/14 10:14	1
4-Nitroaniline	2.0	U	2.0	0.22	ug/L		09/15/14 08:01	09/17/14 10:14	1
4-Nitrophenol	5.0	U	5.0	0.29	ug/L		09/15/14 08:01	09/17/14 10:14	1
Acenaphthene	0.20	U	0.20	0.044	ug/L		09/15/14 08:01	09/17/14 10:14	1
Acenaphthylene	0.20	U	0.20	0.048	ug/L		09/15/14 08:01	09/17/14 10:14	1
Acetophenone	1.0	U	1.0	0.34	ug/L		09/15/14 08:01	09/17/14 10:14	1
Anthracene	0.20	U	0.20	0.088	ug/L		09/15/14 08:01	09/17/14 10:14	1
Atrazine	1.0	U	1.0	0.34	ug/L		09/15/14 08:01	09/17/14 10:14	1
Benzaldehyde	1.0	U	1.0	0.39	ug/L		09/15/14 08:01	09/17/14 10:14	1
Benzo[a]anthracene	0.20	U	0.20	0.030	ug/L		09/15/14 08:01	09/17/14 10:14	1
Benzo[a]pyrene	0.20	U	0.20	0.051	ug/L		09/15/14 08:01	09/17/14 10:14	1
Benzo[b]fluoranthene	0.20	U	0.20	0.039	ug/L		09/15/14 08:01	09/17/14 10:14	1
Benzo[g,h,i]perylene	0.20	U	0.20	0.046	ug/L		09/15/14 08:01	09/17/14 10:14	1
Benzo[k]fluoranthene	0.20	U	0.20	0.045	ug/L		09/15/14 08:01	09/17/14 10:14	1
Bis(2-chloroethoxy)methane	1.0	U	1.0	0.32	ug/L		09/15/14 08:01	09/17/14 10:14	1
Bis(2-chloroethyl)ether	1.0	U	1.0	0.10	ug/L		09/15/14 08:01	09/17/14 10:14	1
Bis(2-ethylhexyl) phthalate	5.0	U	5.0	1.7	ug/L		09/15/14 08:01	09/17/14 10:14	1
Butyl benzyl phthalate	2.0	U	2.0	0.26	ug/L		09/15/14 08:01	09/17/14 10:14	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-146991/11-A
Matrix: Water
Analysis Batch: 147328

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 146991

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	0.376	J	5.0	0.20	ug/L		09/15/14 08:01	09/17/14 10:14	1
Carbazole	1.0	U	1.0	0.28	ug/L		09/15/14 08:01	09/17/14 10:14	1
Chrysene	0.20	U	0.20	0.050	ug/L		09/15/14 08:01	09/17/14 10:14	1
Dibenz(a,h)anthracene	0.20	U	0.20	0.045	ug/L		09/15/14 08:01	09/17/14 10:14	1
Dibenzofuran	1.0	U	1.0	0.020	ug/L		09/15/14 08:01	09/17/14 10:14	1
Diethyl phthalate	2.0	U	2.0	0.60	ug/L		09/15/14 08:01	09/17/14 10:14	1
Dimethyl phthalate	2.0	U	2.0	0.29	ug/L		09/15/14 08:01	09/17/14 10:14	1
Di-n-butyl phthalate	5.0	U	5.0	1.7	ug/L		09/15/14 08:01	09/17/14 10:14	1
Di-n-octyl phthalate	2.0	U	2.0	0.23	ug/L		09/15/14 08:01	09/17/14 10:14	1
Fluoranthene	0.20	U	0.20	0.045	ug/L		09/15/14 08:01	09/17/14 10:14	1
Fluorene	0.20	U	0.20	0.041	ug/L		09/15/14 08:01	09/17/14 10:14	1
Hexachlorobenzene	0.20	U	0.20	0.085	ug/L		09/15/14 08:01	09/17/14 10:14	1
Hexachlorobutadiene	1.0	U	1.0	0.27	ug/L		09/15/14 08:01	09/17/14 10:14	1
Hexachlorocyclopentadiene	10	U	10	0.24	ug/L		09/15/14 08:01	09/17/14 10:14	1
Hexachloroethane	1.0	U	1.0	0.19	ug/L		09/15/14 08:01	09/17/14 10:14	1
Indeno[1,2,3-cd]pyrene	0.20	U	0.20	0.043	ug/L		09/15/14 08:01	09/17/14 10:14	1
Isophorone	1.0	U	1.0	0.27	ug/L		09/15/14 08:01	09/17/14 10:14	1
N-Nitrosodi-n-propylamine	1.0	U	1.0	0.24	ug/L		09/15/14 08:01	09/17/14 10:14	1
N-Nitrosodiphenylamine	1.0	U	1.0	0.31	ug/L		09/15/14 08:01	09/17/14 10:14	1
Naphthalene	0.20	U	0.20	0.063	ug/L		09/15/14 08:01	09/17/14 10:14	1
Nitrobenzene	1.0	U	1.0	0.040	ug/L		09/15/14 08:01	09/17/14 10:14	1
Pentachlorophenol	5.0	U	5.0	0.27	ug/L		09/15/14 08:01	09/17/14 10:14	1
Phenanthrene	0.20	U	0.20	0.062	ug/L		09/15/14 08:01	09/17/14 10:14	1
Phenol	1.0	U	1.0	0.60	ug/L		09/15/14 08:01	09/17/14 10:14	1
Pyrene	0.20	U	0.20	0.042	ug/L		09/15/14 08:01	09/17/14 10:14	1
3 & 4 Methylphenol	2.0	U	2.0	0.80	ug/L		09/15/14 08:01	09/17/14 10:14	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*89*		*31 - 115*	*09/15/14 08:01*	*09/17/14 10:14*	*1*
Phenol-d5 (Surr)	*35*		*10 - 110*	*09/15/14 08:01*	*09/17/14 10:14*	*1*
Nitrobenzene-d5 (Surr)	*79*		*31 - 110*	*09/15/14 08:01*	*09/17/14 10:14*	*1*
2-Fluorophenol (Surr)	*53*		*15 - 110*	*09/15/14 08:01*	*09/17/14 10:14*	*1*
2-Fluorobiphenyl (Surr)	*75*		*29 - 110*	*09/15/14 08:01*	*09/17/14 10:14*	*1*
2,4,6-Tribromophenol (Surr)	*78*		*21 - 128*	*09/15/14 08:01*	*09/17/14 10:14*	*1*

Lab Sample ID: LCS 240-146991/12-A
Matrix: Water
Analysis Batch: 147328

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 146991

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1'-Biphenyl	20.0	13.5		ug/L		67	52 - 120
bis (2-chloroisopropyl) ether	20.0	14.9		ug/L		75	42 - 120
2,4,5-Trichlorophenol	20.0	0.360	J *	ug/L		2	47 - 120
2,4,6-Trichlorophenol	20.0	5.0	U *	ug/L		0	43 - 120
2,4-Dichlorophenol	20.0	0.875	J *	ug/L		4	46 - 120
2,4-Dimethylphenol	20.0	11.2		ug/L		56	38 - 120
2,4-Dinitrophenol	40.0	5.0	U *	ug/L		0	10 - 120
2,4-Dinitrotoluene	20.0	15.9		ug/L		79	52 - 120

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-146991/12-A
Matrix: Water
Analysis Batch: 147328

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 146991

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,6-Dinitrotoluene	20.0	15.8		ug/L		79	52 - 120
2-Chloronaphthalene	20.0	13.4		ug/L		67	47 - 120
2-Chlorophenol	20.0	1.15	*	ug/L		6	43 - 120
2-Methylnaphthalene	20.0	12.8		ug/L		64	52 - 120
2-Methylphenol	20.0	8.60		ug/L		43	38 - 120
2-Nitroaniline	20.0	14.6		ug/L		73	48 - 127
2-Nitrophenol	20.0	0.817	J *	ug/L		4	42 - 120
3,3'-Dichlorobenzidine	40.0	30.2		ug/L		76	29 - 120
3-Nitroaniline	20.0	15.1		ug/L		75	52 - 120
4,6-Dinitro-2-methylphenol	40.0	5.0	U *	ug/L		0	33 - 120
4-Bromophenyl phenyl ether	20.0	15.6		ug/L		78	47 - 120
4-Chloro-3-methylphenol	20.0	6.64	*	ug/L		33	45 - 120
4-Chloroaniline	20.0	13.7		ug/L		69	15 - 120
4-Chlorophenyl phenyl ether	20.0	15.3		ug/L		76	47 - 120
4-Nitroaniline	20.0	14.7		ug/L		73	48 - 120
4-Nitrophenol	40.0	5.0	U *	ug/L		0	16 - 120
Acenaphthene	20.0	13.7		ug/L		69	55 - 120
Acenaphthylene	20.0	13.4		ug/L		67	55 - 120
Acetophenone	20.0	15.0		ug/L		75	50 - 120
Anthracene	20.0	14.9		ug/L		75	56 - 120
Atrazine	40.0	34.4		ug/L		86	65 - 161
Benzaldehyde	40.0	33.4		ug/L		84	40 - 122
Benzo[a]anthracene	20.0	15.0		ug/L		75	46 - 120
Benzo[a]pyrene	20.0	14.1		ug/L		71	24 - 120
Benzo[b]fluoranthene	20.0	14.4		ug/L		72	24 - 120
Benzo[g,h,i]perylene	20.0	15.3		ug/L		77	24 - 126
Benzo[k]fluoranthene	20.0	15.1		ug/L		76	30 - 120
Bis(2-chloroethoxy)methane	20.0	14.9		ug/L		75	48 - 120
Bis(2-chloroethyl)ether	20.0	14.5		ug/L		73	43 - 120
Bis(2-ethylhexyl) phthalate	20.0	16.3		ug/L		82	21 - 125
Butyl benzyl phthalate	20.0	15.5		ug/L		77	51 - 120
Caprolactam	40.0	4.75	J	ug/L		12	10 - 120
Carbazole	20.0	16.0		ug/L		80	57 - 120
Chrysene	20.0	14.5		ug/L		73	49 - 120
Dibenz(a,h)anthracene	20.0	15.2		ug/L		76	24 - 125
Dibenzofuran	20.0	14.1		ug/L		70	56 - 120
Diethyl phthalate	20.0	15.8		ug/L		79	58 - 120
Dimethyl phthalate	20.0	15.9		ug/L		80	59 - 120
Di-n-butyl phthalate	20.0	16.7		ug/L		84	57 - 122
Di-n-octyl phthalate	20.0	14.8		ug/L		74	21 - 122
Fluoranthene	20.0	15.8		ug/L		79	57 - 120
Fluorene	20.0	15.3		ug/L		76	56 - 120
Hexachlorobenzene	20.0	14.9		ug/L		74	52 - 120
Hexachlorobutadiene	20.0	10.6		ug/L		53	38 - 120
Hexachlorocyclopentadiene	20.0	4.26	J	ug/L		21	4 - 120
Hexachloroethane	20.0	10.9		ug/L		55	42 - 120
Indeno[1,2,3-cd]pyrene	20.0	15.7		ug/L		79	25 - 120
Isophorone	20.0	14.3		ug/L		72	48 - 123

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-146991/12-A
Matrix: Water
Analysis Batch: 147328

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 146991

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
N-Nitrosodi-n-propylamine	20.0	15.6		ug/L		78	48 - 123
N-Nitrosodiphenylamine	40.0	30.1		ug/L		75	51 - 120
Naphthalene	20.0	12.7		ug/L		64	52 - 120
Nitrobenzene	20.0	15.2		ug/L		76	41 - 120
Pentachlorophenol	40.0	5.0	U *	ug/L		0	14 - 120
Phenanthrene	20.0	15.1		ug/L		76	57 - 120
Phenol	20.0	2.09	*	ug/L		10	16 - 120
Pyrene	20.0	15.7		ug/L		78	50 - 120
3 & 4 Methylphenol	20.0	6.25	*	ug/L		31	34 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Terphenyl-d14 (Surr)	*84*		*31 - 115*
Phenol-d5 (Surr)	*12*		*10 - 110*
Nitrobenzene-d5 (Surr)	*76*		*31 - 110*
2-Fluorophenol (Surr)	*3*	*X*	*15 - 110*
2-Fluorobiphenyl (Surr)	*74*		*29 - 110*
2,4,6-Tribromophenol (Surr)	*3*	*X*	*21 - 128*

Lab Sample ID: MB 240-147561/20-A
Matrix: Water
Analysis Batch: 147721

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 147561

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	1.0	U	1.0	0.13	ug/L		09/18/14 09:26	09/19/14 10:31	1
bis (2-chloroisopropyl) ether	1.0	U	1.0	0.40	ug/L		09/18/14 09:26	09/19/14 10:31	1
2,4,5-Trichlorophenol	5.0	U	5.0	0.30	ug/L		09/18/14 09:26	09/19/14 10:31	1
2,4,6-Trichlorophenol	5.0	U	5.0	0.24	ug/L		09/18/14 09:26	09/19/14 10:31	1
2,4-Dichlorophenol	2.0	U	2.0	0.19	ug/L		09/18/14 09:26	09/19/14 10:31	1
2,4-Dimethylphenol	2.0	U	2.0	0.25	ug/L		09/18/14 09:26	09/19/14 10:31	1
2,4-Dinitrophenol	5.0	U	5.0	0.32	ug/L		09/18/14 09:26	09/19/14 10:31	1
2,4-Dinitrotoluene	5.0	U	5.0	0.25	ug/L		09/18/14 09:26	09/19/14 10:31	1
2,6-Dinitrotoluene	5.0	U	5.0	0.80	ug/L		09/18/14 09:26	09/19/14 10:31	1
2-Chloronaphthalene	1.0	U	1.0	0.10	ug/L		09/18/14 09:26	09/19/14 10:31	1
2-Chlorophenol	1.0	U	1.0	0.29	ug/L		09/18/14 09:26	09/19/14 10:31	1
2-Methylnaphthalene	0.20	U	0.20	0.090	ug/L		09/18/14 09:26	09/19/14 10:31	1
2-Methylphenol	1.0	U	1.0	0.17	ug/L		09/18/14 09:26	09/19/14 10:31	1
2-Nitroaniline	2.0	U	2.0	0.21	ug/L		09/18/14 09:26	09/19/14 10:31	1
2-Nitrophenol	2.0	U	2.0	0.28	ug/L		09/18/14 09:26	09/19/14 10:31	1
3,3'-Dichlorobenzidine	5.0	U	5.0	0.37	ug/L		09/18/14 09:26	09/19/14 10:31	1
3-Nitroaniline	2.0	U	2.0	0.28	ug/L		09/18/14 09:26	09/19/14 10:31	1
4,6-Dinitro-2-methylphenol	5.0	U	5.0	2.4	ug/L		09/18/14 09:26	09/19/14 10:31	1
4-Bromophenyl phenyl ether	2.0	U	2.0	0.22	ug/L		09/18/14 09:26	09/19/14 10:31	1
4-Chloro-3-methylphenol	2.0	U	2.0	0.21	ug/L		09/18/14 09:26	09/19/14 10:31	1
4-Chloroaniline	2.0	U	2.0	0.21	ug/L		09/18/14 09:26	09/19/14 10:31	1
4-Chlorophenyl phenyl ether	2.0	U	2.0	0.30	ug/L		09/18/14 09:26	09/19/14 10:31	1
4-Nitroaniline	2.0	U	2.0	0.22	ug/L		09/18/14 09:26	09/19/14 10:31	1
4-Nitrophenol	5.0	U	5.0	0.29	ug/L		09/18/14 09:26	09/19/14 10:31	1
Acenaphthene	0.20	U	0.20	0.044	ug/L		09/18/14 09:26	09/19/14 10:31	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-147561/20-A
Matrix: Water
Analysis Batch: 147721

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 147561

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	0.20	U	0.20	0.048	ug/L		09/18/14 09:26	09/19/14 10:31	1
Acetophenone	1.0	U	1.0	0.34	ug/L		09/18/14 09:26	09/19/14 10:31	1
Anthracene	0.20	U	0.20	0.088	ug/L		09/18/14 09:26	09/19/14 10:31	1
Atrazine	1.0	U	1.0	0.34	ug/L		09/18/14 09:26	09/19/14 10:31	1
Benzaldehyde	1.0	U	1.0	0.39	ug/L		09/18/14 09:26	09/19/14 10:31	1
Benzo[a]anthracene	0.20	U	0.20	0.030	ug/L		09/18/14 09:26	09/19/14 10:31	1
Benzo[a]pyrene	0.20	U	0.20	0.051	ug/L		09/18/14 09:26	09/19/14 10:31	1
Benzo[b]fluoranthene	0.20	U	0.20	0.039	ug/L		09/18/14 09:26	09/19/14 10:31	1
Benzo[g,h,i]perylene	0.20	U	0.20	0.046	ug/L		09/18/14 09:26	09/19/14 10:31	1
Benzo[k]fluoranthene	0.20	U	0.20	0.045	ug/L		09/18/14 09:26	09/19/14 10:31	1
Bis(2-chloroethoxy)methane	1.0	U	1.0	0.32	ug/L		09/18/14 09:26	09/19/14 10:31	1
Bis(2-chloroethyl)ether	1.0	U	1.0	0.10	ug/L		09/18/14 09:26	09/19/14 10:31	1
Bis(2-ethylhexyl) phthalate	5.0	U	5.0	1.7	ug/L		09/18/14 09:26	09/19/14 10:31	1
Butyl benzyl phthalate	2.0	U	2.0	0.26	ug/L		09/18/14 09:26	09/19/14 10:31	1
Caprolactam	5.0	U	5.0	0.20	ug/L		09/18/14 09:26	09/19/14 10:31	1
Carbazole	1.0	U	1.0	0.28	ug/L		09/18/14 09:26	09/19/14 10:31	1
Chrysene	0.20	U	0.20	0.050	ug/L		09/18/14 09:26	09/19/14 10:31	1
Dibenz(a,h)anthracene	0.20	U	0.20	0.045	ug/L		09/18/14 09:26	09/19/14 10:31	1
Dibenzofuran	1.0	U	1.0	0.020	ug/L		09/18/14 09:26	09/19/14 10:31	1
Diethyl phthalate	2.0	U	2.0	0.60	ug/L		09/18/14 09:26	09/19/14 10:31	1
Dimethyl phthalate	2.0	U	2.0	0.29	ug/L		09/18/14 09:26	09/19/14 10:31	1
Di-n-butyl phthalate	5.0	U	5.0	1.7	ug/L		09/18/14 09:26	09/19/14 10:31	1
Di-n-octyl phthalate	2.0	U	2.0	0.23	ug/L		09/18/14 09:26	09/19/14 10:31	1
Fluoranthene	0.20	U	0.20	0.045	ug/L		09/18/14 09:26	09/19/14 10:31	1
Fluorene	0.20	U	0.20	0.041	ug/L		09/18/14 09:26	09/19/14 10:31	1
Hexachlorobenzene	0.20	U	0.20	0.085	ug/L		09/18/14 09:26	09/19/14 10:31	1
Hexachlorobutadiene	1.0	U	1.0	0.27	ug/L		09/18/14 09:26	09/19/14 10:31	1
Hexachlorocyclopentadiene	10	U	10	0.24	ug/L		09/18/14 09:26	09/19/14 10:31	1
Hexachloroethane	1.0	U	1.0	0.19	ug/L		09/18/14 09:26	09/19/14 10:31	1
Indeno[1,2,3-cd]pyrene	0.20	U	0.20	0.043	ug/L		09/18/14 09:26	09/19/14 10:31	1
Isophorone	1.0	U	1.0	0.27	ug/L		09/18/14 09:26	09/19/14 10:31	1
N-Nitrosodi-n-propylamine	1.0	U	1.0	0.24	ug/L		09/18/14 09:26	09/19/14 10:31	1
N-Nitrosodiphenylamine	1.0	U	1.0	0.31	ug/L		09/18/14 09:26	09/19/14 10:31	1
Naphthalene	0.20	U	0.20	0.063	ug/L		09/18/14 09:26	09/19/14 10:31	1
Nitrobenzene	1.0	U	1.0	0.040	ug/L		09/18/14 09:26	09/19/14 10:31	1
Pentachlorophenol	5.0	U	5.0	0.27	ug/L		09/18/14 09:26	09/19/14 10:31	1
Phenanthrene	0.20	U	0.20	0.062	ug/L		09/18/14 09:26	09/19/14 10:31	1
Phenol	1.0	U	1.0	0.60	ug/L		09/18/14 09:26	09/19/14 10:31	1
Pyrene	0.20	U	0.20	0.042	ug/L		09/18/14 09:26	09/19/14 10:31	1
3 & 4 Methylphenol	2.0	U	2.0	0.80	ug/L		09/18/14 09:26	09/19/14 10:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*82*		*31 - 115*	*09/18/14 09:26*	*09/19/14 10:31*	*1*
Phenol-d5 (Surr)	*37*		*10 - 110*	*09/18/14 09:26*	*09/19/14 10:31*	*1*
Nitrobenzene-d5 (Surr)	*54*		*31 - 110*	*09/18/14 09:26*	*09/19/14 10:31*	*1*
2-Fluorophenol (Surr)	*50*		*15 - 110*	*09/18/14 09:26*	*09/19/14 10:31*	*1*
2-Fluorobiphenyl (Surr)	*61*		*29 - 110*	*09/18/14 09:26*	*09/19/14 10:31*	*1*
2,4,6-Tribromophenol (Surr)	*78*		*21 - 128*	*09/18/14 09:26*	*09/19/14 10:31*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-147561/21-A
Matrix: Water
Analysis Batch: 147721

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 147561

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1'-Biphenyl	20.0	13.9		ug/L		69	52 - 120
bis (2-chloroisopropyl) ether	20.0	13.2		ug/L		66	42 - 120
2,4,5-Trichlorophenol	20.0	14.9		ug/L		74	47 - 120
2,4,6-Trichlorophenol	20.0	15.2		ug/L		76	43 - 120
2,4-Dichlorophenol	20.0	14.5		ug/L		72	46 - 120
2,4-Dimethylphenol	20.0	13.8		ug/L		69	38 - 120
2,4-Dinitrophenol	40.0	29.7		ug/L		74	10 - 120
2,4-Dinitrotoluene	20.0	16.4		ug/L		82	52 - 120
2,6-Dinitrotoluene	20.0	16.7		ug/L		83	52 - 120
2-Chloronaphthalene	20.0	13.6		ug/L		68	47 - 120
2-Chlorophenol	20.0	12.7		ug/L		63	43 - 120
2-Methylnaphthalene	20.0	13.6		ug/L		68	52 - 120
2-Methylphenol	20.0	10.7		ug/L		53	38 - 120
2-Nitroaniline	20.0	15.2		ug/L		76	48 - 127
2-Nitrophenol	20.0	15.1		ug/L		75	42 - 120
3,3'-Dichlorobenzidine	40.0	30.5		ug/L		76	29 - 120
3-Nitroaniline	20.0	15.0		ug/L		75	52 - 120
4,6-Dinitro-2-methylphenol	40.0	34.1		ug/L		85	33 - 120
4-Bromophenyl phenyl ether	20.0	18.0		ug/L		90	47 - 120
4-Chloro-3-methylphenol	20.0	14.5		ug/L		72	45 - 120
4-Chloroaniline	20.0	6.78		ug/L		34	15 - 120
4-Chlorophenyl phenyl ether	20.0	15.7		ug/L		79	47 - 120
4-Nitroaniline	20.0	15.2		ug/L		76	48 - 120
4-Nitrophenol	40.0	12.0		ug/L		30	16 - 120
Acenaphthene	20.0	14.3		ug/L		72	55 - 120
Acenaphthylene	20.0	14.0		ug/L		70	55 - 120
Acetophenone	20.0	14.9		ug/L		74	50 - 120
Anthracene	20.0	15.6		ug/L		78	56 - 120
Atrazine	40.0	38.4		ug/L		96	65 - 161
Benzaldehyde	40.0	1.0	U *	ug/L		0	40 - 122
Benzo[a]anthracene	20.0	16.1		ug/L		80	46 - 120
Benzo[a]pyrene	20.0	15.4		ug/L		77	24 - 120
Benzo[b]fluoranthene	20.0	15.3		ug/L		77	24 - 120
Benzo[g,h,i]perylene	20.0	15.4		ug/L		77	24 - 126
Benzo[k]fluoranthene	20.0	15.3		ug/L		77	30 - 120
Bis(2-chloroethoxy)methane	20.0	15.2		ug/L		76	48 - 120
Bis(2-chloroethyl)ether	20.0	13.6		ug/L		68	43 - 120
Bis(2-ethylhexyl) phthalate	20.0	16.1		ug/L		81	21 - 125
Butyl benzyl phthalate	20.0	16.9		ug/L		85	51 - 120
Caprolactam	40.0	4.15	J	ug/L		10	10 - 120
Carbazole	20.0	17.3		ug/L		87	57 - 120
Chrysene	20.0	15.4		ug/L		77	49 - 120
Dibenz(a,h)anthracene	20.0	15.7		ug/L		79	24 - 125
Dibenzofuran	20.0	15.0		ug/L		75	56 - 120
Diethyl phthalate	20.0	16.1		ug/L		80	58 - 120
Dimethyl phthalate	20.0	16.8		ug/L		84	59 - 120
Di-n-butyl phthalate	20.0	18.5		ug/L		92	57 - 122
Di-n-octyl phthalate	20.0	14.8		ug/L		74	21 - 122

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-147561/21-A
Matrix: Water
Analysis Batch: 147721

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 147561

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Fluoranthene	20.0	17.4		ug/L		87	57 - 120
Fluorene	20.0	16.1		ug/L		80	56 - 120
Hexachlorobenzene	20.0	16.9		ug/L		85	52 - 120
Hexachlorobutadiene	20.0	12.0		ug/L		60	38 - 120
Hexachlorocyclopentadiene	20.0	11.1		ug/L		55	4 - 120
Hexachloroethane	20.0	10.6		ug/L		53	42 - 120
Indeno[1,2,3-cd]pyrene	20.0	15.7		ug/L		78	25 - 120
Isophorone	20.0	14.2		ug/L		71	48 - 123
N-Nitrosodi-n-propylamine	20.0	15.0		ug/L		75	48 - 123
N-Nitrosodiphenylamine	40.0	34.4		ug/L		86	51 - 120
Naphthalene	20.0	12.9		ug/L		64	52 - 120
Nitrobenzene	20.0	14.3		ug/L		72	41 - 120
Pentachlorophenol	40.0	29.2		ug/L		73	14 - 120
Phenanthrene	20.0	15.6		ug/L		78	57 - 120
Phenol	20.0	4.93		ug/L		25	16 - 120
Pyrene	20.0	16.6		ug/L		83	50 - 120
3 & 4 Methylphenol	20.0	10.2		ug/L		51	34 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Terphenyl-d14 (Surr)	*89*		*31 - 115*
Phenol-d5 (Surr)	*26*		*10 - 110*
Nitrobenzene-d5 (Surr)	*73*		*31 - 110*
2-Fluorophenol (Surr)	*41*		*15 - 110*
2-Fluorobiphenyl (Surr)	*78*		*29 - 110*
2,4,6-Tribromophenol (Surr)	*94*		*21 - 128*

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 240-147013/1-A
Matrix: Water
Analysis Batch: 147699

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 147013

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	1.0	U	1.0	0.0083	ug/L		09/15/14 09:56	09/18/14 10:17	1
Aluminum	50	U	50	7.5	ug/L		09/15/14 09:56	09/18/14 10:17	1
Arsenic	0.0660	J	5.0	0.063	ug/L		09/15/14 09:56	09/18/14 10:17	1
Barium	0.881	J	5.0	0.32	ug/L		09/15/14 09:56	09/18/14 10:17	1
Beryllium	1.0	U	1.0	0.031	ug/L		09/15/14 09:56	09/18/14 10:17	1
Cadmium	1.0	U	1.0	0.026	ug/L		09/15/14 09:56	09/18/14 10:17	1
Cobalt	1.0	U	1.0	0.020	ug/L		09/15/14 09:56	09/18/14 10:17	1
Chromium	0.194	J	2.0	0.13	ug/L		09/15/14 09:56	09/18/14 10:17	1
Copper	0.879	J	2.0	0.24	ug/L		09/15/14 09:56	09/18/14 10:17	1
Iron	100	U	100	12	ug/L		09/15/14 09:56	09/18/14 10:17	1
Manganese	0.606	J	5.0	0.41	ug/L		09/15/14 09:56	09/18/14 10:17	1
Nickel	0.198	J	2.0	0.088	ug/L		09/15/14 09:56	09/18/14 10:17	1
Lead	1.0	U	1.0	0.14	ug/L		09/15/14 09:56	09/18/14 10:17	1
Antimony	0.326	J	2.0	0.11	ug/L		09/15/14 09:56	09/18/14 10:17	1
Selenium	5.0	U	5.0	0.34	ug/L		09/15/14 09:56	09/18/14 10:17	1

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 240-147013/1-A
Matrix: Water
Analysis Batch: 147699

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 147013

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	2.0	U	2.0	0.40	ug/L		09/15/14 09:56	09/18/14 10:17	1
Vanadium	5.0	U	5.0	0.15	ug/L		09/15/14 09:56	09/18/14 10:17	1
Zinc	25.0		20	2.1	ug/L		09/15/14 09:56	09/18/14 10:17	1
Calcium	228	J	1000	27	ug/L		09/15/14 09:56	09/18/14 10:17	1
Potassium	13.3	J	1000	5.1	ug/L		09/15/14 09:56	09/18/14 10:17	1
Magnesium	65.9	J	1000	15	ug/L		09/15/14 09:56	09/18/14 10:17	1
Sodium	75.6	J	1000	4.2	ug/L		09/15/14 09:56	09/18/14 10:17	1

Lab Sample ID: LCS 240-147013/2-A
Matrix: Water
Analysis Batch: 147699

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 147013

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Silver	100	109		ug/L		109	80 - 120
Aluminum	10000	9510		ug/L		95	80 - 120
Arsenic	1000	982		ug/L		98	80 - 120
Barium	1000	1010		ug/L		101	80 - 120
Beryllium	1000	946		ug/L		95	80 - 120
Cadmium	1000	1060		ug/L		106	80 - 120
Cobalt	1000	981		ug/L		98	80 - 120
Chromium	1000	995		ug/L		99	80 - 120
Copper	1000	1030		ug/L		103	80 - 120
Iron	10000	9920		ug/L		99	80 - 120
Manganese	1000	991		ug/L		99	80 - 120
Nickel	1000	1030		ug/L		103	80 - 120
Lead	1000	1020		ug/L		102	80 - 120
Antimony	100	101		ug/L		101	80 - 120
Selenium	1000	1010		ug/L		101	80 - 120
Thallium	250	255		ug/L		102	80 - 120
Vanadium	1000	979		ug/L		98	80 - 120
Zinc	1000	1050		ug/L		105	80 - 120
Calcium	10000	9370		ug/L		94	80 - 120
Potassium	10000	10200		ug/L		102	80 - 120
Magnesium	10000	9940		ug/L		99	80 - 120
Sodium	10000	10600		ug/L		106	80 - 120

Lab Sample ID: 240-41809-1 MS
Matrix: Water
Analysis Batch: 147699

Client Sample ID: WG-631110-090914-SG-001
Prep Type: Total Recoverable
Prep Batch: 147013

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Silver	0.041	J	100	106		ug/L		106	10 - 139
Aluminum	81		10000	10200		ug/L		101	63 - 128
Arsenic	2.0	J B	1000	966		ug/L		96	82 - 123
Barium	200	B	1000	1230		ug/L		103	45 - 144
Beryllium	0.035	J	1000	968		ug/L		97	77 - 124
Cadmium	0.21	J	1000	1030		ug/L		103	78 - 117
Cobalt	0.95	J	1000	967		ug/L		97	67 - 114
Chromium	0.47	J B	1000	1010		ug/L		101	72 - 110

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: 240-41809-1 MS
Matrix: Water
Analysis Batch: 147699

Client Sample ID: WG-631110-090914-SG-001
Prep Type: Total Recoverable
Prep Batch: 147013

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Copper	38	B	1000	1010		ug/L		97	60 - 123
Iron	160		10000	10500		ug/L		104	22 - 169
Manganese	220	B	1000	1220		ug/L		100	10 - 172
Nickel	1.1	J B	1000	990		ug/L		99	72 - 111
Lead	27		1000	1010		ug/L		99	73 - 115
Antimony	2.0	B	100	104		ug/L		101	44 - 153
Selenium	5.0	U	1000	962		ug/L		96	72 - 148
Thallium	0.77	J	250	254		ug/L		101	69 - 117
Vanadium	0.89	J	1000	1000		ug/L		100	70 - 112
Zinc	48	B	1000	990		ug/L		94	49 - 156
Calcium	51000	B	10000	62800	4	ug/L		114	70 - 130
Potassium	2400	B	10000	13200		ug/L		108	70 - 130
Magnesium	76000	B	10000	87800	4	ug/L		119	70 - 130
Sodium	83000	B	10000	94800	4	ug/L		121	80 - 120

Lab Sample ID: 240-41809-1 MSD
Matrix: Water
Analysis Batch: 147699

Client Sample ID: WG-631110-090914-SG-001
Prep Type: Total Recoverable
Prep Batch: 147013

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Silver	0.041	J	100	107		ug/L		107	10 - 139	1	20
Aluminum	81		10000	10400		ug/L		103	63 - 128	2	20
Arsenic	2.0	J B	1000	1000		ug/L		100	82 - 123	3	20
Barium	200	B	1000	1250		ug/L		106	45 - 144	2	20
Beryllium	0.035	J	1000	1020		ug/L		102	77 - 124	5	20
Cadmium	0.21	J	1000	1060		ug/L		106	78 - 117	2	20
Cobalt	0.95	J	1000	1000		ug/L		100	67 - 114	3	20
Chromium	0.47	J B	1000	1040		ug/L		104	72 - 110	3	20
Copper	38	B	1000	1040		ug/L		100	60 - 123	3	20
Iron	160		10000	10900		ug/L		107	22 - 169	3	20
Manganese	220	B	1000	1250		ug/L		103	10 - 172	2	20
Nickel	1.1	J B	1000	1020		ug/L		102	72 - 111	3	20
Lead	27		1000	1030		ug/L		100	73 - 115	1	20
Antimony	2.0	B	100	105		ug/L		103	44 - 153	1	20
Selenium	5.0	U	1000	983		ug/L		98	72 - 148	2	20
Thallium	0.77	J	250	257		ug/L		103	69 - 117	1	20
Vanadium	0.89	J	1000	1020		ug/L		102	70 - 112	2	20
Zinc	48	B	1000	1020		ug/L		97	49 - 156	3	20
Calcium	51000	B	10000	67600	4	ug/L		162	70 - 130	7	20
Potassium	2400	B	10000	13500		ug/L		111	70 - 130	2	20
Magnesium	76000	B	10000	90100	4	ug/L		142	70 - 130	3	20
Sodium	83000	B	10000	97200	4	ug/L		145	80 - 120	3	20

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 631110, NL Industries

TestAmerica Job ID: 240-41809-1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 240-147014/1-A
Matrix: Water
Analysis Batch: 147511

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 147014

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.12	ug/L		09/15/14 09:56	09/17/14 13:29	1

Lab Sample ID: LCS 240-147014/2-A
Matrix: Water
Analysis Batch: 147511

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 147014

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	5.00	4.31		ug/L		86	81 - 123

Lab Sample ID: 240-41809-1 MS
Matrix: Water
Analysis Batch: 147511

Client Sample ID: WG-631110-090914-SG-001
Prep Type: Total/NA
Prep Batch: 147014

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.20	U	1.00	0.786		ug/L		79	69 - 134

Lab Sample ID: 240-41809-1 MSD
Matrix: Water
Analysis Batch: 147511

Client Sample ID: WG-631110-090914-SG-001
Prep Type: Total/NA
Prep Batch: 147014

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.20	U	1.00	0.864		ug/L		86	69 - 134	9	20

GC/MS VOA

Analysis Batch: 147167

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-41809-1	WG-631110-090914-SG-001	Total/NA	Water	8260C	
240-41809-1 MS	WG-631110-090914-SG-001	Total/NA	Water	8260C	
240-41809-1 MSD	WG-631110-090914-SG-001	Total/NA	Water	8260C	
240-41809-2	EB-631110-090914-DJT-002	Total/NA	Water	8260C	
240-41809-3	WG-631110-090914-SG-003	Total/NA	Water	8260C	
240-41809-4	WG-631110-090914-DJT-004	Total/NA	Water	8260C	
240-41809-5	WG-631110-090914-SG-005	Total/NA	Water	8260C	
240-41809-6	WG-631110-090914-DJT-006	Total/NA	Water	8260C	
240-41809-7	WG-631110-090914-SG-007	Total/NA	Water	8260C	
240-41809-8	WG-631110-090914-DJT-008	Total/NA	Water	8260C	
240-41809-9	TB-631110-090914-DJT	Total/NA	Water	8260C	
LCS 240-147167/4	Lab Control Sample	Total/NA	Water	8260C	
MB 240-147167/6	Method Blank	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 146991

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-41809-1	WG-631110-090914-SG-001	Total/NA	Water	3510C	
240-41809-2	EB-631110-090914-DJT-002	Total/NA	Water	3510C	
240-41809-3	WG-631110-090914-SG-003	Total/NA	Water	3510C	
240-41809-4	WG-631110-090914-DJT-004	Total/NA	Water	3510C	
240-41809-5	WG-631110-090914-SG-005	Total/NA	Water	3510C	
240-41809-6	WG-631110-090914-DJT-006	Total/NA	Water	3510C	
240-41809-7	WG-631110-090914-SG-007	Total/NA	Water	3510C	
240-41809-8	WG-631110-090914-DJT-008	Total/NA	Water	3510C	
LCS 240-146991/12-A	Lab Control Sample	Total/NA	Water	3510C	
MB 240-146991/11-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 147328

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-41809-1	WG-631110-090914-SG-001	Total/NA	Water	8270D	146991
240-41809-2	EB-631110-090914-DJT-002	Total/NA	Water	8270D	146991
240-41809-3	WG-631110-090914-SG-003	Total/NA	Water	8270D	146991
240-41809-4	WG-631110-090914-DJT-004	Total/NA	Water	8270D	146991
240-41809-5	WG-631110-090914-SG-005	Total/NA	Water	8270D	146991
240-41809-6	WG-631110-090914-DJT-006	Total/NA	Water	8270D	146991
240-41809-7	WG-631110-090914-SG-007	Total/NA	Water	8270D	146991
240-41809-8	WG-631110-090914-DJT-008	Total/NA	Water	8270D	146991
LCS 240-146991/12-A	Lab Control Sample	Total/NA	Water	8270D	146991
MB 240-146991/11-A	Method Blank	Total/NA	Water	8270D	146991

Prep Batch: 147561

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-41809-1 - RE	WG-631110-090914-SG-001	Total/NA	Water	3510C	
240-41809-2 - RE	EB-631110-090914-DJT-002	Total/NA	Water	3510C	
240-41809-3 - RE	WG-631110-090914-SG-003	Total/NA	Water	3510C	
240-41809-4 - RE	WG-631110-090914-DJT-004	Total/NA	Water	3510C	
240-41809-5 - RE	WG-631110-090914-SG-005	Total/NA	Water	3510C	
240-41809-6 - RE	WG-631110-090914-DJT-006	Total/NA	Water	3510C	

GC/MS Semi VOA (Continued)

Prep Batch: 147561 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-41809-7 - RE	WG-631110-090914-SG-007	Total/NA	Water	3510C	
240-41809-8 - RE	WG-631110-090914-DJT-008	Total/NA	Water	3510C	
LCS 240-147561/21-A	Lab Control Sample	Total/NA	Water	3510C	
MB 240-147561/20-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 147721

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-41809-1 - RE	WG-631110-090914-SG-001	Total/NA	Water	8270D	147561
240-41809-2 - RE	EB-631110-090914-DJT-002	Total/NA	Water	8270D	147561
240-41809-3 - RE	WG-631110-090914-SG-003	Total/NA	Water	8270D	147561
240-41809-4 - RE	WG-631110-090914-DJT-004	Total/NA	Water	8270D	147561
240-41809-5 - RE	WG-631110-090914-SG-005	Total/NA	Water	8270D	147561
240-41809-6 - RE	WG-631110-090914-DJT-006	Total/NA	Water	8270D	147561
240-41809-7 - RE	WG-631110-090914-SG-007	Total/NA	Water	8270D	147561
240-41809-8 - RE	WG-631110-090914-DJT-008	Total/NA	Water	8270D	147561
LCS 240-147561/21-A	Lab Control Sample	Total/NA	Water	8270D	147561
MB 240-147561/20-A	Method Blank	Total/NA	Water	8270D	147561

Metals

Prep Batch: 147013

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-41809-1	WG-631110-090914-SG-001	Total Recoverable	Water	3005A	
240-41809-1 MS	WG-631110-090914-SG-001	Total Recoverable	Water	3005A	
240-41809-1 MSD	WG-631110-090914-SG-001	Total Recoverable	Water	3005A	
240-41809-2	EB-631110-090914-DJT-002	Total Recoverable	Water	3005A	
240-41809-3	WG-631110-090914-SG-003	Total Recoverable	Water	3005A	
240-41809-4	WG-631110-090914-DJT-004	Total Recoverable	Water	3005A	
240-41809-5	WG-631110-090914-SG-005	Total Recoverable	Water	3005A	
240-41809-6	WG-631110-090914-DJT-006	Total Recoverable	Water	3005A	
240-41809-7	WG-631110-090914-SG-007	Total Recoverable	Water	3005A	
240-41809-8	WG-631110-090914-DJT-008	Total Recoverable	Water	3005A	
LCS 240-147013/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 240-147013/1-A	Method Blank	Total Recoverable	Water	3005A	

Prep Batch: 147014

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-41809-1	WG-631110-090914-SG-001	Total/NA	Water	7470A	
240-41809-1 MS	WG-631110-090914-SG-001	Total/NA	Water	7470A	
240-41809-1 MSD	WG-631110-090914-SG-001	Total/NA	Water	7470A	
240-41809-2	EB-631110-090914-DJT-002	Total/NA	Water	7470A	
240-41809-3	WG-631110-090914-SG-003	Total/NA	Water	7470A	
240-41809-4	WG-631110-090914-DJT-004	Total/NA	Water	7470A	
240-41809-5	WG-631110-090914-SG-005	Total/NA	Water	7470A	
240-41809-6	WG-631110-090914-DJT-006	Total/NA	Water	7470A	
240-41809-7	WG-631110-090914-SG-007	Total/NA	Water	7470A	
240-41809-8	WG-631110-090914-DJT-008	Total/NA	Water	7470A	
LCS 240-147014/2-A	Lab Control Sample	Total/NA	Water	7470A	
MB 240-147014/1-A	Method Blank	Total/NA	Water	7470A	

Metals (Continued)

Analysis Batch: 147511

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-41809-1	WG-631110-090914-SG-001	Total/NA	Water	7470A	147014
240-41809-1 MS	WG-631110-090914-SG-001	Total/NA	Water	7470A	147014
240-41809-1 MSD	WG-631110-090914-SG-001	Total/NA	Water	7470A	147014
240-41809-2	EB-631110-090914-DJT-002	Total/NA	Water	7470A	147014
240-41809-3	WG-631110-090914-SG-003	Total/NA	Water	7470A	147014
240-41809-4	WG-631110-090914-DJT-004	Total/NA	Water	7470A	147014
240-41809-5	WG-631110-090914-SG-005	Total/NA	Water	7470A	147014
240-41809-6	WG-631110-090914-DJT-006	Total/NA	Water	7470A	147014
240-41809-7	WG-631110-090914-SG-007	Total/NA	Water	7470A	147014
240-41809-8	WG-631110-090914-DJT-008	Total/NA	Water	7470A	147014
LCS 240-147014/2-A	Lab Control Sample	Total/NA	Water	7470A	147014
MB 240-147014/1-A	Method Blank	Total/NA	Water	7470A	147014

Analysis Batch: 147699

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-41809-1	WG-631110-090914-SG-001	Total Recoverable	Water	6020A	147013
240-41809-1 MS	WG-631110-090914-SG-001	Total Recoverable	Water	6020A	147013
240-41809-1 MSD	WG-631110-090914-SG-001	Total Recoverable	Water	6020A	147013
240-41809-2	EB-631110-090914-DJT-002	Total Recoverable	Water	6020A	147013
240-41809-3	WG-631110-090914-SG-003	Total Recoverable	Water	6020A	147013
240-41809-4	WG-631110-090914-DJT-004	Total Recoverable	Water	6020A	147013
240-41809-5	WG-631110-090914-SG-005	Total Recoverable	Water	6020A	147013
240-41809-6	WG-631110-090914-DJT-006	Total Recoverable	Water	6020A	147013
240-41809-7	WG-631110-090914-SG-007	Total Recoverable	Water	6020A	147013
240-41809-8	WG-631110-090914-DJT-008	Total Recoverable	Water	6020A	147013
LCS 240-147013/2-A	Lab Control Sample	Total Recoverable	Water	6020A	147013
MB 240-147013/1-A	Method Blank	Total Recoverable	Water	6020A	147013

Client Sample ID: WG-631110-090914-SG-001

Lab Sample ID: 240-41809-1

Date Collected: 09/09/14 09:55

Matrix: Water

Date Received: 09/10/14 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	147167	09/16/14 12:27	RJQ	TAL CAN
Total/NA	Prep	3510C	RE		147561	09/18/14 09:26	JDR	TAL CAN
Total/NA	Analysis	8270D	RE	1	147721	09/19/14 13:30	JMG	TAL CAN
Total/NA	Prep	3510C			146991	09/15/14 08:01	CSC	TAL CAN
Total/NA	Analysis	8270D		1	147328	09/17/14 12:40	MRU	TAL CAN
Total Recoverable	Prep	3005A			147013	09/15/14 09:56	WAL	TAL CAN
Total Recoverable	Analysis	6020A		1	147699	09/18/14 10:31	KLC	TAL CAN
Total/NA	Prep	7470A			147014	09/15/14 09:56	WAL	TAL CAN
Total/NA	Analysis	7470A		1	147511	09/17/14 13:32	AMM2	TAL CAN

Client Sample ID: EB-631110-090914-DJT-002

Lab Sample ID: 240-41809-2

Date Collected: 09/09/14 09:30

Matrix: Water

Date Received: 09/10/14 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	147167	09/16/14 12:50	RJQ	TAL CAN
Total/NA	Prep	3510C	RE		147561	09/18/14 09:26	JDR	TAL CAN
Total/NA	Analysis	8270D	RE	1	147721	09/19/14 14:47	JMG	TAL CAN
Total/NA	Prep	3510C			146991	09/15/14 08:01	CSC	TAL CAN
Total/NA	Analysis	8270D		1	147328	09/17/14 13:04	MRU	TAL CAN
Total Recoverable	Prep	3005A			147013	09/15/14 09:56	WAL	TAL CAN
Total Recoverable	Analysis	6020A		1	147699	09/18/14 11:06	KLC	TAL CAN
Total/NA	Prep	7470A			147014	09/15/14 09:56	WAL	TAL CAN
Total/NA	Analysis	7470A		1	147511	09/17/14 13:51	AMM2	TAL CAN

Client Sample ID: WG-631110-090914-SG-003

Lab Sample ID: 240-41809-3

Date Collected: 09/09/14 11:10

Matrix: Water

Date Received: 09/10/14 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	147167	09/16/14 13:13	RJQ	TAL CAN
Total/NA	Prep	3510C	RE		147561	09/18/14 09:26	JDR	TAL CAN
Total/NA	Analysis	8270D	RE	1	147721	09/19/14 14:22	JMG	TAL CAN
Total/NA	Prep	3510C			146991	09/15/14 08:01	CSC	TAL CAN
Total/NA	Analysis	8270D		1	147328	09/17/14 13:28	MRU	TAL CAN
Total Recoverable	Prep	3005A			147013	09/15/14 09:56	WAL	TAL CAN
Total Recoverable	Analysis	6020A		1	147699	09/18/14 11:13	KLC	TAL CAN
Total/NA	Prep	7470A			147014	09/15/14 09:56	WAL	TAL CAN
Total/NA	Analysis	7470A		1	147511	09/17/14 13:53	AMM2	TAL CAN

Client Sample ID: WG-631110-090914-DJT-004

Lab Sample ID: 240-41809-4

Date Collected: 09/09/14 09:55

Matrix: Water

Date Received: 09/10/14 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	147167	09/16/14 13:36	RJQ	TAL CAN
Total/NA	Prep	3510C	RE		147561	09/18/14 09:26	JDR	TAL CAN
Total/NA	Analysis	8270D	RE	1	147721	09/19/14 15:13	JMG	TAL CAN
Total/NA	Prep	3510C			146991	09/15/14 08:01	CSC	TAL CAN
Total/NA	Analysis	8270D		1	147328	09/17/14 13:53	MRU	TAL CAN
Total Recoverable	Prep	3005A			147013	09/15/14 09:56	WAL	TAL CAN
Total Recoverable	Analysis	6020A		1	147699	09/18/14 11:21	KLC	TAL CAN
Total/NA	Prep	7470A			147014	09/15/14 09:56	WAL	TAL CAN
Total/NA	Analysis	7470A		1	147511	09/17/14 13:55	AMM2	TAL CAN

Client Sample ID: WG-631110-090914-SG-005

Lab Sample ID: 240-41809-5

Date Collected: 09/09/14 11:10

Matrix: Water

Date Received: 09/10/14 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	147167	09/16/14 17:01	RJQ	TAL CAN
Total/NA	Prep	3510C	RE		147561	09/18/14 09:26	JDR	TAL CAN
Total/NA	Analysis	8270D	RE	1	147721	09/19/14 13:56	JMG	TAL CAN
Total/NA	Prep	3510C			146991	09/15/14 08:01	CSC	TAL CAN
Total/NA	Analysis	8270D		1	147328	09/17/14 14:17	MRU	TAL CAN
Total Recoverable	Prep	3005A			147013	09/15/14 09:56	WAL	TAL CAN
Total Recoverable	Analysis	6020A		1	147699	09/18/14 11:42	KLC	TAL CAN
Total/NA	Prep	7470A			147014	09/15/14 09:56	WAL	TAL CAN
Total/NA	Analysis	7470A		1	147511	09/17/14 13:57	AMM2	TAL CAN

Client Sample ID: WG-631110-090914-DJT-006

Lab Sample ID: 240-41809-6

Date Collected: 09/09/14 10:25

Matrix: Water

Date Received: 09/10/14 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	147167	09/16/14 17:24	RJQ	TAL CAN
Total/NA	Prep	3510C	RE		147561	09/18/14 09:26	JDR	TAL CAN
Total/NA	Analysis	8270D	RE	1	147721	09/19/14 15:39	JMG	TAL CAN
Total/NA	Prep	3510C			146991	09/15/14 08:01	CSC	TAL CAN
Total/NA	Analysis	8270D		1	147328	09/17/14 14:41	MRU	TAL CAN
Total Recoverable	Prep	3005A			147013	09/15/14 09:56	WAL	TAL CAN
Total Recoverable	Analysis	6020A		1	147699	09/18/14 11:49	KLC	TAL CAN
Total/NA	Prep	7470A			147014	09/15/14 09:56	WAL	TAL CAN
Total/NA	Analysis	7470A		1	147511	09/17/14 14:00	AMM2	TAL CAN

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 631110, NL Industries

TestAmerica Job ID: 240-41809-1

Client Sample ID: WG-631110-090914-SG-007

Lab Sample ID: 240-41809-7

Date Collected: 09/09/14 12:50

Matrix: Water

Date Received: 09/10/14 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	147167	09/16/14 17:47	RJQ	TAL CAN
Total/NA	Prep	3510C	RE		147561	09/18/14 09:26	JDR	TAL CAN
Total/NA	Analysis	8270D	RE	1	147721	09/19/14 16:31	JMG	TAL CAN
Total/NA	Prep	3510C			146991	09/15/14 08:01	CSC	TAL CAN
Total/NA	Analysis	8270D		1	147328	09/17/14 15:06	MRU	TAL CAN
Total Recoverable	Prep	3005A			147013	09/15/14 09:56	WAL	TAL CAN
Total Recoverable	Analysis	6020A		1	147699	09/18/14 11:56	KLC	TAL CAN
Total/NA	Prep	7470A			147014	09/15/14 09:56	WAL	TAL CAN
Total/NA	Analysis	7470A		1	147511	09/17/14 14:02	AMM2	TAL CAN

Client Sample ID: WG-631110-090914-DJT-008

Lab Sample ID: 240-41809-8

Date Collected: 09/09/14 11:20

Matrix: Water

Date Received: 09/10/14 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	147167	09/16/14 18:09	RJQ	TAL CAN
Total/NA	Prep	3510C	RE		147561	09/18/14 09:26	JDR	TAL CAN
Total/NA	Analysis	8270D	RE	1	147721	09/19/14 16:05	JMG	TAL CAN
Total/NA	Prep	3510C			146991	09/15/14 08:01	CSC	TAL CAN
Total/NA	Analysis	8270D		1	147328	09/17/14 15:30	MRU	TAL CAN
Total Recoverable	Prep	3005A			147013	09/15/14 09:56	WAL	TAL CAN
Total Recoverable	Analysis	6020A		1	147699	09/18/14 12:03	KLC	TAL CAN
Total/NA	Prep	7470A			147014	09/15/14 09:56	WAL	TAL CAN
Total/NA	Analysis	7470A		1	147511	09/17/14 13:59	AMM2	TAL CAN

Client Sample ID: TB-631110-090914-DJT

Lab Sample ID: 240-41809-9

Date Collected: 09/09/14 00:00

Matrix: Water

Date Received: 09/10/14 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	147167	09/16/14 18:32	RJQ	TAL CAN

Laboratory References:

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Certification Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 631110, NL Industries

TestAmerica Job ID: 240-41809-1

Laboratory: TestAmerica Canton

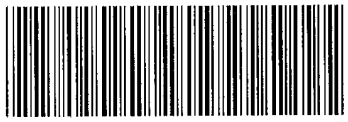
The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
New York	NELAP	2	10975	03-31-15

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

CHAIN OF CUSTODY
AND
RECEIVING DOCUMENTS



240-41809 Chain of Custody

4101 Shuffel Street, N.W. North Canton, OH 44720 **tel** 330.497.9396 **fax** 330.497.0772 **www.testamericainc.com**

CHAIN OF CUSTODY RECORD

COC NO.: 40940

PAGE 1 OF 1

(See Reverse Side for Instructions)

CONESTOGA-ROVERS & ASSOCIATES

Address: NF Office 0.4

Phone: _____ Fax: _____

Project No/ Phase/Task Code: 631110-98	Laboratory Name: Test America	Lab Location: North Canton OH	SSOW ID:
Project Name: Cascade Paper Annual Sampling	Lab Contact: Denise Heckler	Lab Quote No:	Cooler No: 2
Project Location: Walden Ave			Carrier:
Chemistry Contact: Paul McMahon			Airbill No:
Sampler(s): S. Gardner / D. Tyran			Date Shipped: 9-9-14

Item	Sample Identification (Containers for each sample may be combined on one line)	Date (mm/dd/yy)	Time (hh:mm)	Matrix Code (see back of COC)	Grab (G) or Comp (C)	Container Quantity & Preservation: Unpreserved	HCl	HNO_3	H_2SO_4	NaOH	Methanol/Water (Soil VOC)	EnCores 3x5-g, 1x25-g	Other:	Total Containers/Sample	Analysis Requested: VOCs	SVOCs	TAL Metals	MS/MSD Request	Comments/ Special Instructions
1	WG-631110-090914-SG-001	9-9-14	0955	WG	G	X	X	X						6	X	X	X		Lab project #
2	EB-631110-090914-DJT-002	9-9-14	0930	EB	G	X	X	X						6	X	X	X		
3	WG-631110-090914-SG-003	9-9-14	1110	WG	G	X	X	X						6	X	X	X		240087 60
4	WG-631110-090914-DJT-004	9-9-14	0955	WG	G	X	X	X						6	X	X	X		
5	WG-631110-090914-SG-005	9-9-14	1110	WG	G	X	X	X						6	X	X	X		
6	WG-631110-090914-DJT-006	9-9-14	1025	WG	G	X	X	X						6	X	X	X		
7	WG-631110-090914-SG-007	9-9-14	1250	WG	G	X	X	X						6	X	X	X		
8	WG-631110-090914-DJT-008	9-9-14	1120	WG	G	X	X	X						6	X	X	X		
9	TB-631110-090914-DJT	9-9-14		TB	G		X							2	X				DJT
10									DJT										
11																			
12																			
13																			
14																			
15														50					

Page 81 of 84

TAT Required in business days (use separate COCs for different TATs):

☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ 1 Week ☒ 2 Week ☐ Other:

Total Number of Containers:

All Samples in Cooler must be on COC

Notes/ Special Requirements:

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
1. Dave J Tyran	CRA	9.9.14	1420	1.	TA	9-10-14	930
2.				2.			
3.				3.			

9/23/2014

THE CHAIN OF CUSTODY IS A LEGAL DOCUMENT – ALL FIELDS MUST BE COMPLETED ACCURATELY

Distribution: WHITE – Fully Executed Copy (CRA) YELLOW – Receiving Laboratory Copy PINK – Shipper GOLDENROD – Sampling Crew

CRA Form: COC-10S (20110804)

TestAmerica Canton Sample Receipt Form/Narrative
Canton Facility

Login # : 41809

Client CRA Site Name

Cooler unpacked by:

Cooler Received on 9.10.14 Opened on 9.10.14

FedEx: 1st (Grd) Exp UPS FAS Stetson Client Drop Off TestAmerica Courier Other

TestAmerica Cooler # Foam Box Client Cooler Box (Other)

Packing material used: (Bubble Wrap) Foam Plastic Bag None Other

COOLANT: (Wet Ice) Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt

IR GUN# A	(CF +2 °C)	Observed Cooler Temp. ____ °C	Corrected Cooler Temp. ____ °C
IR GUN# 4	(CF -2 °C)	Observed Cooler Temp. ____ °C	Corrected Cooler Temp. ____ °C
IR GUN# 5	(CF 0 °C)	Observed Cooler Temp. ____ °C	Corrected Cooler Temp. ____ °C
IR GUN# 8	(CF 0 °C)	Observed Cooler Temp. ____ °C	Corrected Cooler Temp. ____ °C

☑ See Multiple Cooler Form

2. Were custody seals on the outside of the cooler(s)? If Yes Quantity 2 (Yes) No
   -Were custody seals on the outside of the cooler(s) signed & dated? (Yes) No NA
   -Were custody seals on the bottle(s)? Yes (No)
3. Shippers' packing slip attached to the cooler(s)? (Yes) No
4. Did custody papers accompany the sample(s)? (Yes) No
5. Were the custody papers relinquished & signed in the appropriate place? (Yes) No
6. Did all bottles arrive in good condition (Unbroken)? (Yes) No
7. Could all bottle labels be reconciled with the COC? (Yes) No
8. Were correct bottle(s) used for the test(s) indicated? (Yes) No
9. Sufficient quantity received to perform indicated analyses? (Yes) No
10. Were sample(s) at the correct pH upon receipt? (Yes) No NA pH Strip Lot# HC412469
11. Were VOAs on the COC? (Yes) No
12. Were air bubbles >6 mm in any VOA vials? Yes (No) NA
13. Was a trip blank present in the cooler(s)? (Yes) No

Contacted PM ____ Date ____ by ____ via Verbal Voice Mail Other

Concerning ____

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

Samples processed by:

15. SAMPLE CONDITION

Sample(s) ____ were received after the recommended holding time had expired.

Sample(s) ____ were received in a broken container.

Sample(s) ____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) ____ were further preserved in the laboratory.

Time preserved: ____ Preservative(s) added/Lot number(s): ____

TestAmerica Multiple Cooler Receipt Form/Narrative Login #: 41809
Canton Facility

Cooler #	IR Gun #	Observed Temp °C	Corrected Temp °C	Coolant
Client	8	0.4	0.4	Ice
2	4	2.9	2.9	4

Login Container Summary Report

Temperature readings: _____

Client Sample ID	Lab ID	Container Type	Container pH	Preservative Added (mls)	Lot #
WG-631110-090914-SG-001	240-41809-D-1	Plastic 500ml - with Nitric Acid	<2	_____	_____
EB-631110-090914-DJT-002	240-41809-D-2	Plastic 500ml - with Nitric Acid	<2	_____	_____
WG-631110-090914-SG-003	240-41809-D-3	Plastic 500ml - with Nitric Acid	<2	_____	_____
WG-631110-090914-DJT-004	240-41809-D-4	Plastic 500ml - with Nitric Acid	<2	_____	_____
WG-631110-090914-SG-005	240-41809-D-5	Plastic 500ml - with Nitric Acid	<2	_____	_____
WG-631110-090914-DJT-006	240-41809-D-6	Plastic 500ml - with Nitric Acid	<2	_____	_____
WG-631110-090914-SG-007	240-41809-D-7	Plastic 500ml - with Nitric Acid	<2	_____	_____
WG-631110-090914-DJT-008	240-41809-D-8	Plastic 500ml - with Nitric Acid	<2	_____	_____

Appendix E

Data Usability Summary Report (DUSR)

CONESTOGA-ROVERS & ASSOCIATES

2055 Niagara Falls Blvd., Suite #3
Niagara Falls, New York 14304
Telephone: (716) 297-6150 Fax: (716) 297-2265
www.CRAworld.com

MEMORANDUM

TO:	Kathy Galanti	REF. NO.:	631110
FROM:	Paul McMahon/adh/1	DATE:	September 25, 2014

RE: Data Usability Summary Report (DUSR)
Groundwater Sampling
Cascade Paper Site
Depew, New York
September 2014

Introduction

The following details a quality assessment and validation of the analytical data resulting from the September 9, 2014 collection of nine water samples, including a trip blank and an equipment blank, from the Cascade Paper Site, Depew, New York. The sample summary detailing sample identification, sample location, quality control (QC) samples, and analytical parameters is presented in Table 1. Sample analysis was completed at TestAmerica Laboratories (TA), in North Canton, Ohio, in accordance with the methodologies presented in Table 2.

This DUSR has been prepared following the guidelines provided in New York State Department of Environmental Conservation (NYSDEC) Division of Environmental Remediation "DER-10, Technical Guidance for Site Investigation and Remediation, Appendix 2B-Guidance for the Development of Data Usability Summary Reports", May 2010.

Analytical Methodology and Data Validation

The QC criteria used to assess the data were established by the methods and with the following guidance documents:

i) "United States Environmental Protection Agency (USEPA) Contract Laboratory Program National Functional Guidelines for Organic Data Review", October 1999
ii) "USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review", February 1994

These documents will be referred to as the "Guidelines" in this memorandum.

The data review included evaluation of the data package, holding times, surrogate recoveries, method blanks, laboratory control sample (LCS) recoveries, matrix spike recoveries, field duplicates, and field blanks.

Qualifications applied to the analytical results based on the data validation include 'UJ' (estimated quantitation limit), and 'U' (non-detect). The validated analytical results are presented in Table 2.

QA/QC Review

Holding Times and Sample Preservation

Based on the methods, all required holding times were originally met. Due to poor LCS recoveries for several acid-extractable semi-volatile organic compounds (SVOCs), the samples were re-extracted 2 days outside of the 7-day holding time. Associated sample results were qualified as estimated (see Table 4).

All samples were properly preserved and cooled to 0-6°C after collection.

Method Blank Analysis

Method blanks were analyzed on a daily basis. Most method blank results were non-detect for the analytes of interest. Sample results with concentrations similar to those found in the method blanks were qualified as non-detect (see Table 5).

Surrogate Spike Recoveries

In accordance with the methods employed, all samples, blanks, and QA/QC samples analyzed for volatile organic compounds (VOCs) and SVOCs were spiked with surrogate compounds prior to sample extraction and/or analysis. Surrogate recoveries provide a means to evaluate the effects of individual sample matrices on analytical efficiency. According to the "Guidelines", up to one outlying SVOC surrogate in the base/neutral or acid fractions is acceptable as long as the recovery is at least 10 percent.

All sample surrogate recoveries were within laboratory control limits, indicating good analytical efficiency.

Laboratory Control Sample Analyses

LCSs were analyzed at the required frequency for all parameters and most recoveries for the data selected for reporting were acceptable, indicating adequate analytical efficiency. A high carbon tetrachloride LCS recovery was reported; all associated sample results were non-detect and were not impacted by the indicated high bias.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Analyses

To evaluate the effects of sample matrices on the extraction or digestion process, measurement procedures, and accuracy of a particular analysis, samples are spiked with a known concentration of the

analyte of concern and analyzed as MS/MSD samples. The relative percent difference (RPD) between the MS and MSD is used to assess analytical precision. If the original sample concentration is significantly greater than the spike concentration, the recovery is not assessed.

MS/MSD analyses were performed by the laboratory internally.

Organic Analyses

The MS/MSD samples were spiked with all compounds of interest. All percent recoveries and RPD values were within the laboratory control limits, demonstrating acceptable analytical accuracy and precision.

Inorganic Analyses

The MS/MSD samples were spiked with the analytes of interest, and the results were evaluated using the "Guidelines". All percent recoveries and RPD values were within the control limits, demonstrating acceptable analytical accuracy and precision.

Field Quality Assurance/Quality Control (QA/QC)

The field QA/QC consisted of one trip blank sample, one equipment blank sample, and one field duplicate set.

Trip Blanks

To monitor potential cross-contamination of VOCs during aqueous sample transportation, storage, and analysis, a trip blank was submitted to the laboratory for VOC analysis.

All results were non-detect for the compounds of interest.

Equipment Blanks

To assess the cleanliness of sample containers and the presence of field contamination, the equipment blank sample identified in Table 1 was collected and analyzed.

VOCs and metals were detected in the equipment blank. Most associated sample results were either non-detect or considerably greater than the concentrations found in the blank and no qualification of data was necessary. Remaining sample results with concentrations similar to those found in the blank were qualified as non-detect (see Table 6).

Field Duplicates

Overall precision for the sampling event and laboratory procedures was monitored using the results of the field duplicate sample set, as identified in Table 1. The RPDs associated with these duplicate samples must be less than 50 percent for water samples. If the reported concentration in either the investigative sample or its duplicate is less than five times the practical quantitation limit (PQL), the evaluation criterion is one times the PQL value.

All field duplicate results were within acceptable agreement, demonstrating good sampling and analytical precision.

Sample Results and Reporting

All sample results and quantitation limits were reported in accordance with method requirements. The laboratory reported detected results down to the laboratory's method detection limit (MDL) for each analyte. Positive analyte detections less than the PQL but greater than the MDL were qualified as estimated (J) in Table 2 unless qualified otherwise in this memorandum. Non-detect results were presented as non-detect at the PQL in Table 2.

Overall Assessment

All deliverables required by the project were present, and the data package was complete. Based on the preceding evaluation, the data summarized in Table 2 were acceptable for use with the qualifications noted.

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
GROUNDWATER SAMPLING
CASCADES PAPER SITE
DEPEW, NEW YORK
SEPTEMBER 2014

				Parameter			
Sample ID	***Location I.D.***	***Collection Date***	***Collection Time***	***TCL VOCs***	***TAL Metals***	***TCL SVOCs***	***Comment***
WG-631110-090914-SG-001	MW-101	9/9/2014	09:55	X	X	X	
EB-631110-090914-DJT-002	-	9/9/2014	9:30	X	X	X	Equipment Blank
WG-631110-090914-SG-003	MW-102	9/9/2014	11:10	X	X	X	
WG-631110-090914-SG-005	MW-102	9/9/2014	11:10	X	X	X	Duplicate of WG-631110-090914-SG-003
WG-631110-090914-DJT-004	MW-106F	9/9/2014	09:55	X	X	X	
WG-631110-090914-DJT-006	MW-104	9/9/2014	10:25	X	X	X	
WG-631110-090914-SG-007	MW-105	9/9/2014	12:50	X	X	X	
WG-631110-090914-DJT-008	MW-103	9/9/2014	11:20	X	X	X	
TB-631110-090914-DJT	-	9/9/2014	-	X			Trip Blank

Notes:

-	Not applicable
TCL	Target Compound List
TAL	Target Analyte List
SVOCs	Semi-Volatile Organic Compounds
VOCs	Volatile Organic Compounds

TABLE 2

ANALYTICAL RESULTS SUMMARY
GROUNDWATER SAMPLING
CASCADE PAPER SITE
DEPEW, NEW YORK
SEPTEMBER 2014

Sample Location:		*MW-101*	*MW-102*	*MW-102*	*MW-103*
Sample ID:		*WG-631110-090914-SG-001*	*WG-631110-090914-SG-003*	*WG-631110-090914-SG-005*	*WG-631110-090914-DJT-008*
Sample Date:		*9/9/2014*	*9/9/2014*	*9/9/2014 (Duplicate)*	*9/9/2014*
Parameters	***Units***				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	10 U	10 U	10 U
Acetone	µg/L	10 U	10 U	10 U	10 U
Benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U

ANALYTICAL RESULTS SUMMARY
GROUNDWATER SAMPLING
CASCADE PAPER SITE
DEPEW, NEW YORK
SEPTEMBER 2014

Sample Location:		*MW-101*	*MW-102*	*MW-102*	*MW-103*
Sample ID:		*WG-631110-090914-SG-001*	*WG-631110-090914-SG-003*	*WG-631110-090914-SG-005*	*WG-631110-090914-DJT-008*
Sample Date:		*9/9/2014*	*9/9/2014*	*9/9/2014 (Duplicate)*	*9/9/2014*
Parameters	***Units***				
Volatile Organic Compounds-Continued					
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	10 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U
Semi-Volatile Organic Compounds					
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	0.95 U	0.96 U	0.96 U	0.96 U
2,4,5-Trichlorophenol	µg/L	4.8 UJ	4.8 UJ	4.8 UJ	4.8 UJ
2,4,6-Trichlorophenol	µg/L	4.8 UJ	4.8 UJ	4.8 UJ	4.8 UJ
2,4-Dichlorophenol	µg/L	1.9 UJ	1.9 UJ	1.9 UJ	1.9 UJ
2,4-Dimethylphenol	µg/L	1.9 U	1.9 U	1.9 U	1.9 U
2,4-Dinitrophenol	µg/L	4.8 UJ	4.8 UJ	4.8 UJ	4.8 UJ
2,4-Dinitrotoluene	µg/L	4.8 U	4.8 U	4.8 U	4.8 U
2,6-Dinitrotoluene	µg/L	4.8 U	4.8 U	4.8 U	4.8 U
2-Chloronaphthalene	µg/L	0.95 U	0.96 U	0.96 U	0.96 U
2-Chlorophenol	µg/L	0.95 UJ	0.95 UJ	0.95 UJ	0.96 UJ
2-Methylnaphthalene	µg/L	0.19 U	0.19 U	0.19 U	0.19 U
2-Methylphenol	µg/L	0.95 U	0.96 U	0.96 U	0.96 U
2-Nitroaniline	µg/L	1.9 U	1.9 U	1.9 U	1.9 U
2-Nitrophenol	µg/L	1.9 UJ	1.9 UJ	1.9 UJ	1.9 UJ
3&4-Methylphenol	µg/L	1.9 UJ	1.9 UJ	1.9 UJ	1.9 UJ
3,3'-Dichlorobenzidine	µg/L	4.8 U	4.8 U	4.8 U	4.8 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
GROUNDWATER SAMPLING
CASCADE PAPER SITE
DEPEW, NEW YORK
SEPTEMBER 2014

Sample Location:		*MW-101*	*MW-102*	*MW-102*	*MW-103*
Sample ID:		*WG-631110-090914-SG-001*	*WG-631110-090914-SG-003*	*WG-631110-090914-SG-005*	*WG-631110-090914-DJT-008*
Sample Date:		*9/9/2014*	*9/9/2014*	*9/9/2014 (Duplicate)*	*9/9/2014*
Parameters	***Units***				
Semi-Volatile Organic Compounds-Continued					
3-Nitroaniline	µg/L	1.9 U	1.9 U	1.9 U	1.9 U
4,6-Dinitro-2-methylphenol	µg/L	4.8 UJ	4.8 UJ	4.8 UJ	4.8 UJ
4-Bromophenyl phenyl ether	µg/L	1.9 U	1.9 U	1.9 U	1.9 U
4-Chloro-3-methylphenol	µg/L	1.9 UJ	1.9 UJ	1.9 UJ	1.9 UJ
4-Chloroaniline	µg/L	1.9 U	1.9 U	1.9 U	1.9 U
4-Chlorophenyl phenyl ether	µg/L	1.9 U	1.9 U	1.9 U	1.9 U
4-Nitroaniline	µg/L	1.9 U	1.9 U	1.9 U	1.9 U
4-Nitrophenol	µg/L	4.8 UJ	4.8 UJ	4.8 UJ	4.8 UJ
Acenaphthene	µg/L	0.19 U	0.19 U	0.19 U	0.19 U
Acenaphthylene	µg/L	0.19 U	0.19 U	0.19 U	0.19 U
Acetophenone	µg/L	0.95 U	0.96 U	0.96 U	0.96 U
Anthracene	µg/L	0.19 U	0.19 U	0.19 U	0.19 U
Atrazine	µg/L	0.95 U	0.96 U	0.96 U	0.96 U
Benzaldehyde	µg/L	0.95 U	0.96 U	0.96 U	0.96 U
Benzo(a)anthracene	µg/L	0.19 U	0.19 U	0.19 U	0.19 U
Benzo(a)pyrene	µg/L	0.19 U	0.19 U	0.19 U	0.19 U
Benzo(b)fluoranthene	µg/L	0.19 U	0.19 U	0.19 U	0.19 U
Benzo(g,h,i)perylene	µg/L	0.19 U	0.19 U	0.19 U	0.19 U
Benzo(k)fluoranthene	µg/L	0.19 U	0.19 U	0.19 U	0.19 U
Biphenyl (1,1-Biphenyl)	µg/L	0.95 U	0.96 U	0.96 U	0.96 U
bis(2-Chloroethoxy)methane	µg/L	0.95 U	0.96 U	0.96 U	0.96 U
bis(2-Chloroethyl)ether	µg/L	0.95 U	0.96 U	0.96 U	0.96 U
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	4.8 U	4.8 U	4.8 U	4.8 U
Butyl benzylphthalate (BBP)	µg/L	1.9 U	1.9 U	1.9 U	1.9 U
Caprolactam	µg/L	4.8 U	4.8 U	4.8 U	4.8 U
Carbazole	µg/L	0.95 U	0.96 U	0.96 U	0.96 U
Chrysene	µg/L	0.19 U	0.19 U	0.19 U	0.19 U
Dibenz(a,h)anthracene	µg/L	0.19 U	0.19 U	0.19 U	0.19 U
Dibenzofuran	µg/L	0.95 U	0.96 U	0.96 U	0.96 U
Diethyl phthalate	µg/L	1.9 U	1.9 U	1.9 U	1.9 U
Dimethyl phthalate	µg/L	1.9 U	1.9 U	1.9 U	1.9 U
Di-n-butylphthalate (DBP)	µg/L	4.8 U	4.8 U	4.8 U	4.8 U
Di-n-octyl phthalate (DnOP)	µg/L	1.9 U	1.9 U	1.9 U	1.9 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
GROUNDWATER SAMPLING
CASCADE PAPER SITE
DEPEW, NEW YORK
SEPTEMBER 2014

Sample Location:		*MW-101*	*MW-102*	*MW-102*	*MW-103*
Sample ID:		*WG-631110-090914-SG-001*	*WG-631110-090914-SG-003*	*WG-631110-090914-SG-005*	*WG-631110-090914-DJT-008*
Sample Date:		*9/9/2014*	*9/9/2014*	*9/9/2014 (Duplicate)*	*9/9/2014*
Parameters	***Units***				
Semi-Volatile Organic Compounds-Continued					
Fluoranthene	µg/L	0.19 U	0.19 U	0.19 U	0.19 U
Fluorene	µg/L	0.19 U	0.19 U	0.19 U	0.19 U
Hexachlorobenzene	µg/L	0.19 U	0.19 U	0.19 U	0.19 U
Hexachlorobutadiene	µg/L	0.95 U	0.96 U	0.96 U	0.96 U
Hexachlorocyclopentadiene	µg/L	9.5 U	9.6 U	9.6 U	9.6 U
Hexachloroethane	µg/L	0.95 U	0.96 U	0.96 U	0.96 U
Indeno(1,2,3-cd)pyrene	µg/L	0.19 U	0.19 U	0.19 U	0.19 U
Isophorone	µg/L	0.95 U	0.96 U	0.96 U	0.96 U
Naphthalene	µg/L	0.19 U	0.19 U	0.19 U	0.19 U
Nitrobenzene	µg/L	0.95 U	0.96 U	0.96 U	0.96 U
N-Nitrosodi-n-propylamine	µg/L	0.95 U	0.96 U	0.96 U	0.96 U
N-Nitrosodiphenylamine	µg/L	0.95 U	0.96 U	0.96 U	0.96 U
Pentachlorophenol	µg/L	4.8 UJ	4.8 UJ	4.8 UJ	4.8 UJ
Phenanthrene	µg/L	0.19 U	0.19 U	0.19 U	0.19 U
Phenol	µg/L	0.95 UJ	0.95 UJ	0.95 UJ	0.96 UJ
Pyrene	µg/L	0.19 U	0.19 U	0.19 U	0.19 U
Metals					
Aluminum	µg/L	81	620	550	23 J
Antimony	µg/L	2.0 U	2.0 U	2.0 U	2.0 U
Arsenic	µg/L	2.0 J	2.3 J	1.8 J	2.2 J
Barium	µg/L	200	86	77	120
Beryllium	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Cadmium	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Calcium	µg/L	51000	65000	59000	130000
Chromium	µg/L	2.0 U	2.0 U	2.0 U	2.0 U
Cobalt	µg/L	0.95 J	0.88 J	0.70 J	0.53 J
Copper	µg/L	38	4.1 U	3.7 U	6.0
Iron	µg/L	160	2600	2200	690
Lead	µg/L	27	2.6	2.2	3.6
Magnesium	µg/L	76000	62000	57000	97000
Manganese	µg/L	220	130	120	50
Mercury	µg/L	0.20 U	0.20 U	0.20 U	0.20 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
GROUNDWATER SAMPLING
CASCADE PAPER SITE
DEPEW, NEW YORK
SEPTEMBER 2014

	Sample Location:	*MW-101*	*MW-102*	*MW-102*	*MW-103*
	Sample ID:	*WG-631110-090914-SG-001*	*WG-631110-090914-SG-003*	*WG-631110-090914-SG-005*	*WG-631110-090914-DJT-008*
	Sample Date:	*9/9/2014*	*9/9/2014*	*9/9/2014 (Duplicate)*	*9/9/2014*
Parameters	***Units***				
Metals-Continued					
Nickel	µg/L	2.0 U	2.0 U	2.0 U	2.0 U
Potassium	µg/L	2400	2900	2600	3600
Selenium	µg/L	5.0 U	0.40 J	5.0 U	5.0 U
Silver	µg/L	0.041 J	0.015 J	0.019 J	1.0 U
Sodium	µg/L	83000	55000	49000	150000
Thallium	µg/L	2.0 U	2.0 U	2.0 U	2.0 U
Vanadium	µg/L	0.89 J	2.3 J	1.9 J	5.0 U
Zinc	µg/L	48 U	20 U	20 U	20 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
GROUNDWATER SAMPLING
CASCADE PAPER SITE
DEPEW, NEW YORK
SEPTEMBER 2014

Sample Location:		***MW-104***	***MW-105***	***MW-106F***
Sample ID:		***WG-631110-090914-DJT-006***	***WG-631110-090914-SG-007***	***WG-631110-090914-DJT-004***
Sample Date:		***9/9/2014***	***9/9/2014***	***9/9/2014***
Parameters	***Units***			
Volatile Organic Compounds				
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	10 U	10 U
2-Hexanone	µg/L	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	10 U	10 U
Acetone	µg/L	10 U	10 U	10 U
Benzene	µg/L	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
GROUNDWATER SAMPLING
CASCADE PAPER SITE
DEPEW, NEW YORK
SEPTEMBER 2014

Sample Location:		***MW-104***	***MW-105***	***MW-106F***
Sample ID:		***WG-631110-090914-DJT-006***	***WG-631110-090914-SG-007***	***WG-631110-090914-DJT-004***
Sample Date:		***9/9/2014***	***9/9/2014***	***9/9/2014***
Parameters	***Units***			
Volatile Organic Compounds-Continued				
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	10 U	10 U	10 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	1.0 U	1.0 U	1.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	0.37 J
Styrene	µg/L	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	2.2
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	2.0 U	2.0 U	2.0 U
Semi-Volatile Organic Compounds				
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	0.96 U	0.96 U	0.96 U
2,4,5-Trichlorophenol	µg/L	4.8 UJ	4.8 UJ	4.8 UJ
2,4,6-Trichlorophenol	µg/L	4.8 UJ	4.8 UJ	4.8 UJ
2,4-Dichlorophenol	µg/L	1.9 UJ	1.9 UJ	1.9 UJ
2,4-Dimethylphenol	µg/L	1.9 U	1.9 U	1.9 U
2,4-Dinitrophenol	µg/L	4.8 UJ	4.8 UJ	4.8 UJ
2,4-Dinitrotoluene	µg/L	4.8 U	4.8 U	4.8 U
2,6-Dinitrotoluene	µg/L	4.8 U	4.8 U	4.8 U
2-Chloronaphthalene	µg/L	0.96 U	0.96 U	0.96 U
2-Chlorophenol	µg/L	0.96 UJ	0.96 UJ	0.96 UJ
2-Methylnaphthalene	µg/L	0.19 U	0.19 U	0.19 U
2-Methylphenol	µg/L	0.96 U	0.96 U	0.96 U
2-Nitroaniline	µg/L	1.9 U	1.9 U	1.9 U
2-Nitrophenol	µg/L	1.9 UJ	1.9 UJ	1.9 UJ
3&4-Methylphenol	µg/L	1.9 UJ	1.9 UJ	1.9 UJ
3,3'-Dichlorobenzidine	µg/L	4.8 U	4.8 U	4.8 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
GROUNDWATER SAMPLING
CASCADE PAPER SITE
DEPEW, NEW YORK
SEPTEMBER 2014

Sample Location:		***MW-104***	***MW-105***	***MW-106F***
Sample ID:		***WG-631110-090914-DJT-006***	***WG-631110-090914-SG-007***	***WG-631110-090914-DJT-004***
Sample Date:		***9/9/2014***	***9/9/2014***	***9/9/2014***
Parameters	***Units***			
Semi-Volatile Organic Compounds-Continued				
3-Nitroaniline	µg/L	1.9 U	1.9 U	1.9 U
4,6-Dinitro-2-methylphenol	µg/L	4.8 UJ	4.8 UJ	4.8 UJ
4-Bromophenyl phenyl ether	µg/L	1.9 U	1.9 U	1.9 U
4-Chloro-3-methylphenol	µg/L	1.9 UJ	1.9 UJ	1.9 UJ
4-Chloroaniline	µg/L	1.9 U	1.9 U	1.9 U
4-Chlorophenyl phenyl ether	µg/L	1.9 U	1.9 U	1.9 U
4-Nitroaniline	µg/L	1.9 U	1.9 U	1.9 U
4-Nitrophenol	µg/L	4.8 UJ	4.8 UJ	4.8 UJ
Acenaphthene	µg/L	0.19 U	0.19 U	0.19 U
Acenaphthylene	µg/L	0.19 U	0.19 U	0.19 U
Acetophenone	µg/L	0.96 U	0.96 U	0.96 U
Anthracene	µg/L	0.19 U	0.19 U	0.19 U
Atrazine	µg/L	0.96 U	0.96 U	0.96 U
Benzaldehyde	µg/L	0.96 U	0.96 U	0.96 U
Benzo(a)anthracene	µg/L	0.19 U	0.19 U	0.19 U
Benzo(a)pyrene	µg/L	0.19 U	0.19 U	0.19 U
Benzo(b)fluoranthene	µg/L	0.19 U	0.19 U	0.19 U
Benzo(g,h,i)perylene	µg/L	0.19 U	0.19 U	0.19 U
Benzo(k)fluoranthene	µg/L	0.19 U	0.19 U	0.19 U
Biphenyl (1,1-Biphenyl)	µg/L	0.96 U	0.96 U	0.96 U
bis(2-Chloroethoxy)methane	µg/L	0.96 U	0.96 U	0.96 U
bis(2-Chloroethyl)ether	µg/L	0.96 U	0.96 U	0.96 U
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	4.8 U	4.8 U	4.8 U
Butyl benzylphthalate (BBP)	µg/L	1.9 U	1.9 U	1.9 U
Caprolactam	µg/L	4.8 U	4.8 U	4.8 U
Carbazole	µg/L	0.96 U	0.96 U	0.96 U
Chrysene	µg/L	0.19 U	0.19 U	0.19 U
Dibenz(a,h)anthracene	µg/L	0.19 U	0.19 U	0.19 U
Dibenzofuran	µg/L	0.96 U	0.96 U	0.96 U
Diethyl phthalate	µg/L	1.9 U	1.9 U	1.9 U
Dimethyl phthalate	µg/L	1.9 U	1.9 U	1.9 U
Di-n-butylphthalate (DBP)	µg/L	4.8 U	4.8 U	4.8 U
Di-n-octyl phthalate (DnOP)	µg/L	1.9 U	1.9 U	1.9 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
GROUNDWATER SAMPLING
CASCADE PAPER SITE
DEPEW, NEW YORK
SEPTEMBER 2014

Sample Location:		*MW-104*	*MW-105*	*MW-106F*
Sample ID:		*WG-631110-090914-DJT-006*	*WG-631110-090914-SG-007*	*WG-631110-090914-DJT-004*
Sample Date:		*9/9/2014*	*9/9/2014*	*9/9/2014*
Parameters	***Units***			
Semi-Volatile Organic Compounds-Continued				
Fluoranthene	µg/L	0.19 U	0.19 U	0.19 U
Fluorene	µg/L	0.19 U	0.19 U	0.19 U
Hexachlorobenzene	µg/L	0.19 U	0.19 U	0.19 U
Hexachlorobutadiene	µg/L	0.96 U	0.96 U	0.96 U
Hexachlorocyclopentadiene	µg/L	9.6 U	9.6 U	9.6 U
Hexachloroethane	µg/L	0.96 U	0.96 U	0.96 U
Indeno(1,2,3-cd)pyrene	µg/L	0.19 U	0.19 U	0.19 U
Isophorone	µg/L	0.96 U	0.96 U	0.96 U
Naphthalene	µg/L	0.19 U	0.19 U	0.19 U
Nitrobenzene	µg/L	0.96 U	0.96 U	0.96 U
N-Nitrosodi-n-propylamine	µg/L	0.96 U	0.96 U	0.96 U
N-Nitrosodiphenylamine	µg/L	0.96 U	0.96 U	0.96 U
Pentachlorophenol	µg/L	4.8 UJ	4.8 UJ	4.8 UJ
Phenanthrene	µg/L	0.19 U	0.19 U	0.19 U
Phenol	µg/L	0.96 UJ	0.96 UJ	0.96 UJ
Pyrene	µg/L	0.19 U	0.19 U	0.19 U
Metals				
Aluminum	µg/L	26 J	40 J	240
Antimony	µg/L	2.0 U	2.0 U	2.0 U
Arsenic	µg/L	11	5.0 U	5.0 U
Barium	µg/L	39	160	180
Beryllium	µg/L	1.0 U	1.0 U	1.0 U
Cadmium	µg/L	1.0 U	1.0 U	1.0 U
Calcium	µg/L	77000	47000	84000
Chromium	µg/L	2.0 U	2.0 U	2.0 U
Cobalt	µg/L	1.0 U	1.0 U	1.0 U
Copper	µg/L	2.0 U	2.0 U	9.2
Iron	µg/L	560	960	270
Lead	µg/L	1.0 U	1.0 U	8.9
Magnesium	µg/L	97000	67000	87000
Manganese	µg/L	17	29	37
Mercury	µg/L	0.20 U	0.20 U	0.20 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
GROUNDWATER SAMPLING
CASCADE PAPER SITE
DEPEW, NEW YORK
SEPTEMBER 2014

	Sample Location:	***MW-104***	***MW-105***	***MW-106F***
	Sample ID:	***WG-631110-090914-DJT-006***	***WG-631110-090914-SG-007***	***WG-631110-090914-DJT-004***
	Sample Date:	***9/9/2014***	***9/9/2014***	***9/9/2014***
Parameters	***Units***			
Metals-Continued				
Nickel	µg/L	2.0 U	2.0 U	2.0 U
Potassium	µg/L	1900	3700	1100
Selenium	µg/L	5.0 U	5.0 U	0.34 J
Silver	µg/L	1.0 U	1.0 U	0.016 J
Sodium	µg/L	62000	54000	89000
Thallium	µg/L	2.0 U	2.0 U	2.0 U
Vanadium	µg/L	5.0 U	5.0 U	1.0 J
Zinc	µg/L	20 U	20 U	20 U

Notes:

U Not detected at the associated reporting limit
J Estimated concentration
UJ Not detected; associated reporting limit is estimated

TABLE 3

ANALYTICAL METHODS SUMMARY AND HOLDING TIME PERIODS
GROUNDWATER SAMPLING
CASCADES PAPER SITE
DEPEW, NEW YORK
SEPTEMBER 2014

Analyses	*Methodology* [(1)]	*Holding Time to Extraction (Days)*	*Holding Time to Analyses (Days)*
TCL VOCs	SW-846 8260C	-	14
TCL SVOCs	SW-846 8270D	7	40
TAL Metals (except Mercury)	SW-846 6020A	-	180
Mercury	SW-846 7470A	-	28

Notes:

(1) Referenced from "Test Methods for Evaluating Solid Waste", USEPA OSW, 3rd Edition, 1986 and subsequent revisions
SVOCs Semi-Volatile Organic Compounds
VOCs Volatile Organic Compounds
TCL Target Compound List
TAL Target Analyte List

TABLE 4

QUALIFIED SAMPLE RESULTS DUE TO HOLDING TIME EXCEEDANCES
GROUNDWATER SAMPLING
CASCADES PAPER SITE
DEPEW, NEW YORK
SEPTEMBER 2014

Parameter	*Sample ID*	*Holding Time (days)*	*Holding Time Criteria (days)*	*Compounds*	*Qualified Sample Results*	*Units*
SVOCs	All Samples	9	7	4-Nitrophenol	UJ	µg/L
				Phenol	UJ	µg/L
				2,4-Dichlorophenol	UJ	µg/L
				3&4-Methylphenol	UJ	µg/L
				2,4-Dinitrophenol	UJ	µg/L
				4,6-Dinitro-2-methylphenol	UJ	µg/L
				4-Chloro-3-methylphenol	UJ	µg/L
				Pentachlorophenol	UJ	µg/L
				2,4,6-Trichlorophenol	UJ	µg/L
				2-Nitrophenol	UJ	µg/L
				2-Chlorophenol	UJ	µg/L
				2,4,5-Trichlorophenol	UJ	µg/L

Notes:

SVOCs Semi-Volatile Organic Compounds
UJ Not detected; associated reporting limit is estimated

TABLE 5

QUALIFIED SAMPLE RESULTS DUE TO ANALYTE CONCENTRATIONS IN THE METHOD BLANKS
GROUNDWATER SAMPLING
CASCADES, INC.
DEPEW, NEW YORK
SEPTEMBER 2014

Parameter	*Preparation Date*	*Analyte*	*Blank Result*	*Sample ID*	*Sample Result*	*Qualified Sample Result*	*Units*
Semi-Volatile Organic Compounds	09/15/14	Caprolactam	0.376 J	WG-631110-090914-DJT-004	0.52 J	4.8 U	µg/L
				WG-631110-090914-DJT-006	0.31 J	4.8 U	µg/L
				WG-631110-090914-DJT-008	0.40 J	4.8 U	µg/L
				WG-631110-090914-SG-001	0.30 J	4.8 U	µg/L
				WG-631110-090914-SG-003	0.27 J	4.8 U	µg/L
				WG-631110-090914-SG-005	0.34 J	4.8 U	µg/L
				WG-631110-090914-SG-007	0.24 J	4.8 U	µg/L
Metals	09/15/14	Chromium	0.19 J	WG-631110-090914-DJT-006	0.17 J	2.0 U	µg/L
				WG-631110-090914-DJT-008	0.25 J	2.0 U	µg/L
				WG-631110-090914-SG-001	0.47 J	2.0 U	µg/L
				WG-631110-090914-SG-007	0.25 J	2.0 U	µg/L
Metals	09/15/14	Copper	0.88 J	WG-631110-090914-DJT-006	0.63 J	2.0 U	µg/L
				WG-631110-090914-SG-003	4.1	4.1 U	µg/L
				WG-631110-090914-SG-005	3.7	3.7 U	µg/L
				WG-631110-090914-SG-007	0.33 J	2.0 U	µg/L
Metals	09/15/14	Nickel	0.20 J	WG-631110-090914-DJT-006	0.36 J	2.0 U	µg/L
				WG-631110-090914-SG-005	0.95 J	2.0 U	µg/L
Metals	09/15/14	Antimony	0.33 J	WG-631110-090914-DJT-004	1.1 J	2.0 U	µg/L
				WG-631110-090914-DJT-006	0.14 J	2.0 U	µg/L
				WG-631110-090914-DJT-008	0.27 J	2.0 U	µg/L
				WG-631110-090914-SG-003	0.39 J	2.0 U	µg/L
				WG-631110-090914-SG-005	0.25 J	2.0 U	µg/L
				WG-631110-090914-SG-007	0.13 J	2.0 U	µg/L
Metals	09/15/14	Zinc	25	WG-631110-090914-DJT-004	20	20 U	µg/L
				WG-631110-090914-DJT-006	4.8 J	20 U	µg/L
				WG-631110-090914-DJT-008	11 J	20 U	µg/L
				WG-631110-090914-SG-001	48	48 U	µg/L
				WG-631110-090914-SG-003	17 J	20 U	µg/L
				WG-631110-090914-SG-005	16 J	20 U	µg/L
				WG-631110-090914-SG-007	18 J	20 U	µg/L

Notes:

U Not detected at the associated reporting limit
J Estimated concentration

TABLE 6

QUALIFIED SAMPLE RESULTS DUE TO ANALYTE CONCENTRATIONS IN THE EQUIPMENT BLANK
GROUNDWATER SAMPLING
CASCADES, INC.
DEPEW, NEW YORK
SEPTEMBER 2014

Parameter	*Blank Sample ID*	*Analyte*	*Blank Result*	*Associated Sample ID*	*Sample Result*	*Qualified Sample Result*	*Units*
Metals	EB-631110-090914-DJT-002	Arsenic	0.25 J	WG-631110-090914-DJT-004	0.66 J	5.0 U	µg/L
				WG-631110-090914-SG-007	0.87 J	5.0 U	µg/L
Metals	EB-631110-090914-DJT-002	Beryllium	0.040 J	WG-631110-090914-DJT-004	0.039 J	1.0 U	µg/L
				WG-631110-090914-SG-001	0.035 J	1.0 U	µg/L
				WG-631110-090914-SG-003	0.066 J	1.0 U	µg/L
				WG-631110-090914-SG-005	0.049 J	1.0 U	µg/L
Metals	EB-631110-090914-DJT-002	Cadmium	0.096 J	WG-631110-090914-DJT-004	0.10 J	1.0 U	µg/L
				WG-631110-090914-SG-001	0.21 J	1.0 U	µg/L
				WG-631110-090914-SG-003	0.12 J	1.0 U	µg/L
				WG-631110-090914-SG-005	0.034 J	1.0 U	µg/L
Metals	EB-631110-090914-DJT-002	Cobalt	0.090 J	WG-631110-090914-DJT-004	0.23 J	1.0 U	µg/L
				WG-631110-090914-DJT-006	0.20 J	1.0 U	µg/L
				WG-631110-090914-SG-007	0.37 J	1.0 U	µg/L
Metals	EB-631110-090914-DJT-002	Chromium	0.46 J	WG-631110-090914-DJT-004	1.1 J	2.0 U	µg/L
				WG-631110-090914-SG-003	1.2 J	2.0 U	µg/L
				WG-631110-090914-SG-005	1.0 J	2.0 U	µg/L
Metals	EB-631110-090914-DJT-002	Nickel	0.50 J	WG-631110-090914-DJT-004	1.4 J	2.0 U	µg/L
				WG-631110-090914-DJT-008	1.1 J	2.0 U	µg/L
				WG-631110-090914-SG-001	1.1 J	2.0 U	µg/L
				WG-631110-090914-SG-003	1.1 J	2.0 U	µg/L
				WG-631110-090914-SG-007	1.2 J	2.0 U	µg/L
Metals	EB-631110-090914-DJT-002	Lead	0.15 J	WG-631110-090914-DJT-006	0.17 J	1.0 U	µg/L
Metals	EB-631110-090914-DJT-002	Antimony	0.47 J	WG-631110-090914-SG-001	2.0	2.0 U	µg/L
Metals	EB-631110-090914-DJT-002	Thallium	1.2 J	WG-631110-090914-SG-001	0.77 J	2.0 U	µg/L
				WG-631110-090914-SG-003	0.59 J	2.0 U	µg/L
Metals	EB-631110-090914-DJT-002	Vanadium	0.16 J	WG-631110-090914-SG-007	0.15 J	5.0 U	µg/L

Notes:

U Not detected at the associated reporting limit
J Estimated concentration