



**CONESTOGA-ROVERS
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March 23, 2012

Reference No. 017360

Ms. Darlene Stringer
Michigan Department of Environmental Quality
Remediation and Redevelopment Division
350 Ottawa Avenue NW, Unit 10
Grand Rapids, Michigan 49503-2341

Dear Ms. Stringer:

Re: Fall 2011 Semi-Annual Groundwater Monitoring Report
Former Grand Rapids Metal Plant
Wyoming, Michigan

1.0 INTRODUCTION

Conestoga-Rovers & Associates (CRA) has prepared this Fall 2011 Semi-Annual Monitoring Report (Report), on behalf of Revitalizing Auto Communities Environmental Response (RACER) Trust, for the former Grand Rapids Metal Plant located at 300 36th Street S.W. in Wyoming, Michigan (Site). The purpose of the Report is to present the results of the Fall 2011 semi-annual groundwater sampling event conducted at the Site. Sampling was conducted in accordance with the 2005 Groundwater Monitoring Work Plan submitted on April 12, 2005 to the Michigan Department of Environmental Quality (MDEQ) and verbally approved on April 28, 2005.

2.0 GROUNDWATER MONITORING PROGRAM

The scope of work (SOW) for the semi-annual groundwater monitoring program conducted at the Site includes: the collection and analysis of groundwater/water samples for Target Compound List (TCL) volatile organic compounds (VOCs) from monitoring wells and culvert locations; the collection and analysis of groundwater samples from monitoring wells MW18-10, 85-5B, 85-6, and 86-1 for TCL semi-volatile organic compounds (SVOCs); the measurement of static groundwater levels in all monitoring wells; and the measurement of light non-aqueous phase liquid (LNAPL) levels in select Site monitoring wells.

The results of the implementation of the SOW are presented in the subsections below.

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2.1 FALL 2011 SEMI-ANNUAL SAMPLE COLLECTION AND ANALYSIS

A total of 55 groundwater samples, including quality assurance/quality control (QA/QC) samples, were collected from monitoring wells MW1-03 through MW7-03, MW8-04 through MW10-04, MW11S-05, MW11D-04, MW13-04 through MW15-04, MW17-06, MW18-10, MW19-11 through MW27-11, 85-1, 85-2, 85-5B, 85-6, 85-7, 86-1, 86-3, 87-1, 87-2, 87-4, 87-5, 87-8, 87-9, 87-10, 87-11, 87-13, 88-2, 88-3, 88-4, purge well 86-2, and from culvert locations C-1, C-2, and C-3 between September 22, 2011 and October 19, 2011 for analysis of TCL VOCs. In addition, samples collected from monitoring wells MW18-10, 85-5B, 85-6, and 86-1 were analyzed for TCL SVOCs. It should be noted that additional parameters were analyzed for specific locations as part of the on-going Site investigation; however, these results will be discussed under separate cover. Table 1 presents a summary of the samples collected during the Fall 2011 semi-annual sampling event.

Prior to groundwater sample collection, static water levels were measured and recorded for the monitoring wells. Well caps were unlocked and removed allowing the water levels in the wells to stabilize. Static water levels and free product levels were measured to the top of each riser. Table 2 presents static water levels for September 21, 2011. No measurable LNAPL was detected in monitoring wells MW18-10, 85-5B, 85-6, or 86-1 during the Fall 2011 semi-annual sampling event. Figure 1 presents the approximate groundwater flow direction for September 21, 2011.

Dedicated ¼-inch diameter polyethylene tubing is utilized in each of the wells to be sampled. The bottom intake of the tubing was set in the middle of the screened interval for each of the wells. All wells were purged with a peristaltic pump using low-flow purge (LFP) techniques. Wells were purged between 100 and 200 mL per minute with continuous monitoring to confirm less than 0.3 feet of drawdown of the water level. Groundwater quality measurements were recorded in consecutive timed intervals using a YSI® and HACH® turbidity meter. Groundwater quality parameters included pH, specific conductivity, temperature, dissolved oxygen (DO), oxidation-reduction potential (ORP), and turbidity. Upon groundwater stabilization, based on three consecutive similar readings, groundwater samples were collected. Groundwater quality measurements are presented in Table 3.

Water samples collected from the culvert locations C-1, C-2 and C-3 were collected using a new disposable polyethylene sampling bottle in each location.

Collected groundwater samples and water samples were containerized in laboratory-provided containers, labeled, placed on ice, and shipped under chain-of-custody (COC) protocol to TestAmerica Laboratories, Inc. (TA) located in North Canton, Ohio. Table 4 presents an



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analytical summary of parameters for groundwater and water samples collected during the Fall 2011 semi-annual sampling event.

A QA/QC data validation was conducted on the analytical data consistent with the Quality Assurance Project Plan (QAPP) for the Site. Copies of analytical data and data validation memoranda summarizing the results of the data validation will be presented under separate cover with the results of overall Fall 2011 investigation. Based on the review of the data validation memoranda, data precision and accuracy meets all accepted standards and the data contained within this report is appropriate for use and without significant anomalies. The detected concentrations are valid and reliable, with the qualifications noted, for the purposes of this investigation.

3.0 ADDITIONAL MONITORING

The next semi-annual groundwater sampling event will be conducted in conjunction with the next stage of the Site-wide investigation that is scheduled to be implemented in 2012; however, sampling activities will be dependent upon the accessibility and condition of the monitoring wells subsequent to demolition activities.

Please contact the undersigned at (269) 685-5181 or David Favero at (217) 522-6714, should you have any questions regarding this Report.

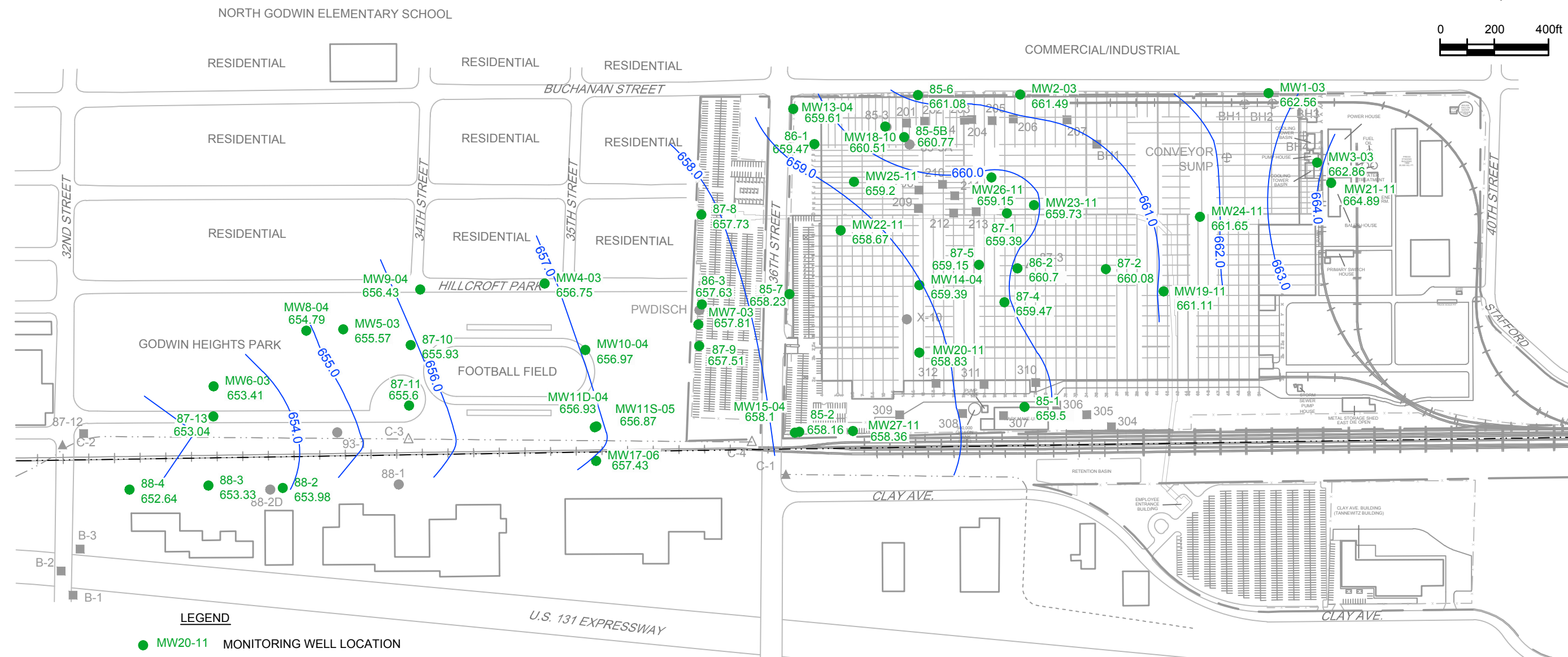
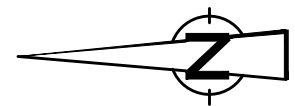
Yours truly,

CONESTOGA-ROVERS & ASSOCIATES

Jennifer L. Quigley

EJB/ds/17/Plw.
Encl.

cc: David Favero, RACER



LEGEND

- MW20-11 MONITORING WELL LOCATION
- PWDISCH PURGE WELL LOCATION
- 309 SOIL BORING LOCATION
- X-10 DESTROYED/REMOVED MONITORING WELL LOCATION
- △ C-2 CULVERT LOCATION
- △ 87-3 AIR PURGE WELL
- ⊕ BH1 APPROXIMATE LOCATION OF DEWATERING WELLS
- APPROXIMATE SITE BOUNDARY
- - - FENCE
- + - RAILROAD
- · - COLE DRAIN
- 654.0 GROUNDWATER ELEVATION CONTOUR
- 658.83 GROUNDWATER ELEVATION MEASURED SEPTEMBER - OCTOBER, 2011

SOURCE: EDI ENGINEERING & SCIENCE, JUNE 1987 AND JUNE 1988 AND EARTH TECH, SEPTEMBER 2001.

figure 1

**SEPTEMBER 21, 2011 - GROUNDWATER CONTOURS
FORMER GRAND RAPIDS METAL PLANT
Wyoming, Michigan**



TABLE 1
SAMPLE COLLECTION AND ANALYSIS SUMMARY
FALL 2011 SEMI-ANNUAL GROUNDWATER MONITORING REPORT
FORMER GRAND RAPIDS METAL PLANT
WYOMING, MICHIGAN

<u>Sample Identification</u>	<u>Sample Location</u>	<u>Matrix</u>	<u>QC Sample</u>	<u>Analysis</u>
GW-17360-092211-EM-001	87-9	Water		1
GW-17360-092211-EM-002	MW7-03	Water		1
GW-17360-092211-EM-003	MW7-03	Water	Duplicate (-003)	1
GW-17360-092211-EM-004	86-3	Water		1
GW-17360-092211-EM-005	87-8	Water		1
GW-17360-092211-EM-006	MW6-03	Water		1
GW-17360-092211-EM-007	87-13	Water		1
GW-17360-092211-EM-008	87-11	Water		1
GW-17360-092211-EM-009	87-10	Water		1
GW-17360-092211-EM-010	MW9-04	Water		1
GW-17360-092211-EM-011	MW11D-04	Water		1
GW-17360-092211-EM-012	MW11S-05	Water		1
GW-17360-092211-EM-013	MW10-04	Water		1
GW-17360-092211-EM-014	MW4-03	Water		1
GW-17360-092211-EM-015	MW8-04	Water	MS/MSD	1
GW-17360-092211-EM-016	MW5-03	Water		1
GW-17360-092211-EM-017	MW19-11	Water		1
GW-17360-092211-EM-018	MW23-11	Water		1
GW-17360-092211-EM-019	87-1	Water		1
GW-17360-092211-EM-020	MW1-03	Water		1
GW-17360-092211-EM-021	MW2-03	Water		1
GW-17360-092211-EM-022	85-6	Water		2
GW-17360-092311-EM-023	88-4	Water		1
GW-17360-092311-EM-024	88-3	Water		1
GW-17360-092311-EM-025	88-2	Water		1
GW-17360-092311-EM-026	MW17-06	Water		1
GW-17360-092311-EM-027	MW15-04	Water		1
GW-17360-092311-EM-028	85-2	Water		1
GW-17360-092311-EM-029	87-5	Water		1
GW-17360-092311-EM-030	86-2	Water		1
GW-17360-092311-EM-031	87-4	Water		1
GW-17360-092311-EM-032	MW27-11	Water		1
GW-17360-092311-EM-033	MW27-11	Water	Duplicate (-032)	1
GW-17360-092311-EM-034	MW14-04	Water		1
GW-17360-092311-EM-035	MW20-11	Water		1
GW-17360-092311-EM-036	MW22-11	Water		1
GW-17360-092311-EM-037	85-1	Water		1
GW-17360-092311-EM-038	MW3-03	Water	MS/MSD	1
GW-17360-092311-EM-039	MW21-11	Water		1
GW-17360-092911-EM-040	86-1	Water	MS/MSD	2
GW-17360-092911-EM-041	MW25-11	Water		1
GW-17360-092911-EM-042	MW18-10	Water		2
GW-17360-092911-EM-043	MW18-10	Water	Duplicate (-042)	2
GW-17360-092911-EM-044	85-5B	Water		2
GW-17360-092911-EM-045	MW26-11	Water		1
GW-17360-092911-EM-046	87-2	Water		1
GW-17360-092911-EM-047	C-1	Water		1
GW-17360-092911-EM-048	C-2	Water		1
GW-17360-092911-EM-049	C-3	Water		1
GW-17360-093011-EM-050	85-7	Water		1
GW-17360-093011-EM-051	MW13-04	Water		1
TB-17360-093011-EM-053	Trip Blank	Water		1
WG-17360-101911-JV-058	MW24-11	Water		1
WG-17360-101911-JV-059	MW24-11	Water	Duplicate (-058)	1
Tripblank-17360-101911-060	Trip Blank	Water		1

Notes:

- TCL - Target Compound List
- VOC - Volatile Organic Compounds
- SVOC - Semi-Volatile Organic Compounds
- QC - Quality Control
- MS/MSD - Matrix Spike /Matrix Spike Duplicate
- 1 - Sampling analysis includes TCL VOCs.
- 2 - Sampling analysis includes TCL SVOCs and TCL VOCs.

TABLE 2
 STATIC WATER LEVELS AND LNAPL THICKNESS
 FALL 2011 SEMI-ANNUAL GROUNDWATER MONITORING REPORT
 FORMER GRAND RAPIDS METAL PLANT
 WYOMING, MICHIGAN

<u>Location Identification</u>	<u>Thickness of Product (ft.)</u>	<u>Depth to Water (ft. BTOR)⁽¹⁾</u>
85-1		16.06
85-2		13.51
85-5B	(2)	21.48
85-6	(2)	20.12
85-7		20.16
86-1	(2)	21.64
86-2		20.87
86-3		18.68
87-1		22.15
87-2		21.19
87-4		22.07
87-5		21.90
87-8		19.66
87-9		16.09
87-10		12.25
87-11		10.90
87-13		10.81
88-2		12.06
88-3		11.35
88-4		8.85
93-1		--
PWDISCH		20.15
C-1		4.43
C-2		6.00
C-3		4.41
MW1-03		18.48
MW2-03		20.85
MW3-03		14.77
MW4-03		22.85
MW5-03		20.25
MW6-03		12.32
MW7-03		17.45
MW8-04		19.96
MW9-04		22.35
MW10-04		9.69
MW11D-04		6.61
MW11S-05		6.94
MW13-04		19.87
MW14-04		22.26
MW15-04		13.66
MW17-06		7.55
MW18-10	(2)	21.65
MW19-11		20.51
MW20-11		22.21
MW21-11		17.34
MW22-11		22.58
MW23-11		21.75
MW24-11		20.22
MW25-11		22.04
MW26-11		22.16
MW27-11		13.08

Notes:

⁽¹⁾ Depth to water measurements collected on September 21, 2011

⁽²⁾ No product was observed in the wells.
 -- No water level measurement was taken.
 ft. BTOR- Feet below top of riser

TABLE 3

GROUNDWATER QUALITY PARAMETERS
FALL 2011 SEMI-ANNUAL GROUNDWATER MONITORING REPORT
FORMER GRAND RAPIDS METAL PLANT
WYOMING, MICHIGAN

<i>Monitoring Well Location</i>	<i>Water Level (ft. BTOR)</i>	<i>Time (hours:minutes)</i>	<i>Purge Rate (mL/per min.)</i>	<i>pH (Units)</i>	<i>Temperature (°C)</i>	<i>Conductivity (mS/cm)</i>	<i>ORP (mv)</i>	<i>DO (mg/L)</i>	<i>Turbidity (NTU)</i>
MW1-03	16.05	17:45	100	7.55	15.68	0.740	163	2.62	1.66
	16.05	17:50	100	7.48	15.61	0.733	168	2.65	NA
	16.05	17:55	100	7.49	15.60	0.728	171	2.69	NA
	16.05	18:00	100	7.49	15.60	0.729	174	2.70	1.10
MW2-03	19.11	18:30	100	7.34	17.10	2.170	200	3.17	2.09
	19.11	18:35	100	7.38	16.40	2.190	200	3.48	NA
	19.11	18:40	100	7.41	16.09	2.190	200	3.51	NA
	19.11	18:45	100	7.43	16.01	2.190	200	3.52	1.24
MW3-03	13.88	15:00	100	7.41	15.79	1.206	213	3.76	1.24
	13.88	15:05	100	7.42	15.78	1.210	214	3.74	NA
	13.88	15:10	100	7.42	15.77	1.209	215	3.73	0.95
MW4-03	22.38	09:55	100	7.29	18.56	1.426	0:00	0.57	1.64
	22.38	10:00	100	7.28	18.95	1.407	237	0.53	NA
	22.38	10:05	100	7.28	18.99	1.406	236	0.53	NA
	22.38	10:10	100	7.28	19.21	1.406	234	0.52	1.01
MW5-03	20.19	11:45	100	7.57	14.86	1.328	227	3.48	1.37
	20.19	11:50	100	7.57	14.89	1.326	225	3.46	NA
	20.19	11:55	100	7.57	14.83	1.325	224	3.42	1.12
MW6-03	12.04	11:15	100	7.44	15.24	1.486	-22.5	6.20	1.46
	12.04	11:20	100	7.45	15.29	1.484	-22.3	6.19	1.22
	12.04	11:25	100	7.46	15.28	1.483	-23.0	6.24	NA
MW7-03	17.08	8:30	100	7.22	17.61	2.623	-29.0	0.75	1.39
	17.08	8:35	100	7.22	17.57	2.622	-30.1	0.72	1.41
	17.08	08:40	100	7.22	17.57	2.621	-30.3	0.70	1.12
MW8-04	19.54	11:10	100	7.36	15.38	1.570	213	2.76	0.90
	19.54	11:15	100	7.41	15.39	1.560	215	2.82	NA
	19.54	11:20	100	7.4	15.27	1.560	216	2.75	0.85
MW9-04	21.93	15:55	100	7.53	14.18	1.391	-30.0	5.06	1.20
	21.93	16:00	100	7.53	14.17	1.392	-29.9	5.04	1.04
	21.93	16:05	100	7.53	14.16	1.392	-29.8	5.03	NA
MW10-04	9.33	09:20	100	7.19	17.12	2.030	273	0.18	1.17
	9.33	09:25	100	7.23	17.13	2.040	272	0.19	NA
	9.33	09:30	100	7.25	17.17	2.040	272	0.18	0.92
MW11D-04	6.37	08:05	100	7.39	16.26	1.870	270	0.19	1.24
	6.37	08:10	100	7.35	16.18	1.820	273	0.12	NA
	6.37	08:15	100	7.30	16.13	1.800	274	0.11	NA
	6.37	08:20	100	7.30	16.10	1.790	274	0.12	1.01
MW11S-05	6.73	8:35	100	6.97	17.67	1.810	282	0.08	6.29

TABLE 3

GROUNDWATER QUALITY PARAMETERS
FALL 2011 SEMI-ANNUAL GROUNDWATER MONITORING REPORT
FORMER GRAND RAPIDS METAL PLANT
WYOMING, MICHIGAN

<i>Monitoring Well Location</i>	<i>Water Level (ft. BTOR)</i>	<i>Time (hours:minutes)</i>	<i>Purge Rate (mL/per min.)</i>	<i>pH (Units)</i>	<i>Temperature (°C)</i>	<i>Conductivity (mS/cm)</i>	<i>ORP (mv)</i>	<i>DO (mg/L)</i>	<i>Turbidity (NTU)</i>
MW1-03	16.05	17:45	100	7.55	15.68	0.740	163	2.62	1.66
	6.73	08:40	100	6.95	18.92	1.820	282	0.08	5.44
	6.73	08:45	100	6.94	18.31	1.830	281	0.07	4.87
MW13-04	18.65	10:40	150	7.62	13.70	1.796	-17.9	6.24	1.41
	18.65	10:45	150	7.62	13.70	1.796	-17.3	6.27	NA
	18.65	10:52	150	7.62	13.70	1.796	-16.7	6.30	NA
MW14-04	21.71	11:20	100	7.42	17.00	1.870	204	0.66	2.38
	21.71	11:25	100	7.41	17.01	1.870	204	0.64	NA
	21.71	11:30	100	7.41	17.00	1.870	204	0.66	1.41
MW15-04	13.68	12:20	100	8.14	16.94	2.331	-78.5	0.52	6.38
	13.68	12:25	100	8.11	16.90	2.333	-78.6	0.52	5.83
	13.68	12:30	100	8.10	16.89	2.336	-78.7	0.53	5.65
MW17-06	8.48	10:40	150	8.19	15.37	1.630	-68.1	0.40	1.99
	8.48	10:45	150	8.19	15.39	1.630	-68.2	0.41	1.35
	8.48	10:50	150	8.20	15.39	1.630	-68.6	0.40	1.01
MW18-10	20.15	10:57	200	7.05	16.36	1.250	-178.8	5.50	1.32
	20.15	11:02	200	7.05	16.33	1.250	-180.1	5.60	1.32
	20.15	11:07	200	7.05	16.30	1.250	-180.4	5.50	1.32
MW19-11	19.79	14:40	100	7.52	15.87	1.217	263	3.95	1.01
	19.79	14:45	100	7.54	15.82	1.216	265	3.95	NA
	19.79	14:50	100	7.55	15.80	1.216	266	3.95	0.93
MW20-11	22.01	13:20	100	6.92	16.56	1.460	206.0	0.10	2.35
	22.01	13:25	100	6.92	16.50	1.460	206.0	0.09	NA
	22.01	13:30	100	6.89	16.56	1.460	206	0.09	1.74
MW21-11	17.36	15:50	100	7.40	17.30	1.164	224	2.66	1.45
	17.36	15:55	100	7.41	17.33	1.165	225	2.66	NA
	17.36	16:00	100	7.41	17.35	1.165	225	2.66	1.07
MW22-11	22.30	13:55	100	7.21	14.97	1.299	199	2.15	1.94
	22.30	14:00	100	7.20	14.79	1.298	199	2.15	NA
	22.30	14:05	100	7.20	14.75	1.296	197	2.14	1.62
MW23-11	21.18	15:35	100	7.44	18.78	1.580	262	0.43	2.37
	21.18	15:40	100	7.43	18.82	1.580	255	0.27	NA
	21.18	15:45	100	7.43	18.88	1.580	241	0.17	NA
	21.18	15:50	100	7.43	18.93	1.580	236	0.16	NA
	21.18	15:55	100	7.43	18.98	1.580	233	0.16	1.02

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 FORMER GRAND RAPIDS METAL PLANT
 WYOMING, MICHIGAN

<i>Monitoring Well Location</i>	<i>Water Level (ft. BTOR)</i>	<i>Time (hours:minutes)</i>	<i>Purge Rate (mL/per min.)</i>	<i>pH (Units)</i>	<i>Temperature (°C)</i>	<i>Conductivity (mS/cm)</i>	<i>ORP (mv)</i>	<i>DO (mg/L)</i>	<i>Turbidity (NTU)</i>
MW1-03	16.05	17:45	100	7.55	15.68	0.740	163	2.62	1.66
MW25-11	21.39	10:10	150	7.31	15.99	0.999	11.8	5.50	4.68
	21.39	10:15	150	7.31	16.01	0.999	11.4	5.70	4.58
	21.39	10:20	150	7.32	16.05	0.999	11.2	6.10	4.91
MW26-11	21.64	14:16	150	7.70	17.91	1.741	-115.4	0.39	2.01
	21.64	14:21	150	7.69	17.91	1.741	-115.6	0.39	2.01
	21.64	14:26	150	7.69	17.9	1.741	-115.3	0.38	2.01
MW27-11	13.00	13:35	100	7.73	16.89	1.883	-46.1	0.51	2.39
	13.00	13:40	100	7.73	16.88	1.883	-46.2	0.51	2.12
	13.00	13:45	100	7.72	16.87	1.884	-46.9	0.50	2.03
85-1	15.68	14:45	150	7.38	16.76	0.901	-76.6	0.80	3.65
	15.68	14:50	150	7.38	16.79	0.900	-76.1	0.79	2.66
	15.68	14:55	150	7.39	16.77	0.900	-75.4	0.78	2.84
85-2	13.68	12:55	100	7.90	17.79	2.162	-68.9	0.20	2.97
	13.68	13:00	100	7.89	17.72	2.163	-69.3	0.21	1.50
	13.68	13:05	100	7.88	17.74	2.162	-69.4	0.21	1.48
85-5B	20.09	12:50	150	7.78	17.61	1.231	-125.0	0.78	3.84
	20.09	12:55	150	7.78	17.61	1.231	-125.0	0.80	3.32
	20.09	13:00	150	7.78	17.60	1.233	-124.9	0.80	3.70
85-6	18.53	19:05	100	7.54	15.88	2.090	202	3.50	68.50
	18.53	19:10	100	6.53	15.90	2.090	203	3.16	86.00
	18.53	19:15	100	7.52	15.86	2.090	203	3.21	74.70
	18.53	19:20	100	7.51	15.72	2.070	202	3.23	65.40
	18.53	19:25	100	7.51	15.61	2.070	202	3.24	53.80
	18.53	19:30	100	7.51	15.54	2.070	202	3.24	39.90
85-7	19.55	9:18	100	7.72	16.66	2.561	19.2	1.22	1.83
	19.55	9:28	100	7.68	16.60	2.563	4.3	1.22	NA
	19.55	9:35	100	7.66	16.55	2.561	-3.3	1.22	NA
86-1	20.52	11:40	100	7.48	15.25	1.240	9.2	6.48	12.2
	20.52	11:45	100	7.49	15.26	1.240	9.3	6.43	12.6
	20.52	11:50	100	7.49	15.28	1.242	9.4	6.46	12.7
86-2	20.25	08:30	100	7.65	17.55	1.262	265	0.14	80.5
	20.27	08:35	100	7.71	17.56	1.261	261	0.13	78.1
	20.25	8:40	100	7.78	17.56	1.261	257	0.13	82.0
	20.25	08:45	100	7.81	17.58	1.261	253	0.13	85.0
86-3	19.48	09:15	100	7.54	18.62	1.579	-67.4	0.19	1.59
	19.48	09:20	100	7.53	18.63	1.583	-67.6	0.19	1.46
	19.48	09:25	100	7.52	18.59	1.581	-68.1	0.18	1.20

TABLE 3

GROUNDWATER QUALITY PARAMETERS
FALL 2011 SEMI-ANNUAL GROUNDWATER MONITORING REPORT
FORMER GRAND RAPIDS METAL PLANT
WYOMING, MICHIGAN

<i>Monitoring Well Location</i>	<i>Water Level (ft. BTOR)</i>	<i>Time (hours:minutes)</i>	<i>Purge Rate (mL/per min.)</i>	<i>pH (Units)</i>	<i>Temperature (°C)</i>	<i>Conductivity (mS/cm)</i>	<i>ORP (mv)</i>	<i>DO (mg/L)</i>	<i>Turbidity (NTU)</i>
MW1-03 87-1	16.05	17:45	100	7.55	15.68	0.740	163	2.62	1.66
	21.38	15:55	100	7.49	19.25	1.395	143	0.11	1.24
	21.38	16:00	100	7.52	19.30	1.389	131	0.10	NA
	21.38	16:05	100	7.46	19.28	1.387	126	0.09	NA
	21.38	16:10	100	7.49	19.29	1.386	123	0.09	NA
87-2	20.83	15:25	200	7.75	16.77	1.294	-51.1	0.32	2.83
	20.83	15:30	200	7.75	16.78	1.296	-53.6	0.29	NA
	20.83	15:35	200	7.73	16.77	1.299	-56.2	0.29	NA
87-4	21.64	09:45	100	7.50	17.07	2.150	226	2.73	4.03
	21.64	09:50	100	7.49	17.04	2.150	225	2.25	NA
	21.64	9:55	100	7.49	17.01	2.150	223	2.70	2.00
87-5	21.62	10:35	100	7.59	17.75	1.062	198	0.18	4.56
	21.62	10:40	100	7.59	17.83	1.061	198	0.18	NA
	21.62	10:45	100	7.59	17.88	1.065	195	0.18	3.13
87-8	19.05	09:40	100	7.38	17.56	1.794	-32.1	4.79	2.00
	19.05	09:45	100	7.37	17.59	1.793	-32.1	4.77	1.81
	19.05	9:50	100	7.37	17.56	1.794	-31.9	4.79	1.60
87-9	15.58	08:00	150	6.96	17.89	1.435	-21.7	0.51	2.58
	15.58	08:05	150	7.09	17.91	1.453	-28.3	0.51	2.25
	15.58	08:10	150	7.29	18.08	1.510	-36.1	1.33	2.29
	15.58	08:15	150	7.29	18.07	1.512	-36.0	1.37	2.19
	15.58	08:20	150	7.29	18.07	1.515	-35.8	1.39	2.25
87-10	11.99	15:00	150	7.62	17.80	1.826	-62.8	0.23	1.38
	11.99	15:05	150	7.61	17.86	1.825	-62.9	0.23	1.47
	11.99	15:10	150	7.61	17.88	1.825	-63.2	0.23	1.23
87-11	10.75	14:30	100	7.62	16.87	1.564	-74.4	0.31	4.84
	10.75	14:35	100	7.62	16.92	1.565	-73.9	0.31	4.48
	10.75	14:40	100	7.62	16.92	1.565	-73.8	0.3	4.15
87-13	10.68	11:35	100	7.41	15.80	2.294	-39.2	1.81	0.88
	10.68	11:40	100	7.43	15.99	2.297	-42	1.71	NA
	10.68	11:45	100	7.43	16.00	2.300	-42.3	1.76	NA
	10.68	11:50	100	7.43	15.99	2.301	-42.9	1.77	NA
88-2	11.97	9:40	100	7.58	18.19	1.287	-72.9	0.21	0.94
	11.97	9:45	100	7.59	18.20	1.287	-73.1	0.20	NA
	11.97	9:50	100	7.59	18.22	1.288	-73.8	0.19	NA

TABLE 3

GROUNDWATER QUALITY PARAMETERS
 FALL 2011 SEMI-ANNUAL GROUNDWATER MONITORING REPORT
 FORMER GRAND RAPIDS METAL PLANT
 WYOMING, MICHIGAN

<i>Monitoring Well Location</i>	<i>Water Level (ft. BTOR)</i>	<i>Time (hours:minutes)</i>	<i>Purge Rate (mL/per min.)</i>	<i>pH (Units)</i>	<i>Temperature (°C)</i>	<i>Conductivity (mS/cm)</i>	<i>ORP (mv)</i>	<i>DO (mg/L)</i>	<i>Turbidity (NTU)</i>
MW1-03	16.05	17:45	100	7.55	15.68	0.740	163	2.62	1.66
88-3	11.10	8:50	100	7.79	16.48	0.671	-6.4	4.01	1.17
	11.10	8:55	100	7.79	16.48	0.671	-6.5	4.02	1.50
	11.10	9:00	100	7.80	16.48	0.671	-6.6	4.00	1.43
88-4	8.68	08:25	100	7.66	15.62	1.771	-14.7	0.46	0.89
	8.68	08:30	100	7.66	15.62	1.770	-14.7	0.46	NA
	8.68	08:35	100	7.68	15.60	1.770	-14.7	0.47	NA

Notes:

ft. BTOR - feet below top of riser

NA - Not Available

TABLE 4
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
FALL 2011 SEMI-ANNUAL GROUNDWATER MONITORING REPORT
FORMER GRAND RAPIDS METAL PLANT
WYOMING, MICHIGAN

Sample Location	85-1	85-2	85-5B	85-6	85-7	86-1	86-2	86-3	87-1	87-2	87-4	87-5	87-8	87-9
Sample Identification	GW-17360-092311-EM-037	GW-17360-092311-EM-028	GW-17360-092911-EM-044	GW-17360-092211-EM-022	GW-17360-093011-EM-050	GW-17360-092911-EM-040	GW-17360-092311-EM-030	GW-17360-092211-EM-004	GW-17360-092211-EM-019	GW-17360-092911-EM-046	GW-17360-092311-EM-031	GW-17360-092311-EM-029	GW-17360-092211-EM-005	GW-17360-092211-EM-001
Sample Date	9/23/2011	9/23/2011	9/29/2011	9/22/2011	9/30/2011	9/29/2011	9/23/2011	9/22/2011	9/22/2011	9/29/2011	9/23/2011	9/23/2011	9/22/2011	9/22/2011
Sample Type														
Units														
Cyclohexane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	mg/L	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 UJ	0.001 UJ	0.001 U	0.001 U	0.001 UJ	0.001 UJ	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 UJ	0.001 U	0.001 UJ	0.001 U	0.001 UJ	0.001 UJ
Ethylbenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Isopropyl benzene	mg/L	0.001 U	0.001 U	0.00042 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	0.01 UJ	0.01 UJ	0.01 U	0.01 UJ	0.01 U	0.01 U	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 U	0.01 UJ	0.01 UJ
Methyl cyclohexane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	0.005 U	0.005 U	0.0003 J	0.00032 J	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Methylene chloride	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Styrene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	0.001 U	0.001 U	0.00096 J	0.0013	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.00037 J	0.001 U
Toluene	mg/L	0.001 U	0.00019 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.006	0.0026	0.001 U	0.0011	0.001 U
trans-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 UJ	0.001 UJ	0.001 U	0.001 UJ	0.001 UJ	0.001 UJ	0.001 U	0.001 U	0.001 U
Trichloroethene	mg/L	0.001 U	0.001 U	0.00043 J	0.001 U	0.0019	0.001 U	0.0034	0.0042	0.013	0.015	0.0038	0.0017	0.0012
Trichlorofluoromethane (CFC-11)	mg/L	0.001 UJ	0.001 UJ	0.001 U	0.001 UJ	0.001 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 UJ	0.001 U
Trifluorotrchloroethane (Freon 113)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.00088 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0021	0.0026	0.001 U	0.00023 J	0.001 U
Xylenes (total)	mg/L	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

Notes:
U - Not present at or above the associated value.
J - Estimated concentration.
UJ - Estimated reporting limit.
R - Rejected.

TABLE 4
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
FALL 2011 SEMI-ANNUAL GROUNDWATER MONITORING REPORT
FORMER GRAND RAPIDS METAL PLANT
WYOMING, MICHIGAN

Sample Location	87-10	87-11	87-13	88-2	88-3	88-4	C-1	C-2	C-3	MW1-03	MW2-03	MW3-03	MW4-03	MW5-03
Sample Identification	GW-17360-092211-EM-009	GW-17360-092211-EM-008	GW-17360-092211-EM-007	GW-17360-092311-EM-025	GW-17360-092311-EM-024	GW-17360-092311-EM-023	GW-17360-092911-EM-047	GW-17360-092911-EM-048	GW-17360-092911-EM-049	GW-17360-092211-EM-020	GW-17360-092211-EM-021	GW-17360-092311-EM-038	GW-17360-092211-EM-014	GW-17360-092211-EM-016
Sample Date	9/22/2011	9/22/2011	9/23/2011	9/23/2011	9/23/2011	9/23/2011	9/29/2011	9/29/2011	9/29/2011	9/22/2011	9/22/2011	9/23/2011	9/22/2011	9/22/2011
Sample Type														
Units														
Cyclohexane	mg/L 0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0091 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	mg/L 0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 UJ	0.001 UJ	0.0091 U	0.001 U	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L 0.001 UJ	0.001 UJ	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0091 U	0.001 U	0.001 U	0.001 UJ	0.001 UJ
Ethylbenzene	mg/L 0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0091 U	0.001 U	0.001 U	0.001 U	0.001 U
Isopropyl benzene	mg/L 0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0091 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L 0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.091 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ
Methyl cyclohexane	mg/L 0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0091 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L 0.00075 J	0.00022 J	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.045 U	0.005 U	0.005 U	0.00035 J	0.00026 J
Methylene chloride	mg/L 0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.045 U	0.005 U	0.005 U	0.005 U	0.005 U
Styrene	mg/L 0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.00027 J	0.00013 J	0.001 U	0.0091 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	mg/L 0.00048 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.00057 J	0.00032 J	0.001 U	0.18	0.005	0.027 J	0.00046 J	0.00057 J
Toluene	mg/L 0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0091 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L 0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0091 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L 0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 UJ	0.001 UJ	0.0091 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	mg/L 0.0049	0.017	0.00045 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0023 J	0.001 U	0.0017	0.00028 J	0.00056 J
Trichlorofluoromethane (CFC-11)	mg/L 0.001 U	0.001 U	0.001 UJ	0.001 UJ	0.001 UJ	0.001 UJ	0.001 UJ	0.001 UJ	0.001 UJ	0.0091 UJ	0.001 UJ	0.001 UJ	0.001 UJ	0.001 UJ
Trifluorotrchloroethane (Freon 113)	mg/L 0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0091 U	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L 0.001 U	0.0019	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0091 U	0.001 U	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L 0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.00071 J	0.0006 J	0.002 U	0.018 U	0.002 U	0.002 U	0.002 U	0.002 U

Notes:
U - Not present at or above the associated value.
J - Estimated concentration.
UJ - Estimated reporting limit.
R - Rejected.

TABLE 4
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
FALL 2011 SEMI-ANNUAL GROUNDWATER MONITORING REPORT
FORMER GRAND RAPIDS METAL PLANT
WYOMING, MICHIGAN

Sample Location	MW6-03	MW7-03	MW7-03	MW8-04	MW9-04	MW10-04	MW11D-04	MW11S-05	MW13-04	MW14-04	MW15-04	MW17-06	MW18-10	MW18-10
Sample Identification	GW-17360-092211-EM-006	GW-17360-092211-EM-002	GW-17360-092211-EM-003	GW-17360-092211-EM-015	GW-17360-092211-EM-010	GW-17360-092211-EM-013	GW-17360-092211-EM-011	GW-17360-092211-EM-012	GW-17360-093011-EM-051	GW-17360-092311-EM-034	GW-17360-092311-EM-027	GW-17360-092311-EM-026	GW-17360-092911-EM-042	GW-17360-092911-EM-043
Sample Date	9/22/2011	9/22/2011	9/22/2011	9/22/2011	9/22/2011	9/22/2011	9/22/2011	9/22/2011	9/30/2011	9/23/2011	9/23/2011	9/23/2011	9/29/2011	9/29/2011
Sample Type			Duplicate											Duplicate
Units														
<i>Semi-Volatile Organic Compounds</i>														
2,2-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/L	--	--	--	--	--	--	--	--	--	--	--	0.0095 U	0.0095 U
2,4,5-Trichlorophenol	mg/L	--	--	--	--	--	--	--	--	--	--	--	0.0095 U	0.0095 U
2,4,6-Trichlorophenol	mg/L	--	--	--	--	--	--	--	--	--	--	--	0.0076 U	0.0076 U
2,4-Dichlorophenol	mg/L	--	--	--	--	--	--	--	--	--	--	--	0.019 U	0.019 U
2,4-Dimethylphenol	mg/L	--	--	--	--	--	--	--	--	--	--	--	0.0095 U	0.0095 U
2,4-Dinitrophenol	mg/L	--	--	--	--	--	--	--	--	--	--	--	0.038 U	0.038 U
2,4-Dinitrotoluene	mg/L	--	--	--	--	--	--	--	--	--	--	--	0.0095 U	0.0095 U
2,6-Dinitrotoluene	mg/L	--	--	--	--	--	--	--	--	--	--	--	0.0095 U	0.0095 U
2-Chloronaphthalene	mg/L	--	--	--	--	--	--	--	--	--	--	--	0.0095 U	0.0095 U
2-Chlorophenol	mg/L	--	--	--	--	--	--	--	--	--	--	--	0.0095 U	0.0095 U
2-Methylnaphthalene	mg/L	--	--	--	--	--	--	--	--	--	--	--	0.0095 U	0.0095 U
2-Methylphenol	mg/L	--	--	--	--	--	--	--	--	--	--	--	0.0095 U	0.0095 U
2-Nitroaniline	mg/L	--	--	--	--	--	--	--	--	--	--	--	0.038 U	0.038 U
2-Nitrophenol	mg/L	--	--	--	--	--	--	--	--	--	--	--	0.0095 U	0.0095 U
3,6,4-Methylphenol	mg/L	--	--	--	--	--	--	--	--	--	--	--	0.0095 U	0.0095 U
3,3'-Dichlorobenzidine	mg/L	--	--	--	--	--	--	--	--	--	--	--	0.0019 U	0.0019 U
3-Nitroaniline	mg/L	--	--	--	--	--	--	--	--	--	--	--	0.038 U	0.038 U
4,6-Dinitro-2-methylphenol	mg/L	--	--	--	--	--	--	--	--	--	--	--	0.038 U	0.038 U
4-Bromophenyl phenyl ether	mg/L	--	--	--	--	--	--	--	--	--	--	--	0.0095 U	0.0095 U
4-Chloro-3-methylphenol	mg/L	--	--	--	--	--	--	--	--	--	--	--	0.0095 U	0.0095 U
4-Chloroaniline	mg/L	--	--	--	--	--	--	--	--	--	--	--	0.019 U	0.019 U
4-Chlorophenyl phenyl ether	mg/L	--	--	--	--	--	--	--	--	--	--	--	0.0095 U	0.0095 U
4-Nitroaniline	mg/L	--	--	--	--	--	--	--	--	--	--	--	0.038 U	0.038 U
4-Nitrophenol	mg/L	--	--	--	--	--	--	--	--	--	--	--	0.038 U	0.038 U
Acenaphthene	mg/L	--	--	--	--	--	--	--	--	--	--	--	0.0095 U	0.0095 U
Acenaphthylene	mg/L	--	--	--	--	--	--	--	--	--	--	--	0.0095 U	0.0095 U
Acetophenone	mg/L	--	--	--	--	--	--	--	--	--	--	--	0.0095 U	0.0095 U
Anthracene	mg/L	--	--	--	--	--	--	--	--	--	--	--	0.0095 U	0.0095 U
Atrazine	mg/L	--	--	--	--	--	--	--	--	--	--	--	0.0057 U	0.0057 U
Benzaldehyde	mg/L	--	--	--	--	--	--	--	--	--	--	--	0.0095 U	0.0095 U
Benzo(a)anthracene	mg/L	--	--	--	--	--	--	--	--	--	--	--	0.0019 U	0.0019 U
Benzo(a)pyrene	mg/L	--	--	--	--	--	--	--	--	--	--	--	0.0019 U	0.0019 U
Benzo(b)fluoranthene	mg/L	--	--	--	--	--	--	--	--	--	--	--	0.0019 U	0.0019 U
Benzo(g,h,i)perylene	mg/L	--	--	--	--	--	--	--	--	--	--	--	0.0019 U	0.0019 U
Benzo(k)fluoranthene	mg/L	--	--	--	--	--	--	--	--	--	--	--	0.0019 U	0.0019 U
Biphenyl (1,1-Biphenyl)	mg/L	--	--	--	--	--	--	--	--	--	--	--	0.0095 U	0.0095 U
bis(2-Chloroethoxy)methane	mg/L	--	--	--	--	--	--	--	--	--	--	--	0.0095 U	0.0095 U
bis(2-Chloroethyl)ether	mg/L	--	--	--	--	--	--	--	--	--	--	--	0.0019 U	0.0019 U
bis(2-Ethylhexyl)phthalate (DEHP)	mg/L	--	--	--	--	--	--	--	--	--	--	--	0.0095 U	0.0095 U
Butyl benzylphthalate (BBP)	mg/L	--	--	--	--	--	--	--	--	--	--	--	0.0095 U	0.0095 U
Caprolactam	mg/L	--	--	--	--	--	--	--	--	--	--	--	0.019 U	0.019 U
Carbazole	mg/L	--	--	--	--	--	--	--	--	--	--	--	0.019 U	0.019 U
Chrysene	mg/L	--	--	--	--	--	--	--	--	--	--	--	0.0019 U	0.0019 U
Dibenz(a,h)anthracene	mg/L	--	--	--	--	--	--	--	--	--	--	--	0.0038 U	0.0038 U
Dibenzofuran	mg/L	--	--	--	--	--	--	--	--	--	--	--	0.0076 U	0.0076 U
Diethyl phthalate	mg/L	--	--	--	--	--	--	--	--	--	--	--	0.0095 U	0.0095 U
Dimethyl phthalate	mg/L	--	--	--	--	--	--	--	--	--	--	--	0.0095 U	0.0095 U
Di-n-butylphthalate (DBP)	mg/L	--	--	--	--	--	--	--	--	--	--	--	0.0095 U	0.0095 U
Di-n-octyl phthalate (DnOP)	mg/L	--	--	--	--	--	--	--	--	--	--	--	0.0095 U	0.0095 U
Fluoranthene	mg/L	--	--	--	--	--	--	--	--	--	--	--	0.0019 U	0.0019 U
Fluorene	mg/L	--	--	--	--	--	--	--	--	--	--	--	0.0095 U	0.0095 U
Hexachlorobenzene	mg/L	--	--	--	--	--	--	--	--	--	--	--	0.00038 U	0.00038 U
Hexachlorobutadiene	mg/L	--	--	--	--	--	--	--	--	--	--	--	0.0019 U	0.0019 U
Hexachlorocyclopentadiene	mg/L	--	--	--	--	--	--	--	--	--	--	--	0.0095 U	0.0095 U
Hexachloroethane	mg/L	--	--	--	--	--	--	--	--	--	--	--	0.0095 U	0.0095 U
Indeno(1,2,3-cd)pyrene	mg/L	--	--	--	--	--	--	--	--	--	--	--	0.0038 U	0.0038 U
Isophorone	mg/L	--	--	--	--	--	--	--	--	--	--	--	0.0095 U	0.0095 U
Naphthalene	mg/L	--	--	--	--	--	--	--	--	--	--	--	0.0095 U	0.0095 U
Nitrobenzene	mg/L	--	--	--	--	--	--	--	--	--	--	--	0.0057 U	0.0057 U
N-Nitrosodi-n-propylamine	mg/L	--	--	--	--	--	--	--	--	--	--	--	0.0095 U	0.0095 U
N-Nitrosodiphenylamine	mg/L	--	--	--	--	--	--	--	--	--	--	--	0.0095 U	0.0095 U
Pentachlorophenol	mg/L	--	--	--	--	--	--	--	--	--	--	--	0.0095 U	0.0095 U
Phenanthrene	mg/L	--	--	--	--	--	--	--	--	--	--	--	0.0038 U	0.0038 U
Phenol	mg/L	--	--	--	--	--	--	--	--	--	--	--	0.0095 U	0.0095 U
Pyrene	mg/L	--	--	--	--	--	--	--	--	--	--	--	0.0095 U	0.0095 U
<i>Volatile Organic Compounds</i>														
1,1,1-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0045	0.0017 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	0.001 UJ	0.001 UJ	0.001 UJ	0.001 UJ	0.001 U	0.001 UJ	0.001 UJ	0.001 UJ	0.001 UJ	0.001 UJ	0.001 UJ	0.0017 UJ	0.001 U
1,1,2-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0017 U	0.001 U
1,1-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.00026 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0017 U	0.001 U
1,1-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0017 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0017 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.0017 U	0.001 UJ
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0017 U	0.001 U
1,2-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0017 U	0.001 U
1,2-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0017 U	0.001 U
1,2-Dichloropropane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0017 U	0.001 U
1,3-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0017 U	0.001 U
1,4-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0017 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.017 UJ	0.01 U
2-Hexanone	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.017 U	0.01 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.017 U	0.01 U
Acetone	mg/L	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.017 UJ	0.01 U
Benzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0017 U	0.001 U
Bromodichloromethane	mg/L	0.001 U	0.001 U	0.001 U										

TABLE 4
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
FALL 2011 SEMI-ANNUAL GROUNDWATER MONITORING REPORT
FORMER GRAND RAPIDS METAL PLANT
WYOMING, MICHIGAN

Sample Location	MW8-03	MW7-03	MW7-03	MW8-04	MW9-04	MW10-04	MW11D-04	MW11S-05	MW13-04	MW14-04	MW15-04	MW17-06	MW18-10	MW18-10
Sample Identification	GW-17360-092211-EM-006	GW-17360-092211-EM-002	GW-17360-092211-EM-003	GW-17360-092211-EM-015	GW-17360-092211-EM-010	GW-17360-092211-EM-013	GW-17360-092211-EM-011	GW-17360-092211-EM-012	GW-17360-093011-EM-051	GW-17360-092311-EM-034	GW-17360-092311-EM-027	GW-17360-092311-EM-026	GW-17360-092911-EM-042	GW-17360-092911-EM-043
Sample Date	9/22/2011	9/22/2011	9/22/2011	9/22/2011	9/22/2011	9/22/2011	9/22/2011	9/22/2011	9/30/2011	9/23/2011	9/23/2011	9/23/2011	9/29/2011	9/29/2011
Sample Type	<i>Duplicate</i>													
	<i>Units</i>													
Cyclohexane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0017 U	0.001 U	0.001 U
Dibromochloromethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	0.0017 U	0.001 UJ	0.001 UJ
Dichlorodifluoromethane (CFC-12)	mg/L	0.001 UJ	0.001 UJ	0.001 UJ	0.001 UJ	0.001 UJ	0.001 UJ	0.001 UJ	0.001 U	0.001 U	0.001 U	0.0017 U	0.001 U	0.001 U
Ethylbenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0017 U	0.001 U	0.001 U
Isopropyl benzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0017 U	0.001 U	0.001 U
Methyl acetate	mg/L	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.017 UJ	0.01 UJ	0.01 UJ
Methyl cyclohexane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0017 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	0.005 U	0.005 U	0.005 U	0.00035 J	0.00024 J	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.0084 U	0.00017 J	0.005 U
Methylene chloride	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.0084 U	0.005 U	0.005 U
Styrene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0017 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.0003 J	0.00042 J	0.001 U	0.00041 J	0.001 U	0.00034 J	0.001 U	0.019	0.0007 J	0.00071 J
Toluene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0017 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.00033 J	0.001 U	0.001 U	0.001 U	0.001 U	0.00062 J	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	0.0017 U	0.001 UJ	0.001 UJ
Trichloroethene	mg/L	0.001 U	0.0013	0.0013	0.00017 J	0.00028 J	0.0028	0.001	0.00028 J	0.00022 J	0.0023	0.0032	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 UJ	0.001 UJ	0.0017 UJ	0.001 U	0.001 U
Trifluorotrchloroethane (Freon 113)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0017 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0017 U	0.001 U	0.001 U
Xylenes (total)	mg/L	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.0033 U	0.002 U	0.002 U

Notes:
U - Not present at or above the associated value.
J - Estimated concentration.
UJ - Estimated reporting limit.
R - Rejected.

TABLE 4
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
FALL 2011 SEMI-ANNUAL GROUNDWATER MONITORING REPORT
FORMER GRAND RAPIDS METAL PLANT
WYOMING, MICHIGAN

Sample Location		MW19-11	MW20-11	MW21-11	MW22-11	MW23-11	MW24-11	MW24-11	MW25-11	MW26-11	MW27-11	MW27-11	Trip Blank	Trip Blank	Trip Blank	Trip Blank
Sample Identification		GW-17360-092211-EM-017	GW-17360-092311-EM-035	GW-17360-092311-EM-039	GW-17360-092311-EM-036	GW-17360-092211-EM-018	WG-17360-101911-JV-058	WG-17360-101911-JV-059	GW-17360-092911-EM-041	GW-17360-092911-EM-045	GW-17360-092311-EM-032	GW-17360-092311-EM-033	TB-17360-092311-EM	TRIP BLANK-17360-093011-EM-053	TB-17360-100411-EM	TRIP BLANK-17360-101911-060
Sample Date		9/23/2011	9/23/2011	9/23/2011	9/23/2011	9/23/2011	10/19/2011	10/19/2011	9/23/2011	9/29/2011	9/23/2011	9/23/2011	9/23/2011	9/30/2011	10/4/2011	10/19/2011
Sample Type	Units															
Semi-Volatile Organic Compounds																
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2,4-Dichlorophenol	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2,4-Dimethylphenol	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2,4-Dinitrophenol	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2,6-Dinitrotoluene	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Chloronaphthalene	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Chlorophenol	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Methylnaphthalene	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Methylphenol	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Nitroaniline	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Nitrophenol	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3,4-Methylphenol	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3,3'-Dichlorobenzidine	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3-Nitroaniline	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4,6-Dinitro-2-methylphenol	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4-Bromophenyl phenyl ether	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4-Chloro-3-methylphenol	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4-Chloroaniline	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4-Chlorophenyl phenyl ether	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4-Nitroaniline	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4-Nitrophenol	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthene	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthylene	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Acetophenone	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Anthracene	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Atrazine	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzaldehyde	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(a)anthracene	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(a)pyrene	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(b)fluoranthene	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(g,h,i)perylene	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(k)fluoranthene	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Biphenyl (1,1'-Biphenyl)	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
bis(2-Chloroethoxy)methane	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
bis(2-Chloroethyl)ether	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate (DEHP)	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Butyl benzylphthalate (BBP)	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Caprolactam	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Carbazole	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chrysene	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dibenz(a,h)anthracene	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dibenzofuran	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Diethyl phthalate	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dimethyl phthalate	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Di-n-butylphthalate (DBP)	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Di-n-octyl phthalate (DnOP)	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Fluoranthene	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Fluorene	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Hexachlorobenzene	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Hexachlorobutadiene	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Hexachlorocyclopentadiene	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Hexachloroethane	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Indene(1,2,3-cd)pyrene	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Isophotone	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Nitrobenzene	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
N-Nitrosodi-n-propylamine	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
N-Nitrosodiphenylamine	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Pentachlorophenol	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Phenanthrene	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Phenol	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Pyrene	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Volatile Organic Compounds																
1,1,1-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0016	0.0016	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	0.001 UJ	0.001 UJ	0.001 UJ	0.001 UJ	0.001 UJ	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.00035 J	0.001 U	0.001 U	0.001 U	0.00045 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.00069 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 UJ	0.001 UJ	0.001 U	0.001 UJ	0.001 U	0.001 U	0.001 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.01 U	0.01 UJ	0.01 UJ	0.01 UJ	0.01 U	0.01 UJ	0.01 U	0.01 U	0.01 U	0.016 J	0.01 UJ	0.01 U	0.01 U	0.01 U	0.01 U
2-Hexanone	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 UJ	0.01 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 UJ
Acetone	mg/L	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 U	0.01 U	0.01 UJ	0.01 UJ	0.01 U	0.01 U	0.01 U	0.01 UJ
Benzene	mg/L	0.001 U	0.001 U	0.001 U	0.00											

TABLE 4
 SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
 FALL 2011 SEMI-ANNUAL GROUNDWATER MONITORING REPORT
 FORMER GRAND RAPIDS METAL PLANT
 WYOMING, MICHIGAN

Sample Location	MW19-11	MW20-11	MW21-11	MW22-11	MW23-11	MW24-11	MW24-11	MW24-11	MW25-11	MW26-11	MW27-11	MW27-11	Trip Blank	Trip Blank	Trip Blank	Trip Blank
Sample Identification	GW-17360-092211-EM-017	GW-17360-092311-EM-035	GW-17360-092311-EM-039	GW-17360-092311-EM-036	GW-17360-092211-EM-018	WG-17360-101911-JV-058	WG-17360-101911-JV-059	WG-17360-092911-EM-041	GW-17360-092911-EM-045	GW-17360-092311-EM-032	GW-17360-092311-EM-033	TB-17360-092311-EM-9/23/2011	TRIP BLANK-17360-093011-EM-053	TB-17360-100411-EM-10/4/2011	TRIP BLANK-17360-101911-060	
Sample Date	9/23/2011	9/23/2011	9/23/2011	9/23/2011	9/23/2011	10/19/2011	10/19/2011	9/29/2011	9/29/2011	9/23/2011	9/23/2011	9/23/2011	9/30/2011	10/4/2011	10/19/2011	
Sample Type	Duplicate															
Units																
Cyclohexane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 UJ	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	0.001 U
Ethylbenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Isopropyl benzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ
Methyl cyclohexane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.00027 J	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Methylene chloride	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Styrene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	0.00082 J	0.001 U	0.028	0.00064 J	0.001 U	0.0039	0.0038	0.00072 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	0.001 U	0.0007 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.00017 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 UJ	0.001 UJ	0.001 UJ	0.001 UJ	0.001 UJ	0.001 UJ	0.001 UJ	0.001 UJ	0.001 UJ
Trichloroethene	mg/L	0.00036 J	0.001 U	0.0012	0.001 U	0.00081 J	0.00077 J	0.00078 J	0.0002 J	0.0016	0.0019	0.0018	0.001 U	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	0.001 U	0.001 UJ	0.001 UJ	0.001 UJ	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 UJ	0.001 UJ	0.001 U	0.001 U	0.001 U
Trifluorotrichloroethane (Freon 113)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.0021	0.001 U	0.001 U	0.001 U	0.0011	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

Notes:
 U - Not present at or above the associated value.
 J - Estimated concentration.
 UJ - Estimated reporting limit.
 R - Rejected.

ATTACHMENT A
ANALYTICAL DATA

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica North Canton

4101 Shuffel Street NW

North Canton, OH 44720

Tel: (330)497-9396

TestAmerica Job ID: 240-5136-1

Client Project/Site: 17360-T01-003, RACER Grand Rapids

For:

Conestoga-Rovers & Associates, Inc.

14496 Sheldon Road, Suite 200

Plymouth, Michigan 48170

Attn: Mr. Paul Wiseman



Authorized for release by:

11/03/2011 04:34:11 PM

Denise Heckler

Project Manager II

denise.heckler@testamericainc.com



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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

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Case Narrative

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-5136-1

Job ID: 240-5136-1

Laboratory: TestAmerica North Canton

Narrative

CASE NARRATIVE

Client: Conestoga-Rovers & Associates, Inc.

Project: 17360-T01-003, RACER Grand Rapids

Report Number: 240-5136-1

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 North 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 10/21/2011; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 2.0 C.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples WG-17360-101911-JV-058 (240-5136-1), WG-17360-101911-JV-059 (240-5136-2) and TRIP BLANK-17360-101911-060 (240-5136-3) were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 11/01/2011.

Cyclohexane and Methylcyclohexane failed the recovery criteria high for LCS 240-21415/4.

No other difficulties were encountered during the VOCs analyses.

All other quality control parameters were within the acceptance limits.

Definitions/Glossary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-5136-1

Qualifiers

GC/MS VOA

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

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
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Sample Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-5136-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-5136-1	WG-17360-101911-JV-058	Water	10/19/11 12:45	10/21/11 09:30
240-5136-2	WG-17360-101911-JV-059	Water	10/19/11 12:50	10/21/11 09:30
240-5136-3	TRIP BLANK-17360-101911-060	Water	10/19/11 00:00	10/21/11 09:30

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Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-5136-1

Client Sample ID: WG-17360-101911-JV-058

Lab Sample ID: 240-5136-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.59	J	1.0	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	3.9		1.0	0.29	ug/L	1		8260B	Total/NA
Trichloroethene	0.77	J	1.0	0.17	ug/L	1		8260B	Total/NA

Client Sample ID: WG-17360-101911-JV-059

Lab Sample ID: 240-5136-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.57	J	1.0	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	3.8		1.0	0.29	ug/L	1		8260B	Total/NA
Trichloroethene	0.78	J	1.0	0.17	ug/L	1		8260B	Total/NA

Client Sample ID: TRIP BLANK-17360-101911-060

Lab Sample ID: 240-5136-3

No Detections

Method Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-5136-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL NC

Protocol References:

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

Laboratory References:

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



Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-5136-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: WG-17360-101911-JV-058

Lab Sample ID: 240-5136-1

Date Collected: 10/19/11 12:45

Matrix: Water

Date Received: 10/21/11 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			11/01/11 14:42	1
Benzene	1.0	U	1.0	0.13	ug/L			11/01/11 14:42	1
Bromodichloromethane	1.0	U	1.0	0.15	ug/L			11/01/11 14:42	1
Bromoform	1.0	U	1.0	0.64	ug/L			11/01/11 14:42	1
Bromomethane	1.0	U	1.0	0.41	ug/L			11/01/11 14:42	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			11/01/11 14:42	1
Carbon disulfide	5.0	U	5.0	0.13	ug/L			11/01/11 14:42	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			11/01/11 14:42	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			11/01/11 14:42	1
Chloroethane	1.0	U	1.0	0.29	ug/L			11/01/11 14:42	1
Chloroform	0.59	J	1.0	0.16	ug/L			11/01/11 14:42	1
Chloromethane	1.0	U	1.0	0.30	ug/L			11/01/11 14:42	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			11/01/11 14:42	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			11/01/11 14:42	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/01/11 14:42	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			11/01/11 14:42	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			11/01/11 14:42	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			11/01/11 14:42	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			11/01/11 14:42	1
2-Hexanone	10	U	10	0.41	ug/L			11/01/11 14:42	1
Methylene Chloride	5.0	U	5.0	0.33	ug/L			11/01/11 14:42	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			11/01/11 14:42	1
Styrene	1.0	U	1.0	0.11	ug/L			11/01/11 14:42	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			11/01/11 14:42	1
Tetrachloroethene	3.9		1.0	0.29	ug/L			11/01/11 14:42	1
Toluene	1.0	U	1.0	0.13	ug/L			11/01/11 14:42	1
Trichloroethene	0.77	J	1.0	0.17	ug/L			11/01/11 14:42	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			11/01/11 14:42	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			11/01/11 14:42	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			11/01/11 14:42	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			11/01/11 14:42	1
Cyclohexane	1.0	U *	1.0	0.12	ug/L			11/01/11 14:42	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.67	ug/L			11/01/11 14:42	1
1,2-Dibromoethane	1.0	U	1.0	0.24	ug/L			11/01/11 14:42	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			11/01/11 14:42	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			11/01/11 14:42	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/01/11 14:42	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			11/01/11 14:42	1
Methyl acetate	10	U	10	0.38	ug/L			11/01/11 14:42	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			11/01/11 14:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			11/01/11 14:42	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			11/01/11 14:42	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/01/11 14:42	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			11/01/11 14:42	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/01/11 14:42	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			11/01/11 14:42	1
Dibromochloromethane	1.0	U	1.0	0.18	ug/L			11/01/11 14:42	1
Methylcyclohexane	1.0	U *	1.0	0.13	ug/L			11/01/11 14:42	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-5136-1

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

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	101		63 - 129		11/01/11 14:42	1
4-Bromofluorobenzene (Surr)	100		66 - 117		11/01/11 14:42	1
Toluene-d8 (Surr)	96		74 - 115		11/01/11 14:42	1
Dibromofluoromethane (Surr)	84		75 - 121		11/01/11 14:42	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-5136-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: WG-17360-101911-JV-059

Date Collected: 10/19/11 12:50

Date Received: 10/21/11 09:30

Lab Sample ID: 240-5136-2

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			11/01/11 15:04	1
Benzene	1.0	U	1.0	0.13	ug/L			11/01/11 15:04	1
Bromodichloromethane	1.0	U	1.0	0.15	ug/L			11/01/11 15:04	1
Bromoform	1.0	U	1.0	0.64	ug/L			11/01/11 15:04	1
Bromomethane	1.0	U	1.0	0.41	ug/L			11/01/11 15:04	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			11/01/11 15:04	1
Carbon disulfide	5.0	U	5.0	0.13	ug/L			11/01/11 15:04	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			11/01/11 15:04	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			11/01/11 15:04	1
Chloroethane	1.0	U	1.0	0.29	ug/L			11/01/11 15:04	1
Chloroform	0.57	J	1.0	0.16	ug/L			11/01/11 15:04	1
Chloromethane	1.0	U	1.0	0.30	ug/L			11/01/11 15:04	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			11/01/11 15:04	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			11/01/11 15:04	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/01/11 15:04	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			11/01/11 15:04	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			11/01/11 15:04	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			11/01/11 15:04	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			11/01/11 15:04	1
2-Hexanone	10	U	10	0.41	ug/L			11/01/11 15:04	1
Methylene Chloride	5.0	U	5.0	0.33	ug/L			11/01/11 15:04	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			11/01/11 15:04	1
Styrene	1.0	U	1.0	0.11	ug/L			11/01/11 15:04	1
1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			11/01/11 15:04	1
Tetrachloroethene	3.8		1.0	0.29	ug/L			11/01/11 15:04	1
Toluene	1.0	U	1.0	0.13	ug/L			11/01/11 15:04	1
Trichloroethene	0.78	J	1.0	0.17	ug/L			11/01/11 15:04	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			11/01/11 15:04	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			11/01/11 15:04	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			11/01/11 15:04	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			11/01/11 15:04	1
Cyclohexane	1.0	U *	1.0	0.12	ug/L			11/01/11 15:04	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.67	ug/L			11/01/11 15:04	1
1,2-Dibromoethane	1.0	U	1.0	0.24	ug/L			11/01/11 15:04	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			11/01/11 15:04	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			11/01/11 15:04	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/01/11 15:04	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			11/01/11 15:04	1
Methyl acetate	10	U	10	0.38	ug/L			11/01/11 15:04	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			11/01/11 15:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			11/01/11 15:04	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			11/01/11 15:04	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/01/11 15:04	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			11/01/11 15:04	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/01/11 15:04	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			11/01/11 15:04	1
Dibromochloromethane	1.0	U	1.0	0.18	ug/L			11/01/11 15:04	1
Methylcyclohexane	1.0	U *	1.0	0.13	ug/L			11/01/11 15:04	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-5136-1

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

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	102		63 - 129		11/01/11 15:04	1
4-Bromofluorobenzene (Surr)	98		66 - 117		11/01/11 15:04	1
Toluene-d8 (Surr)	93		74 - 115		11/01/11 15:04	1
Dibromofluoromethane (Surr)	86		75 - 121		11/01/11 15:04	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-5136-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: TRIP BLANK-17360-101911-060

Date Collected: 10/19/11 00:00

Date Received: 10/21/11 09:30

Lab Sample ID: 240-5136-3

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			11/01/11 14:20	1
Benzene	1.0	U	1.0	0.13	ug/L			11/01/11 14:20	1
Bromodichloromethane	1.0	U	1.0	0.15	ug/L			11/01/11 14:20	1
Bromoform	1.0	U	1.0	0.64	ug/L			11/01/11 14:20	1
Bromomethane	1.0	U	1.0	0.41	ug/L			11/01/11 14:20	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			11/01/11 14:20	1
Carbon disulfide	5.0	U	5.0	0.13	ug/L			11/01/11 14:20	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			11/01/11 14:20	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			11/01/11 14:20	1
Chloroethane	1.0	U	1.0	0.29	ug/L			11/01/11 14:20	1
Chloroform	1.0	U	1.0	0.16	ug/L			11/01/11 14:20	1
Chloromethane	1.0	U	1.0	0.30	ug/L			11/01/11 14:20	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			11/01/11 14:20	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			11/01/11 14:20	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/01/11 14:20	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			11/01/11 14:20	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			11/01/11 14:20	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			11/01/11 14:20	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			11/01/11 14:20	1
2-Hexanone	10	U	10	0.41	ug/L			11/01/11 14:20	1
Methylene Chloride	5.0	U	5.0	0.33	ug/L			11/01/11 14:20	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			11/01/11 14:20	1
Styrene	1.0	U	1.0	0.11	ug/L			11/01/11 14:20	1
1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			11/01/11 14:20	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			11/01/11 14:20	1
Toluene	1.0	U	1.0	0.13	ug/L			11/01/11 14:20	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			11/01/11 14:20	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			11/01/11 14:20	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			11/01/11 14:20	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			11/01/11 14:20	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			11/01/11 14:20	1
Cyclohexane	1.0	U *	1.0	0.12	ug/L			11/01/11 14:20	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.67	ug/L			11/01/11 14:20	1
1,2-Dibromoethane	1.0	U	1.0	0.24	ug/L			11/01/11 14:20	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			11/01/11 14:20	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			11/01/11 14:20	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/01/11 14:20	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			11/01/11 14:20	1
Methyl acetate	10	U	10	0.38	ug/L			11/01/11 14:20	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			11/01/11 14:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			11/01/11 14:20	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			11/01/11 14:20	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/01/11 14:20	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			11/01/11 14:20	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/01/11 14:20	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			11/01/11 14:20	1
Dibromochloromethane	1.0	U	1.0	0.18	ug/L			11/01/11 14:20	1
Methylcyclohexane	1.0	U *	1.0	0.13	ug/L			11/01/11 14:20	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-5136-1

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

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	101		63 - 129		11/01/11 14:20	1
4-Bromofluorobenzene (Surr)	98		66 - 117		11/01/11 14:20	1
Toluene-d8 (Surr)	92		74 - 115		11/01/11 14:20	1
Dibromofluoromethane (Surr)	85		75 - 121		11/01/11 14:20	1

QC Association Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-5136-1

GC/MS VOA

Analysis Batch: 21415

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-5136-1	WG-17360-101911-JV-058	Total/NA	Water	8260B	
240-5136-2	WG-17360-101911-JV-059	Total/NA	Water	8260B	
240-5136-3	TRIP BLANK-17360-101911-060	Total/NA	Water	8260B	
LCS 240-21415/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-21415/5	Method Blank	Total/NA	Water	8260B	

QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-5136-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-21415/5

Matrix: Water

Analysis Batch: 21415

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			11/01/11 11:14	1
Benzene	1.0	U	1.0	0.13	ug/L			11/01/11 11:14	1
Bromodichloromethane	1.0	U	1.0	0.15	ug/L			11/01/11 11:14	1
Bromoform	1.0	U	1.0	0.64	ug/L			11/01/11 11:14	1
Bromomethane	1.0	U	1.0	0.41	ug/L			11/01/11 11:14	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			11/01/11 11:14	1
Carbon disulfide	5.0	U	5.0	0.13	ug/L			11/01/11 11:14	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			11/01/11 11:14	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			11/01/11 11:14	1
Chloroethane	1.0	U	1.0	0.29	ug/L			11/01/11 11:14	1
Chloroform	1.0	U	1.0	0.16	ug/L			11/01/11 11:14	1
Chloromethane	1.0	U	1.0	0.30	ug/L			11/01/11 11:14	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			11/01/11 11:14	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			11/01/11 11:14	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/01/11 11:14	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			11/01/11 11:14	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			11/01/11 11:14	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			11/01/11 11:14	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			11/01/11 11:14	1
2-Hexanone	10	U	10	0.41	ug/L			11/01/11 11:14	1
Methylene Chloride	5.0	U	5.0	0.33	ug/L			11/01/11 11:14	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			11/01/11 11:14	1
Styrene	1.0	U	1.0	0.11	ug/L			11/01/11 11:14	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			11/01/11 11:14	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			11/01/11 11:14	1
Toluene	1.0	U	1.0	0.13	ug/L			11/01/11 11:14	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			11/01/11 11:14	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			11/01/11 11:14	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			11/01/11 11:14	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			11/01/11 11:14	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			11/01/11 11:14	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			11/01/11 11:14	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.67	ug/L			11/01/11 11:14	1
1,2-Dibromoethane	1.0	U	1.0	0.24	ug/L			11/01/11 11:14	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			11/01/11 11:14	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			11/01/11 11:14	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/01/11 11:14	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			11/01/11 11:14	1
Methyl acetate	10	U	10	0.38	ug/L			11/01/11 11:14	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			11/01/11 11:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			11/01/11 11:14	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			11/01/11 11:14	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/01/11 11:14	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			11/01/11 11:14	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/01/11 11:14	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			11/01/11 11:14	1
Dibromochloromethane	1.0	U	1.0	0.18	ug/L			11/01/11 11:14	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			11/01/11 11:14	1

QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-5136-1

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

Lab Sample ID: MB 240-21415/5

Matrix: Water

Analysis Batch: 21415

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		63 - 129		11/01/11 11:14	1
4-Bromofluorobenzene (Surr)	97		66 - 117		11/01/11 11:14	1
Toluene-d8 (Surr)	96		74 - 115		11/01/11 11:14	1
Dibromofluoromethane (Surr)	84		75 - 121		11/01/11 11:14	1

Lab Sample ID: LCS 240-21415/4

Matrix: Water

Analysis Batch: 21415

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	20.0	14.3		ug/L		72	43 - 136
Benzene	10.0	10.3		ug/L		103	83 - 112
Bromodichloromethane	10.0	10.1		ug/L		101	72 - 121
Bromoform	10.0	8.36		ug/L		84	40 - 131
Bromomethane	10.0	6.96		ug/L		70	11 - 185
2-Butanone (MEK)	20.0	14.9		ug/L		75	60 - 126
Carbon disulfide	10.0	10.4		ug/L		104	62 - 142
Carbon tetrachloride	10.0	11.1		ug/L		111	66 - 128
Chlorobenzene	10.0	9.64		ug/L		96	85 - 110
Chloroethane	10.0	6.95		ug/L		70	25 - 153
Chloroform	10.0	10.8		ug/L		108	79 - 117
Chloromethane	10.0	6.36		ug/L		64	44 - 126
1,1-Dichloroethane	10.0	10.5		ug/L		105	82 - 115
1,2-Dichloroethane	10.0	10.7		ug/L		107	71 - 127
1,1-Dichloroethene	10.0	9.59		ug/L		96	78 - 131
1,2-Dichloropropane	10.0	10.2		ug/L		102	81 - 115
cis-1,3-Dichloropropene	10.0	9.88		ug/L		99	61 - 115
trans-1,3-Dichloropropene	10.0	11.5		ug/L		115	58 - 117
Ethylbenzene	10.0	10.2		ug/L		102	83 - 112
2-Hexanone	20.0	17.1		ug/L		86	55 - 133
Methylene Chloride	10.0	8.48		ug/L		85	66 - 131
4-Methyl-2-pentanone (MIBK)	20.0	15.4		ug/L		77	63 - 128
Styrene	10.0	10.4		ug/L		104	79 - 114
1,1,2,2-Tetrachloroethane	10.0	11.4		ug/L		114	68 - 118
Tetrachloroethene	10.0	9.10		ug/L		91	79 - 114
Toluene	10.0	10.7		ug/L		107	84 - 111
Trichloroethene	10.0	8.33		ug/L		83	76 - 117
Vinyl chloride	10.0	7.67		ug/L		77	53 - 127
Xylenes, Total	30.0	29.9		ug/L		100	83 - 112
1,1,1-Trichloroethane	10.0	11.5		ug/L		115	74 - 118
1,1,2-Trichloroethane	10.0	10.3		ug/L		103	80 - 112
Cyclohexane	10.0	12.3	*	ug/L		123	54 - 121
1,2-Dibromo-3-Chloropropane	10.0	7.56		ug/L		76	42 - 136
1,2-Dibromoethane	10.0	9.91		ug/L		99	79 - 113
Dichlorodifluoromethane	10.0	8.94		ug/L		89	19 - 129
cis-1,2-Dichloroethene	10.0	9.63		ug/L		96	80 - 113
trans-1,2-Dichloroethene	10.0	9.67		ug/L		97	83 - 117
Isopropylbenzene	10.0	10.5		ug/L		105	75 - 114
Methyl acetate	10.0	7.72	J	ug/L		77	58 - 131

QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-5136-1

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

Lab Sample ID: LCS 240-21415/4

Matrix: Water

Analysis Batch: 21415

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl tert-butyl ether	10.0	10.4		ug/L		104	52 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	10.1		ug/L		101	74 - 151
1,2,4-Trichlorobenzene	10.0	7.85		ug/L		79	48 - 135
1,2-Dichlorobenzene	10.0	8.91		ug/L		89	81 - 110
1,3-Dichlorobenzene	10.0	9.64		ug/L		96	80 - 110
1,4-Dichlorobenzene	10.0	9.19		ug/L		92	82 - 110
Trichlorofluoromethane	10.0	8.60		ug/L		86	49 - 157
Dibromochloromethane	10.0	9.35		ug/L		94	64 - 119
Methylcyclohexane	10.0	12.8	*	ug/L		128	56 - 127

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	105		63 - 129
4-Bromofluorobenzene (Surr)	105		66 - 117
Toluene-d8 (Surr)	98		74 - 115
Dibromofluoromethane (Surr)	86		75 - 121

Surrogate Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-5136-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	12DCE (63-129)	BFB (66-117)	TOL (74-115)	DBFM (75-121)
240-5136-1	WG-17360-101911-JV-058	101	100	96	84
240-5136-2	WG-17360-101911-JV-059	102	98	93	86
240-5136-3	TRIP BLANK-17360-101911-060	101	98	92	85
LCS 240-21415/4	Lab Control Sample	105	105	98	86
MB 240-21415/5	Method Blank	100	97	96	84

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

DBFM = Dibromofluoromethane (Surr)

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-5136-1

Client Sample ID: WG-17360-101911-JV-058

Lab Sample ID: 240-5136-1

Date Collected: 10/19/11 12:45

Matrix: Water

Date Received: 10/21/11 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	21415	11/01/11 14:42	RQ	TAL NC

Client Sample ID: WG-17360-101911-JV-059

Lab Sample ID: 240-5136-2

Date Collected: 10/19/11 12:50

Matrix: Water

Date Received: 10/21/11 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	21415	11/01/11 15:04	RQ	TAL NC

Client Sample ID: TRIP BLANK-17360-101911-060

Lab Sample ID: 240-5136-3

Date Collected: 10/19/11 00:00

Matrix: Water

Date Received: 10/21/11 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	21415	11/01/11 14:20	RQ	TAL NC

Laboratory References:

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

Certification Summary

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-5136-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica North Canton	ACCLASS	DoD ELAP		ADE-1437
TestAmerica North Canton	California	NELAC	9	01144CA
TestAmerica North Canton	Connecticut	State Program	1	PH-0590
TestAmerica North Canton	Florida	NELAC	4	E87225
TestAmerica North Canton	Georgia	Georgia EPD	4	N/A
TestAmerica North Canton	Illinois	NELAC	5	200004
TestAmerica North Canton	Kansas	NELAC	7	E-10336
TestAmerica North Canton	Kentucky	State Program	4	58
TestAmerica North Canton	Minnesota	NELAC	5	039-999-348
TestAmerica North Canton	Nevada	State Program	9	OH-000482008A
TestAmerica North Canton	New Jersey	NELAC	2	OH001
TestAmerica North Canton	New York	NELAC	2	10975
TestAmerica North Canton	Ohio	OVAP	5	CL0024
TestAmerica North Canton	Pennsylvania	NELAC	3	68-00340
TestAmerica North Canton	USDA	USDA		P330-11-00328
TestAmerica North Canton	Virginia	NELAC Secondary AB	3	460175
TestAmerica North Canton	West Virginia	West Virginia DEP	3	210
TestAmerica North Canton	Wisconsin	State Program	5	999518190

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.



TestAmerica Cooler Receipt Form/Narrative
North Canton Facility

Lot Number: _____

Client CRA Project GM GR By: [Signature]

Cooler Received on 10.21.2011 Opened on 10.21.2011 (Signature)

FedEx UPS DHL FAS Stetson Client Drop Off TestAmerica Courier Other _____

TestAmerica Cooler # 241-2157 Multiple Coolers Foam Box Client Cooler Other _____

1. Were custody seals on the outside of the cooler(s)? Yes No Intact? Yes No NA

If YES, Quantity 1 Quantity Unsalvageable _____

Were custody seals on the outside of cooler(s) signed and dated? Yes No NA

Were custody seals on the bottle(s)? Yes No

If YES, are there any exceptions? _____

2. Shippers' packing slip attached to the cooler(s)? Yes No Relinquished by client? Yes No

3. Did custody papers accompany the sample(s)? Yes No

4. Were the custody papers signed in the appropriate place? Yes No

5. Packing material used: Bubble Wrap Foam None Other _____

6. Cooler temperature upon receipt 2.0 °C See back of form for multiple coolers/temps

METHOD: IR Other

COOLANT: Wet Ice Blue Ice Dry Ice Water None

7. Did all bottles arrive in good condition (Unbroken)? Yes No

8. Could all bottle labels be reconciled with the COC? Yes No

9. Were sample(s) at the correct pH upon receipt? Yes No NA

10. Were correct bottle(s) used for the test(s) indicated? Yes No

11. Were air bubbles >6 mm in any VOA vials? Yes No NA

12. Sufficient quantity received to perform indicated analyses? Yes No

13. Was a trip blank present in the cooler(s)? Yes No Were VOAs on the COC? Yes No

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

Concerning _____

14. CHAIN OF CUSTODY

The following discrepancies occurred:

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 Sample

Receiving to meet recommended pH level(s). Nitric Acid Lot# 110410-HNO₃; Sulfuric Acid Lot# 110410-H₂SO₄; Sodium

Hydroxide Lot# 121809 -NaOH; Hydrochloric Acid Lot# 041911-HCl; Sodium Hydroxide and Zinc Acetate Lot# 100108-

(CH₃COO)₂ZN/NaOH. What time was preservative added to sample(s)?

Client ID	pH	Date	Initials

Login Sample Receipt Checklist

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 240-5136-1

Login Number: 5136

List Source: TestAmerica North Canton

List Number: 1

Creator: Sutek, Nick

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.0
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica North Canton

4101 Shuffel Street NW

North Canton, OH 44720

Tel: (330)497-9396

TestAmerica Job ID: 240-4429-1

Client Project/Site: 17360-T01-003, RACER Grand Rapids

For:

Conestoga-Rovers & Associates, Inc.

14496 Sheldon Road, Suite 200

Plymouth, Michigan 48170

Attn: Mr. Paul Wiseman



Authorized for release by:

10/28/2011 09:43:05 AM

Denise Heckler

Project Manager II

denise.heckler@testamericainc.com



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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

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Case Narrative

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

Job ID: 240-4429-1

Laboratory: TestAmerica North Canton

Narrative

CASE NARRATIVE

Client: Conestoga-Rovers & Associates, Inc.

Project: 17360-T01-003, RACER Grand Rapids

Report Number: 240-4429-1

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 North 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 10/01/2011; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 3.0 and 4.9 C.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples GW-17360-092911-EM-040 (240-4429-1), GW-17360-092911-EM-041 (240-4429-2), GW-17360-092911-EM-042 (240-4429-3), GW-17360-092911-EM-043 (240-4429-4), GW-17360-092911-EM-044 (240-4429-5), GW-17360-092911-EM-045 (240-4429-6), GW-17360-092911-EM-046 (240-4429-7), GW-17360-092911-EM-047 (240-4429-8), GW-17360-092911-EM-048 (240-4429-9), GW-17360-092911-EM-049 (240-4429-10), GW-17360-093011-EM-050 (240-4429-11), GW-17360-093011-EM-051 (240-4429-12), GW-17360-093011-EM-052 (240-4429-13) and TRIP BLANK-17360-093011-EM-053 (240-4429-14) were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 10/08/2011.

No difficulties were encountered during the VOCs analyses.

All quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples GW-17360-092911-EM-040 (240-4429-1), GW-17360-092911-EM-042 (240-4429-3), GW-17360-092911-EM-043 (240-4429-4), GW-17360-092911-EM-044 (240-4429-5) and GW-17360-093011-EM-052 (240-4429-13) were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. The samples were prepared on 10/04/2011 and 10/05/2011 and

Case Narrative

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

Job ID: 240-4429-1 (Continued)

Laboratory: TestAmerica North Canton (Continued)

analyzed on 10/10/2011, 10/11/2011 and 10/12/2011.

Surrogates are added during the extraction process prior to dilution. When the sample is diluted, surrogate recoveries are diluted out and no corrective action is required.

Bis(2-ethylhexyl) phthalate was detected in method blank MB 240-17768/19-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 "J". If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged.

Samples GW-17360-092911-EM-042 (240-4429-3)[2X], GW-17360-092911-EM-043 (240-4429-4)[2X] and GW-17360-092911-EM-044 (240-4429-5)[2X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the SVOC analyses.

All other quality control parameters were within the acceptance limits.

TOTAL RECOVERABLE METALS (ICP)

Sample GW-17360-093011-EM-052 (240-4429-13) was analyzed for total recoverable metals (ICP) in accordance with EPA SW-846 Method 6010B. The samples were prepared on 10/11/2011 and analyzed on 10/12/2011.

No difficulties were encountered during the metals analysis.

All quality control parameters were within the acceptance limits.

TOTAL RECOVERABLE METALS (ICPMS)

Samples GW-17360-092911-EM-040 (240-4429-1), GW-17360-092911-EM-042 (240-4429-3), GW-17360-092911-EM-043 (240-4429-4), GW-17360-092911-EM-044 (240-4429-5), GW-17360-092911-EM-046 (240-4429-7), GW-17360-093011-EM-050 (240-4429-11) and GW-17360-093011-EM-052 (240-4429-13) were analyzed for total recoverable metals (ICPMS) in accordance with EPA SW-846 Method 6020. The samples were prepared on 10/11/2011 and analyzed on 10/12/2011.

Thallium and Zinc were detected in method blank MB 240-18568/1-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 "J". If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged.

No other difficulties were encountered during the metals analyses.

All other quality control parameters were within the acceptance limits.

TOTAL MERCURY

Samples GW-17360-092911-EM-040 (240-4429-1), GW-17360-092911-EM-042 (240-4429-3), GW-17360-092911-EM-043 (240-4429-4), GW-17360-092911-EM-044 (240-4429-5), GW-17360-092911-EM-046 (240-4429-7), GW-17360-093011-EM-050 (240-4429-11) and GW-17360-093011-EM-052 (240-4429-13) were analyzed for total mercury in accordance with EPA SW-846 Methods 7470A. The samples were prepared on 10/10/2011 and 10/12/2011 and analyzed on 10/11/2011 and 10/12/2011.

Mercury was detected in method blank MB 240-18484/1-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 "J". If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged. Mercury was detected in method blank MB 240-18485/1-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 "J". If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged.

No other difficulties were encountered during the mercury analyses.

All other quality control parameters were within the acceptance limits.

ANIONS

Case Narrative

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

Job ID: 240-4429-1 (Continued)

Laboratory: TestAmerica North Canton (Continued)

Sample GW-17360-093011-EM-052 (240-4429-13) was analyzed for anions in accordance with EPA SW-846 Method 9056A. The samples were analyzed on 10/19/2011.

Sample GW-17360-093011-EM-052 (240-4429-13)[5X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No difficulties were encountered during the anions analysis.

All quality control parameters were within the acceptance limits.

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Definitions/Glossary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
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.
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.

Metals

Qualifier	Qualifier Description
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.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

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
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Sample Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-4429-1	GW-17360-092911-EM-040	Water	09/29/11 11:55	10/01/11 09:30
240-4429-2	GW-17360-092911-EM-041	Water	09/29/11 10:25	10/01/11 09:30
240-4429-3	GW-17360-092911-EM-042	Water	09/29/11 11:08	10/01/11 09:30
240-4429-4	GW-17360-092911-EM-043	Water	09/29/11 11:15	10/01/11 09:30
240-4429-5	GW-17360-092911-EM-044	Water	09/29/11 13:05	10/01/11 09:30
240-4429-6	GW-17360-092911-EM-045	Water	09/29/11 14:27	10/01/11 09:30
240-4429-7	GW-17360-092911-EM-046	Water	09/29/11 15:36	10/01/11 09:30
240-4429-8	GW-17360-092911-EM-047	Water	09/29/11 16:40	10/01/11 09:30
240-4429-9	GW-17360-092911-EM-048	Water	09/29/11 16:12	10/01/11 09:30
240-4429-10	GW-17360-092911-EM-049	Water	09/29/11 16:25	10/01/11 09:30
240-4429-11	GW-17360-093011-EM-050	Water	09/30/11 09:49	10/01/11 09:30
240-4429-12	GW-17360-093011-EM-051	Water	09/30/11 10:53	10/01/11 09:30
240-4429-13	GW-17360-093011-EM-052	Water	09/30/11 13:30	10/01/11 09:30
240-4429-14	TRIP BLANK-17360-093011-EM-053	Water	09/30/11 00:00	10/01/11 09:30

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

Client Sample ID: GW-17360-092911-EM-040

Lab Sample ID: 240-4429-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	0.20	J	2.0	0.13	ug/L	1		6020	Total Recovera
Arsenic	0.47	J	5.0	0.40	ug/L	1		6020	Total Recovera
Barium	33	J	100	0.19	ug/L	1		6020	Total Recovera
Cadmium	0.64	J	1.0	0.13	ug/L	1		6020	Total Recovera
Cobalt	1.7	J	20	0.058	ug/L	1		6020	Total Recovera
Chromium	94		10	0.71	ug/L	1		6020	Total Recovera
Copper	3.0	J	4.0	0.29	ug/L	1		6020	Total Recovera
Manganese	13	J	50	0.83	ug/L	1		6020	Total Recovera
Nickel	49		20	0.20	ug/L	1		6020	Total Recovera
Lead	1.1	J	3.0	0.18	ug/L	1		6020	Total Recovera
Selenium	1.3	J	5.0	0.57	ug/L	1		6020	Total Recovera
Thallium	0.73	J B	2.0	0.14	ug/L	1		6020	Total Recovera
Zinc	62	B	50	2.3	ug/L	1		6020	Total Recovera
Mercury	0.16	J B	40	0.12	ug/L	1		7470A	Total/NA

Client Sample ID: GW-17360-092911-EM-041

Lab Sample ID: 240-4429-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	1.6	J	10	0.57	ug/L	1		8260B	Total/NA
Carbon disulfide	0.51	J	5.0	0.13	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.72	J	1.0	0.29	ug/L	1		8260B	Total/NA
Toluene	0.17	J	1.0	0.13	ug/L	1		8260B	Total/NA
Trichloroethene	0.20	J	1.0	0.17	ug/L	1		8260B	Total/NA

Client Sample ID: GW-17360-092911-EM-042

Lab Sample ID: 240-4429-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.70	J	1.0	0.29	ug/L	1		8260B	Total/NA
Methyl tert-butyl ether	0.17	J	5.0	0.17	ug/L	1		8260B	Total/NA
Arsenic	1.6	J	5.0	0.40	ug/L	1		6020	Total Recovera
Barium	76	J	100	0.19	ug/L	1		6020	Total Recovera
Cobalt	0.37	J	20	0.058	ug/L	1		6020	Total Recovera
Copper	0.30	J	4.0	0.29	ug/L	1		6020	Total Recovera
Manganese	650		50	0.83	ug/L	1		6020	Total Recovera
Nickel	1.4	J	20	0.20	ug/L	1		6020	Total Recovera
Mercury	0.18	J	40	0.12	ug/L	1		7470A	Total/NA

Client Sample ID: GW-17360-092911-EM-043

Lab Sample ID: 240-4429-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.71	J	1.0	0.29	ug/L	1		8260B	Total/NA
Arsenic	1.6	J	5.0	0.40	ug/L	1		6020	Total Recovera
Barium	84	J	100	0.19	ug/L	1		6020	Total Recovera
Cobalt	0.40	J	20	0.058	ug/L	1		6020	Total Recovera
Manganese	710		50	0.83	ug/L	1		6020	Total Recovera
Nickel	1.5	J	20	0.20	ug/L	1		6020	Total Recovera
Mercury	0.17	J B	40	0.12	ug/L	1		7470A	Total/NA

Client Sample ID: GW-17360-092911-EM-044

Lab Sample ID: 240-4429-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.96	J	1.0	0.29	ug/L	1		8260B	Total/NA
Trichloroethene	0.43	J	1.0	0.17	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	0.76	J	1.0	0.17	ug/L	1		8260B	Total/NA

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

Client Sample ID: GW-17360-092911-EM-044 (Continued)

Lab Sample ID: 240-4429-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Isopropylbenzene	0.42	J	1.0	0.13	ug/L	1		8260B	Total/NA
Methyl tert-butyl ether	0.30	J	5.0	0.17	ug/L	1		8260B	Total/NA
Fluoranthene	0.70	J	1.9	0.19	ug/L	2		8270C	Total/NA
Pyrene	0.79	J	9.6	0.19	ug/L	2		8270C	Total/NA
Arsenic	8.9		5.0	0.40	ug/L	1		6020	Total Recovera
Barium	93	J	100	0.19	ug/L	1		6020	Total Recovera
Cobalt	0.25	J	20	0.058	ug/L	1		6020	Total Recovera
Copper	0.48	J	4.0	0.29	ug/L	1		6020	Total Recovera
Manganese	36	J	50	0.83	ug/L	1		6020	Total Recovera
Nickel	0.61	J	20	0.20	ug/L	1		6020	Total Recovera
Lead	0.85	J	3.0	0.18	ug/L	1		6020	Total Recovera
Zinc	180	B	50	2.3	ug/L	1		6020	Total Recovera
Mercury	0.19	J B	40	0.12	ug/L	1		7470A	Total/NA

Client Sample ID: GW-17360-092911-EM-045

Lab Sample ID: 240-4429-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.45	J	1.0	0.15	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	0.69	J	1.0	0.19	ug/L	1		8260B	Total/NA
Trichloroethene	1.6		1.0	0.17	ug/L	1		8260B	Total/NA
Vinyl chloride	1.1		1.0	0.22	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	2.7		1.0	0.17	ug/L	1		8260B	Total/NA

Client Sample ID: GW-17360-092911-EM-046

Lab Sample ID: 240-4429-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	15		1.0	0.17	ug/L	1		8260B	Total/NA
Vinyl chloride	2.6		1.0	0.22	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	12		1.0	0.17	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	2.6		1.0	0.19	ug/L	1		8260B	Total/NA
Arsenic	0.48	J	5.0	0.40	ug/L	1		6020	Total Recovera
Barium	140		100	0.19	ug/L	1		6020	Total Recovera
Cobalt	0.17	J	20	0.058	ug/L	1		6020	Total Recovera
Copper	0.35	J	4.0	0.29	ug/L	1		6020	Total Recovera
Manganese	84		50	0.83	ug/L	1		6020	Total Recovera
Nickel	0.54	J	20	0.20	ug/L	1		6020	Total Recovera
Lead	0.51	J	3.0	0.18	ug/L	1		6020	Total Recovera
Zinc	210	B	50	2.3	ug/L	1		6020	Total Recovera
Mercury	0.12	J B	40	0.12	ug/L	1		7470A	Total/NA

Client Sample ID: GW-17360-092911-EM-047

Lab Sample ID: 240-4429-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	11		10	1.1	ug/L	1		8260B	Total/NA
2-Butanone (MEK)	1.1	J	10	0.57	ug/L	1		8260B	Total/NA
Styrene	0.27	J	1.0	0.11	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.57	J	1.0	0.29	ug/L	1		8260B	Total/NA
Xylenes, Total	0.71	J	2.0	0.28	ug/L	1		8260B	Total/NA

Client Sample ID: GW-17360-092911-EM-048

Lab Sample ID: 240-4429-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	12		10	1.1	ug/L	1		8260B	Total/NA
2-Butanone (MEK)	3.3	J	10	0.57	ug/L	1		8260B	Total/NA

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

Client Sample ID: GW-17360-092911-EM-048 (Continued)

Lab Sample ID: 240-4429-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Styrene	0.13	J	1.0	0.11	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.32	J	1.0	0.29	ug/L	1		8260B	Total/NA
Xylenes, Total	0.60	J	2.0	0.28	ug/L	1		8260B	Total/NA

Client Sample ID: GW-17360-092911-EM-049

Lab Sample ID: 240-4429-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	11		10	1.1	ug/L	1		8260B	Total/NA
2-Butanone (MEK)	0.95	J	10	0.57	ug/L	1		8260B	Total/NA

Client Sample ID: GW-17360-093011-EM-050

Lab Sample ID: 240-4429-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.61	J	1.0	0.16	ug/L	1		8260B	Total/NA
Trichloroethene	1.9		1.0	0.17	ug/L	1		8260B	Total/NA
Arsenic	0.53	J	5.0	0.40	ug/L	1		6020	Total Recovers
Barium	71	J	100	0.19	ug/L	1		6020	Total Recovers
Cobalt	0.092	J	20	0.058	ug/L	1		6020	Total Recovers
Copper	1.7	J	4.0	0.29	ug/L	1		6020	Total Recovers
Manganese	35	J	50	0.83	ug/L	1		6020	Total Recovers
Lead	1.6	J	3.0	0.18	ug/L	1		6020	Total Recovers
Zinc	190	B	50	2.3	ug/L	1		6020	Total Recovers

Client Sample ID: GW-17360-093011-EM-051

Lab Sample ID: 240-4429-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.24	J	1.0	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.34	J	1.0	0.29	ug/L	1		8260B	Total/NA
Trichloroethene	0.22	J	1.0	0.17	ug/L	1		8260B	Total/NA

Client Sample ID: GW-17360-093011-EM-052

Lab Sample ID: 240-4429-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sodium	130000		5000	590	ug/L	1		6010B	Total Recovers
Antimony	0.15	J	2.0	0.13	ug/L	1		6020	Total Recovers
Arsenic	2.5	J	5.0	0.40	ug/L	1		6020	Total Recovers
Barium	62	J	100	0.19	ug/L	1		6020	Total Recovers
Cobalt	4.2	J	20	0.058	ug/L	1		6020	Total Recovers
Chromium	2.4	J	10	0.71	ug/L	1		6020	Total Recovers
Copper	3.1	J	4.0	0.29	ug/L	1		6020	Total Recovers
Manganese	560		50	0.83	ug/L	1		6020	Total Recovers
Nickel	6.0	J	20	0.20	ug/L	1		6020	Total Recovers
Lead	1.0	J	3.0	0.18	ug/L	1		6020	Total Recovers
Selenium	2.2	J	5.0	0.57	ug/L	1		6020	Total Recovers
Vanadium	2.0	J	4.0	0.44	ug/L	1		6020	Total Recovers
Zinc	7.2	J B	50	2.3	ug/L	1		6020	Total Recovers
Chloride	140		5.0	0.50	mg/L	5		9056A	Total/NA

Client Sample ID: TRIP BLANK-17360-093011-EM-053

Lab Sample ID: 240-4429-14

No Detections

Method Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL NC
8270C	TCL Semivolatile Compounds (OLMO4.2)	SW846	TAL NC
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL NC
6010B	Metals (ICP)	SW846	TAL NC
6020	Metals (ICP/MS)	SW846	TAL NC
7470A	Mercury (CVAA)	SW846	TAL NC
9056A	Anions, Ion Chromatography	SW846	TAL NC

Protocol References:

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

Laboratory References:

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



Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: GW-17360-092911-EM-040

Lab Sample ID: 240-4429-1

Date Collected: 09/29/11 11:55

Matrix: Water

Date Received: 10/01/11 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			10/08/11 01:03	1
Benzene	1.0	U	1.0	0.13	ug/L			10/08/11 01:03	1
Bromodichloromethane	1.0	U	1.0	0.15	ug/L			10/08/11 01:03	1
Bromoform	1.0	U	1.0	0.64	ug/L			10/08/11 01:03	1
Bromomethane	1.0	U	1.0	0.41	ug/L			10/08/11 01:03	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			10/08/11 01:03	1
Carbon disulfide	5.0	U	5.0	0.13	ug/L			10/08/11 01:03	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			10/08/11 01:03	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			10/08/11 01:03	1
Chloroethane	1.0	U	1.0	0.29	ug/L			10/08/11 01:03	1
Chloroform	1.0	U	1.0	0.16	ug/L			10/08/11 01:03	1
Chloromethane	1.0	U	1.0	0.30	ug/L			10/08/11 01:03	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			10/08/11 01:03	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			10/08/11 01:03	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			10/08/11 01:03	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			10/08/11 01:03	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			10/08/11 01:03	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			10/08/11 01:03	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			10/08/11 01:03	1
2-Hexanone	10	U	10	0.41	ug/L			10/08/11 01:03	1
Methylene Chloride	5.0	U	5.0	0.33	ug/L			10/08/11 01:03	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			10/08/11 01:03	1
Styrene	1.0	U	1.0	0.11	ug/L			10/08/11 01:03	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			10/08/11 01:03	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			10/08/11 01:03	1
Toluene	1.0	U	1.0	0.13	ug/L			10/08/11 01:03	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			10/08/11 01:03	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			10/08/11 01:03	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			10/08/11 01:03	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			10/08/11 01:03	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			10/08/11 01:03	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			10/08/11 01:03	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.67	ug/L			10/08/11 01:03	1
1,2-Dibromoethane	1.0	U	1.0	0.24	ug/L			10/08/11 01:03	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			10/08/11 01:03	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			10/08/11 01:03	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			10/08/11 01:03	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			10/08/11 01:03	1
Methyl acetate	10	U	10	0.38	ug/L			10/08/11 01:03	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			10/08/11 01:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			10/08/11 01:03	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			10/08/11 01:03	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			10/08/11 01:03	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			10/08/11 01:03	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			10/08/11 01:03	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			10/08/11 01:03	1
Dibromochloromethane	1.0	U	1.0	0.18	ug/L			10/08/11 01:03	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			10/08/11 01:03	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

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

<i>Surrogate</i>	<i>% Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	97		63 - 129		10/08/11 01:03	1
4-Bromofluorobenzene (Surr)	95		66 - 117		10/08/11 01:03	1
Toluene-d8 (Surr)	107		74 - 115		10/08/11 01:03	1
Dibromofluoromethane (Surr)	89		75 - 121		10/08/11 01:03	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: GW-17360-092911-EM-041

Date Collected: 09/29/11 10:25

Date Received: 10/01/11 09:30

Lab Sample ID: 240-4429-2

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			10/08/11 02:10	1
Benzene	1.0	U	1.0	0.13	ug/L			10/08/11 02:10	1
Bromodichloromethane	1.0	U	1.0	0.15	ug/L			10/08/11 02:10	1
Bromoform	1.0	U	1.0	0.64	ug/L			10/08/11 02:10	1
Bromomethane	1.0	U	1.0	0.41	ug/L			10/08/11 02:10	1
2-Butanone (MEK)	1.6	J	10	0.57	ug/L			10/08/11 02:10	1
Carbon disulfide	0.51	J	5.0	0.13	ug/L			10/08/11 02:10	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			10/08/11 02:10	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			10/08/11 02:10	1
Chloroethane	1.0	U	1.0	0.29	ug/L			10/08/11 02:10	1
Chloroform	1.0	U	1.0	0.16	ug/L			10/08/11 02:10	1
Chloromethane	1.0	U	1.0	0.30	ug/L			10/08/11 02:10	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			10/08/11 02:10	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			10/08/11 02:10	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			10/08/11 02:10	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			10/08/11 02:10	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			10/08/11 02:10	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			10/08/11 02:10	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			10/08/11 02:10	1
2-Hexanone	10	U	10	0.41	ug/L			10/08/11 02:10	1
Methylene Chloride	5.0	U	5.0	0.33	ug/L			10/08/11 02:10	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			10/08/11 02:10	1
Styrene	1.0	U	1.0	0.11	ug/L			10/08/11 02:10	1
1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			10/08/11 02:10	1
Tetrachloroethene	0.72	J	1.0	0.29	ug/L			10/08/11 02:10	1
Toluene	0.17	J	1.0	0.13	ug/L			10/08/11 02:10	1
Trichloroethene	0.20	J	1.0	0.17	ug/L			10/08/11 02:10	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			10/08/11 02:10	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			10/08/11 02:10	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			10/08/11 02:10	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			10/08/11 02:10	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			10/08/11 02:10	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.67	ug/L			10/08/11 02:10	1
1,2-Dibromoethane	1.0	U	1.0	0.24	ug/L			10/08/11 02:10	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			10/08/11 02:10	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			10/08/11 02:10	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			10/08/11 02:10	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			10/08/11 02:10	1
Methyl acetate	10	U	10	0.38	ug/L			10/08/11 02:10	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			10/08/11 02:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			10/08/11 02:10	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			10/08/11 02:10	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			10/08/11 02:10	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			10/08/11 02:10	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			10/08/11 02:10	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			10/08/11 02:10	1
Dibromochloromethane	1.0	U	1.0	0.18	ug/L			10/08/11 02:10	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			10/08/11 02:10	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

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

<i>Surrogate</i>	<i>% Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	98		63 - 129		10/08/11 02:10	1
4-Bromofluorobenzene (Surr)	102		66 - 117		10/08/11 02:10	1
Toluene-d8 (Surr)	110		74 - 115		10/08/11 02:10	1
Dibromofluoromethane (Surr)	95		75 - 121		10/08/11 02:10	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: GW-17360-092911-EM-042

Date Collected: 09/29/11 11:08

Date Received: 10/01/11 09:30

Lab Sample ID: 240-4429-3

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			10/08/11 02:32	1
Benzene	1.0	U	1.0	0.13	ug/L			10/08/11 02:32	1
Bromodichloromethane	1.0	U	1.0	0.15	ug/L			10/08/11 02:32	1
Bromoform	1.0	U	1.0	0.64	ug/L			10/08/11 02:32	1
Bromomethane	1.0	U	1.0	0.41	ug/L			10/08/11 02:32	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			10/08/11 02:32	1
Carbon disulfide	5.0	U	5.0	0.13	ug/L			10/08/11 02:32	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			10/08/11 02:32	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			10/08/11 02:32	1
Chloroethane	1.0	U	1.0	0.29	ug/L			10/08/11 02:32	1
Chloroform	1.0	U	1.0	0.16	ug/L			10/08/11 02:32	1
Chloromethane	1.0	U	1.0	0.30	ug/L			10/08/11 02:32	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			10/08/11 02:32	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			10/08/11 02:32	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			10/08/11 02:32	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			10/08/11 02:32	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			10/08/11 02:32	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			10/08/11 02:32	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			10/08/11 02:32	1
2-Hexanone	10	U	10	0.41	ug/L			10/08/11 02:32	1
Methylene Chloride	5.0	U	5.0	0.33	ug/L			10/08/11 02:32	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			10/08/11 02:32	1
Styrene	1.0	U	1.0	0.11	ug/L			10/08/11 02:32	1
1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			10/08/11 02:32	1
Tetrachloroethene	0.70	J	1.0	0.29	ug/L			10/08/11 02:32	1
Toluene	1.0	U	1.0	0.13	ug/L			10/08/11 02:32	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			10/08/11 02:32	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			10/08/11 02:32	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			10/08/11 02:32	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			10/08/11 02:32	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			10/08/11 02:32	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			10/08/11 02:32	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.67	ug/L			10/08/11 02:32	1
1,2-Dibromoethane	1.0	U	1.0	0.24	ug/L			10/08/11 02:32	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			10/08/11 02:32	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			10/08/11 02:32	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			10/08/11 02:32	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			10/08/11 02:32	1
Methyl acetate	10	U	10	0.38	ug/L			10/08/11 02:32	1
Methyl tert-butyl ether	0.17	J	5.0	0.17	ug/L			10/08/11 02:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			10/08/11 02:32	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			10/08/11 02:32	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			10/08/11 02:32	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			10/08/11 02:32	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			10/08/11 02:32	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			10/08/11 02:32	1
Dibromochloromethane	1.0	U	1.0	0.18	ug/L			10/08/11 02:32	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			10/08/11 02:32	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

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

<i>Surrogate</i>	<i>% Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	96		63 - 129		10/08/11 02:32	1
4-Bromofluorobenzene (Surr)	98		66 - 117		10/08/11 02:32	1
Toluene-d8 (Surr)	105		74 - 115		10/08/11 02:32	1
Dibromofluoromethane (Surr)	94		75 - 121		10/08/11 02:32	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: GW-17360-092911-EM-043

Date Collected: 09/29/11 11:15

Date Received: 10/01/11 09:30

Lab Sample ID: 240-4429-4

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			10/08/11 02:54	1
Benzene	1.0	U	1.0	0.13	ug/L			10/08/11 02:54	1
Bromodichloromethane	1.0	U	1.0	0.15	ug/L			10/08/11 02:54	1
Bromoform	1.0	U	1.0	0.64	ug/L			10/08/11 02:54	1
Bromomethane	1.0	U	1.0	0.41	ug/L			10/08/11 02:54	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			10/08/11 02:54	1
Carbon disulfide	5.0	U	5.0	0.13	ug/L			10/08/11 02:54	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			10/08/11 02:54	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			10/08/11 02:54	1
Chloroethane	1.0	U	1.0	0.29	ug/L			10/08/11 02:54	1
Chloroform	1.0	U	1.0	0.16	ug/L			10/08/11 02:54	1
Chloromethane	1.0	U	1.0	0.30	ug/L			10/08/11 02:54	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			10/08/11 02:54	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			10/08/11 02:54	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			10/08/11 02:54	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			10/08/11 02:54	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			10/08/11 02:54	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			10/08/11 02:54	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			10/08/11 02:54	1
2-Hexanone	10	U	10	0.41	ug/L			10/08/11 02:54	1
Methylene Chloride	5.0	U	5.0	0.33	ug/L			10/08/11 02:54	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			10/08/11 02:54	1
Styrene	1.0	U	1.0	0.11	ug/L			10/08/11 02:54	1
1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			10/08/11 02:54	1
Tetrachloroethene	0.71	J	1.0	0.29	ug/L			10/08/11 02:54	1
Toluene	1.0	U	1.0	0.13	ug/L			10/08/11 02:54	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			10/08/11 02:54	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			10/08/11 02:54	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			10/08/11 02:54	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			10/08/11 02:54	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			10/08/11 02:54	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			10/08/11 02:54	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.67	ug/L			10/08/11 02:54	1
1,2-Dibromoethane	1.0	U	1.0	0.24	ug/L			10/08/11 02:54	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			10/08/11 02:54	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			10/08/11 02:54	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			10/08/11 02:54	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			10/08/11 02:54	1
Methyl acetate	10	U	10	0.38	ug/L			10/08/11 02:54	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			10/08/11 02:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			10/08/11 02:54	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			10/08/11 02:54	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			10/08/11 02:54	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			10/08/11 02:54	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			10/08/11 02:54	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			10/08/11 02:54	1
Dibromochloromethane	1.0	U	1.0	0.18	ug/L			10/08/11 02:54	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			10/08/11 02:54	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

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

<i>Surrogate</i>	<i>% Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	93		63 - 129		10/08/11 02:54	1
4-Bromofluorobenzene (Surr)	100		66 - 117		10/08/11 02:54	1
Toluene-d8 (Surr)	103		74 - 115		10/08/11 02:54	1
Dibromofluoromethane (Surr)	94		75 - 121		10/08/11 02:54	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: GW-17360-092911-EM-044

Date Collected: 09/29/11 13:05

Date Received: 10/01/11 09:30

Lab Sample ID: 240-4429-5

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			10/08/11 03:16	1
Benzene	1.0	U	1.0	0.13	ug/L			10/08/11 03:16	1
Bromodichloromethane	1.0	U	1.0	0.15	ug/L			10/08/11 03:16	1
Bromoform	1.0	U	1.0	0.64	ug/L			10/08/11 03:16	1
Bromomethane	1.0	U	1.0	0.41	ug/L			10/08/11 03:16	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			10/08/11 03:16	1
Carbon disulfide	5.0	U	5.0	0.13	ug/L			10/08/11 03:16	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			10/08/11 03:16	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			10/08/11 03:16	1
Chloroethane	1.0	U	1.0	0.29	ug/L			10/08/11 03:16	1
Chloroform	1.0	U	1.0	0.16	ug/L			10/08/11 03:16	1
Chloromethane	1.0	U	1.0	0.30	ug/L			10/08/11 03:16	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			10/08/11 03:16	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			10/08/11 03:16	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			10/08/11 03:16	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			10/08/11 03:16	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			10/08/11 03:16	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			10/08/11 03:16	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			10/08/11 03:16	1
2-Hexanone	10	U	10	0.41	ug/L			10/08/11 03:16	1
Methylene Chloride	5.0	U	5.0	0.33	ug/L			10/08/11 03:16	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			10/08/11 03:16	1
Styrene	1.0	U	1.0	0.11	ug/L			10/08/11 03:16	1
1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			10/08/11 03:16	1
Tetrachloroethene	0.96	J	1.0	0.29	ug/L			10/08/11 03:16	1
Toluene	1.0	U	1.0	0.13	ug/L			10/08/11 03:16	1
Trichloroethene	0.43	J	1.0	0.17	ug/L			10/08/11 03:16	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			10/08/11 03:16	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			10/08/11 03:16	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			10/08/11 03:16	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			10/08/11 03:16	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			10/08/11 03:16	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.67	ug/L			10/08/11 03:16	1
1,2-Dibromoethane	1.0	U	1.0	0.24	ug/L			10/08/11 03:16	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			10/08/11 03:16	1
cis-1,2-Dichloroethene	0.76	J	1.0	0.17	ug/L			10/08/11 03:16	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			10/08/11 03:16	1
Isopropylbenzene	0.42	J	1.0	0.13	ug/L			10/08/11 03:16	1
Methyl acetate	10	U	10	0.38	ug/L			10/08/11 03:16	1
Methyl tert-butyl ether	0.30	J	5.0	0.17	ug/L			10/08/11 03:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			10/08/11 03:16	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			10/08/11 03:16	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			10/08/11 03:16	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			10/08/11 03:16	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			10/08/11 03:16	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			10/08/11 03:16	1
Dibromochloromethane	1.0	U	1.0	0.18	ug/L			10/08/11 03:16	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			10/08/11 03:16	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

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

<i>Surrogate</i>	<i>% Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	98		63 - 129		10/08/11 03:16	1
4-Bromofluorobenzene (Surr)	103		66 - 117		10/08/11 03:16	1
Toluene-d8 (Surr)	109		74 - 115		10/08/11 03:16	1
Dibromofluoromethane (Surr)	96		75 - 121		10/08/11 03:16	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: GW-17360-092911-EM-045

Date Collected: 09/29/11 14:27

Date Received: 10/01/11 09:30

Lab Sample ID: 240-4429-6

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			10/08/11 03:39	1
Benzene	1.0	U	1.0	0.13	ug/L			10/08/11 03:39	1
Bromodichloromethane	1.0	U	1.0	0.15	ug/L			10/08/11 03:39	1
Bromoform	1.0	U	1.0	0.64	ug/L			10/08/11 03:39	1
Bromomethane	1.0	U	1.0	0.41	ug/L			10/08/11 03:39	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			10/08/11 03:39	1
Carbon disulfide	5.0	U	5.0	0.13	ug/L			10/08/11 03:39	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			10/08/11 03:39	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			10/08/11 03:39	1
Chloroethane	1.0	U	1.0	0.29	ug/L			10/08/11 03:39	1
Chloroform	1.0	U	1.0	0.16	ug/L			10/08/11 03:39	1
Chloromethane	1.0	U	1.0	0.30	ug/L			10/08/11 03:39	1
1,1-Dichloroethane	0.45	J	1.0	0.15	ug/L			10/08/11 03:39	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			10/08/11 03:39	1
1,1-Dichloroethene	0.69	J	1.0	0.19	ug/L			10/08/11 03:39	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			10/08/11 03:39	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			10/08/11 03:39	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			10/08/11 03:39	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			10/08/11 03:39	1
2-Hexanone	10	U	10	0.41	ug/L			10/08/11 03:39	1
Methylene Chloride	5.0	U	5.0	0.33	ug/L			10/08/11 03:39	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			10/08/11 03:39	1
Styrene	1.0	U	1.0	0.11	ug/L			10/08/11 03:39	1
1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			10/08/11 03:39	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			10/08/11 03:39	1
Toluene	1.0	U	1.0	0.13	ug/L			10/08/11 03:39	1
Trichloroethene	1.6		1.0	0.17	ug/L			10/08/11 03:39	1
Vinyl chloride	1.1		1.0	0.22	ug/L			10/08/11 03:39	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			10/08/11 03:39	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			10/08/11 03:39	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			10/08/11 03:39	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			10/08/11 03:39	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.67	ug/L			10/08/11 03:39	1
1,2-Dibromoethane	1.0	U	1.0	0.24	ug/L			10/08/11 03:39	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			10/08/11 03:39	1
cis-1,2-Dichloroethene	2.7		1.0	0.17	ug/L			10/08/11 03:39	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			10/08/11 03:39	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			10/08/11 03:39	1
Methyl acetate	10	U	10	0.38	ug/L			10/08/11 03:39	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			10/08/11 03:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			10/08/11 03:39	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			10/08/11 03:39	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			10/08/11 03:39	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			10/08/11 03:39	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			10/08/11 03:39	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			10/08/11 03:39	1
Dibromochloromethane	1.0	U	1.0	0.18	ug/L			10/08/11 03:39	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			10/08/11 03:39	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

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

<i>Surrogate</i>	<i>% Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	97		63 - 129		10/08/11 03:39	1
4-Bromofluorobenzene (Surr)	100		66 - 117		10/08/11 03:39	1
Toluene-d8 (Surr)	109		74 - 115		10/08/11 03:39	1
Dibromofluoromethane (Surr)	97		75 - 121		10/08/11 03:39	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: GW-17360-092911-EM-046

Date Collected: 09/29/11 15:36

Date Received: 10/01/11 09:30

Lab Sample ID: 240-4429-7

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			10/08/11 04:01	1
Benzene	1.0	U	1.0	0.13	ug/L			10/08/11 04:01	1
Bromodichloromethane	1.0	U	1.0	0.15	ug/L			10/08/11 04:01	1
Bromoform	1.0	U	1.0	0.64	ug/L			10/08/11 04:01	1
Bromomethane	1.0	U	1.0	0.41	ug/L			10/08/11 04:01	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			10/08/11 04:01	1
Carbon disulfide	5.0	U	5.0	0.13	ug/L			10/08/11 04:01	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			10/08/11 04:01	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			10/08/11 04:01	1
Chloroethane	1.0	U	1.0	0.29	ug/L			10/08/11 04:01	1
Chloroform	1.0	U	1.0	0.16	ug/L			10/08/11 04:01	1
Chloromethane	1.0	U	1.0	0.30	ug/L			10/08/11 04:01	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			10/08/11 04:01	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			10/08/11 04:01	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			10/08/11 04:01	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			10/08/11 04:01	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			10/08/11 04:01	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			10/08/11 04:01	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			10/08/11 04:01	1
2-Hexanone	10	U	10	0.41	ug/L			10/08/11 04:01	1
Methylene Chloride	5.0	U	5.0	0.33	ug/L			10/08/11 04:01	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			10/08/11 04:01	1
Styrene	1.0	U	1.0	0.11	ug/L			10/08/11 04:01	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			10/08/11 04:01	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			10/08/11 04:01	1
Toluene	1.0	U	1.0	0.13	ug/L			10/08/11 04:01	1
Trichloroethene	15		1.0	0.17	ug/L			10/08/11 04:01	1
Vinyl chloride	2.6		1.0	0.22	ug/L			10/08/11 04:01	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			10/08/11 04:01	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			10/08/11 04:01	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			10/08/11 04:01	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			10/08/11 04:01	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.67	ug/L			10/08/11 04:01	1
1,2-Dibromoethane	1.0	U	1.0	0.24	ug/L			10/08/11 04:01	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			10/08/11 04:01	1
cis-1,2-Dichloroethene	12		1.0	0.17	ug/L			10/08/11 04:01	1
trans-1,2-Dichloroethene	2.6		1.0	0.19	ug/L			10/08/11 04:01	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			10/08/11 04:01	1
Methyl acetate	10	U	10	0.38	ug/L			10/08/11 04:01	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			10/08/11 04:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			10/08/11 04:01	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			10/08/11 04:01	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			10/08/11 04:01	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			10/08/11 04:01	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			10/08/11 04:01	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			10/08/11 04:01	1
Dibromochloromethane	1.0	U	1.0	0.18	ug/L			10/08/11 04:01	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			10/08/11 04:01	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

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

<i>Surrogate</i>	<i>% Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	98		63 - 129		10/08/11 04:01	1
4-Bromofluorobenzene (Surr)	100		66 - 117		10/08/11 04:01	1
Toluene-d8 (Surr)	107		74 - 115		10/08/11 04:01	1
Dibromofluoromethane (Surr)	97		75 - 121		10/08/11 04:01	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: GW-17360-092911-EM-047

Date Collected: 09/29/11 16:40

Date Received: 10/01/11 09:30

Lab Sample ID: 240-4429-8

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	11		10	1.1	ug/L			10/08/11 04:23	1
Benzene	1.0	U	1.0	0.13	ug/L			10/08/11 04:23	1
Bromodichloromethane	1.0	U	1.0	0.15	ug/L			10/08/11 04:23	1
Bromoform	1.0	U	1.0	0.64	ug/L			10/08/11 04:23	1
Bromomethane	1.0	U	1.0	0.41	ug/L			10/08/11 04:23	1
2-Butanone (MEK)	1.1	J	10	0.57	ug/L			10/08/11 04:23	1
Carbon disulfide	5.0	U	5.0	0.13	ug/L			10/08/11 04:23	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			10/08/11 04:23	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			10/08/11 04:23	1
Chloroethane	1.0	U	1.0	0.29	ug/L			10/08/11 04:23	1
Chloroform	1.0	U	1.0	0.16	ug/L			10/08/11 04:23	1
Chloromethane	1.0	U	1.0	0.30	ug/L			10/08/11 04:23	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			10/08/11 04:23	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			10/08/11 04:23	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			10/08/11 04:23	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			10/08/11 04:23	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			10/08/11 04:23	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			10/08/11 04:23	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			10/08/11 04:23	1
2-Hexanone	10	U	10	0.41	ug/L			10/08/11 04:23	1
Methylene Chloride	5.0	U	5.0	0.33	ug/L			10/08/11 04:23	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			10/08/11 04:23	1
Styrene	0.27	J	1.0	0.11	ug/L			10/08/11 04:23	1
1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			10/08/11 04:23	1
Tetrachloroethene	0.57	J	1.0	0.29	ug/L			10/08/11 04:23	1
Toluene	1.0	U	1.0	0.13	ug/L			10/08/11 04:23	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			10/08/11 04:23	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			10/08/11 04:23	1
Xylenes, Total	0.71	J	2.0	0.28	ug/L			10/08/11 04:23	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			10/08/11 04:23	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			10/08/11 04:23	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			10/08/11 04:23	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.67	ug/L			10/08/11 04:23	1
1,2-Dibromoethane	1.0	U	1.0	0.24	ug/L			10/08/11 04:23	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			10/08/11 04:23	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			10/08/11 04:23	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			10/08/11 04:23	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			10/08/11 04:23	1
Methyl acetate	10	U	10	0.38	ug/L			10/08/11 04:23	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			10/08/11 04:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			10/08/11 04:23	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			10/08/11 04:23	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			10/08/11 04:23	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			10/08/11 04:23	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			10/08/11 04:23	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			10/08/11 04:23	1
Dibromochloromethane	1.0	U	1.0	0.18	ug/L			10/08/11 04:23	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			10/08/11 04:23	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

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

<i>Surrogate</i>	<i>% Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	98		63 - 129		10/08/11 04:23	1
4-Bromofluorobenzene (Surr)	101		66 - 117		10/08/11 04:23	1
Toluene-d8 (Surr)	107		74 - 115		10/08/11 04:23	1
Dibromofluoromethane (Surr)	94		75 - 121		10/08/11 04:23	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: GW-17360-092911-EM-048

Date Collected: 09/29/11 16:12

Date Received: 10/01/11 09:30

Lab Sample ID: 240-4429-9

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	12		10	1.1	ug/L			10/08/11 04:45	1
Benzene	1.0	U	1.0	0.13	ug/L			10/08/11 04:45	1
Bromodichloromethane	1.0	U	1.0	0.15	ug/L			10/08/11 04:45	1
Bromoform	1.0	U	1.0	0.64	ug/L			10/08/11 04:45	1
Bromomethane	1.0	U	1.0	0.41	ug/L			10/08/11 04:45	1
2-Butanone (MEK)	3.3	J	10	0.57	ug/L			10/08/11 04:45	1
Carbon disulfide	5.0	U	5.0	0.13	ug/L			10/08/11 04:45	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			10/08/11 04:45	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			10/08/11 04:45	1
Chloroethane	1.0	U	1.0	0.29	ug/L			10/08/11 04:45	1
Chloroform	1.0	U	1.0	0.16	ug/L			10/08/11 04:45	1
Chloromethane	1.0	U	1.0	0.30	ug/L			10/08/11 04:45	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			10/08/11 04:45	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			10/08/11 04:45	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			10/08/11 04:45	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			10/08/11 04:45	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			10/08/11 04:45	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			10/08/11 04:45	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			10/08/11 04:45	1
2-Hexanone	10	U	10	0.41	ug/L			10/08/11 04:45	1
Methylene Chloride	5.0	U	5.0	0.33	ug/L			10/08/11 04:45	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			10/08/11 04:45	1
Styrene	0.13	J	1.0	0.11	ug/L			10/08/11 04:45	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			10/08/11 04:45	1
Tetrachloroethene	0.32	J	1.0	0.29	ug/L			10/08/11 04:45	1
Toluene	1.0	U	1.0	0.13	ug/L			10/08/11 04:45	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			10/08/11 04:45	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			10/08/11 04:45	1
Xylenes, Total	0.60	J	2.0	0.28	ug/L			10/08/11 04:45	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			10/08/11 04:45	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			10/08/11 04:45	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			10/08/11 04:45	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.67	ug/L			10/08/11 04:45	1
1,2-Dibromoethane	1.0	U	1.0	0.24	ug/L			10/08/11 04:45	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			10/08/11 04:45	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			10/08/11 04:45	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			10/08/11 04:45	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			10/08/11 04:45	1
Methyl acetate	10	U	10	0.38	ug/L			10/08/11 04:45	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			10/08/11 04:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			10/08/11 04:45	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			10/08/11 04:45	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			10/08/11 04:45	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			10/08/11 04:45	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			10/08/11 04:45	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			10/08/11 04:45	1
Dibromochloromethane	1.0	U	1.0	0.18	ug/L			10/08/11 04:45	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			10/08/11 04:45	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

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

<i>Surrogate</i>	<i>% Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	98		63 - 129		10/08/11 04:45	1
4-Bromofluorobenzene (Surr)	101		66 - 117		10/08/11 04:45	1
Toluene-d8 (Surr)	106		74 - 115		10/08/11 04:45	1
Dibromofluoromethane (Surr)	94		75 - 121		10/08/11 04:45	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: GW-17360-092911-EM-049

Lab Sample ID: 240-4429-10

Date Collected: 09/29/11 16:25

Matrix: Water

Date Received: 10/01/11 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	11		10	1.1	ug/L			10/08/11 05:07	1
Benzene	1.0	U	1.0	0.13	ug/L			10/08/11 05:07	1
Bromodichloromethane	1.0	U	1.0	0.15	ug/L			10/08/11 05:07	1
Bromoform	1.0	U	1.0	0.64	ug/L			10/08/11 05:07	1
Bromomethane	1.0	U	1.0	0.41	ug/L			10/08/11 05:07	1
2-Butanone (MEK)	0.95	J	10	0.57	ug/L			10/08/11 05:07	1
Carbon disulfide	5.0	U	5.0	0.13	ug/L			10/08/11 05:07	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			10/08/11 05:07	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			10/08/11 05:07	1
Chloroethane	1.0	U	1.0	0.29	ug/L			10/08/11 05:07	1
Chloroform	1.0	U	1.0	0.16	ug/L			10/08/11 05:07	1
Chloromethane	1.0	U	1.0	0.30	ug/L			10/08/11 05:07	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			10/08/11 05:07	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			10/08/11 05:07	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			10/08/11 05:07	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			10/08/11 05:07	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			10/08/11 05:07	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			10/08/11 05:07	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			10/08/11 05:07	1
2-Hexanone	10	U	10	0.41	ug/L			10/08/11 05:07	1
Methylene Chloride	5.0	U	5.0	0.33	ug/L			10/08/11 05:07	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			10/08/11 05:07	1
Styrene	1.0	U	1.0	0.11	ug/L			10/08/11 05:07	1
1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			10/08/11 05:07	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			10/08/11 05:07	1
Toluene	1.0	U	1.0	0.13	ug/L			10/08/11 05:07	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			10/08/11 05:07	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			10/08/11 05:07	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			10/08/11 05:07	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			10/08/11 05:07	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			10/08/11 05:07	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			10/08/11 05:07	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.67	ug/L			10/08/11 05:07	1
1,2-Dibromoethane	1.0	U	1.0	0.24	ug/L			10/08/11 05:07	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			10/08/11 05:07	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			10/08/11 05:07	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			10/08/11 05:07	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			10/08/11 05:07	1
Methyl acetate	10	U	10	0.38	ug/L			10/08/11 05:07	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			10/08/11 05:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			10/08/11 05:07	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			10/08/11 05:07	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			10/08/11 05:07	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			10/08/11 05:07	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			10/08/11 05:07	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			10/08/11 05:07	1
Dibromochloromethane	1.0	U	1.0	0.18	ug/L			10/08/11 05:07	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			10/08/11 05:07	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

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

<i>Surrogate</i>	<i>% Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	97		63 - 129		10/08/11 05:07	1
4-Bromofluorobenzene (Surr)	98		66 - 117		10/08/11 05:07	1
Toluene-d8 (Surr)	106		74 - 115		10/08/11 05:07	1
Dibromofluoromethane (Surr)	91		75 - 121		10/08/11 05:07	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: GW-17360-093011-EM-050

Date Collected: 09/30/11 09:49

Date Received: 10/01/11 09:30

Lab Sample ID: 240-4429-11

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			10/08/11 05:30	1
Benzene	1.0	U	1.0	0.13	ug/L			10/08/11 05:30	1
Bromodichloromethane	1.0	U	1.0	0.15	ug/L			10/08/11 05:30	1
Bromoform	1.0	U	1.0	0.64	ug/L			10/08/11 05:30	1
Bromomethane	1.0	U	1.0	0.41	ug/L			10/08/11 05:30	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			10/08/11 05:30	1
Carbon disulfide	5.0	U	5.0	0.13	ug/L			10/08/11 05:30	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			10/08/11 05:30	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			10/08/11 05:30	1
Chloroethane	1.0	U	1.0	0.29	ug/L			10/08/11 05:30	1
Chloroform	0.61	J	1.0	0.16	ug/L			10/08/11 05:30	1
Chloromethane	1.0	U	1.0	0.30	ug/L			10/08/11 05:30	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			10/08/11 05:30	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			10/08/11 05:30	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			10/08/11 05:30	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			10/08/11 05:30	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			10/08/11 05:30	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			10/08/11 05:30	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			10/08/11 05:30	1
2-Hexanone	10	U	10	0.41	ug/L			10/08/11 05:30	1
Methylene Chloride	5.0	U	5.0	0.33	ug/L			10/08/11 05:30	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			10/08/11 05:30	1
Styrene	1.0	U	1.0	0.11	ug/L			10/08/11 05:30	1
1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			10/08/11 05:30	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			10/08/11 05:30	1
Toluene	1.0	U	1.0	0.13	ug/L			10/08/11 05:30	1
Trichloroethene	1.9		1.0	0.17	ug/L			10/08/11 05:30	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			10/08/11 05:30	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			10/08/11 05:30	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			10/08/11 05:30	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			10/08/11 05:30	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			10/08/11 05:30	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.67	ug/L			10/08/11 05:30	1
1,2-Dibromoethane	1.0	U	1.0	0.24	ug/L			10/08/11 05:30	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			10/08/11 05:30	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			10/08/11 05:30	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			10/08/11 05:30	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			10/08/11 05:30	1
Methyl acetate	10	U	10	0.38	ug/L			10/08/11 05:30	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			10/08/11 05:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			10/08/11 05:30	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			10/08/11 05:30	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			10/08/11 05:30	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			10/08/11 05:30	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			10/08/11 05:30	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			10/08/11 05:30	1
Dibromochloromethane	1.0	U	1.0	0.18	ug/L			10/08/11 05:30	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			10/08/11 05:30	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

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

<i>Surrogate</i>	<i>% Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	98		63 - 129		10/08/11 05:30	1
4-Bromofluorobenzene (Surr)	99		66 - 117		10/08/11 05:30	1
Toluene-d8 (Surr)	110		74 - 115		10/08/11 05:30	1
Dibromofluoromethane (Surr)	94		75 - 121		10/08/11 05:30	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: GW-17360-093011-EM-051

Date Collected: 09/30/11 10:53

Date Received: 10/01/11 09:30

Lab Sample ID: 240-4429-12

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			10/08/11 05:52	1
Benzene	1.0	U	1.0	0.13	ug/L			10/08/11 05:52	1
Bromodichloromethane	1.0	U	1.0	0.15	ug/L			10/08/11 05:52	1
Bromoform	1.0	U	1.0	0.64	ug/L			10/08/11 05:52	1
Bromomethane	1.0	U	1.0	0.41	ug/L			10/08/11 05:52	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			10/08/11 05:52	1
Carbon disulfide	5.0	U	5.0	0.13	ug/L			10/08/11 05:52	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			10/08/11 05:52	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			10/08/11 05:52	1
Chloroethane	1.0	U	1.0	0.29	ug/L			10/08/11 05:52	1
Chloroform	0.24	J	1.0	0.16	ug/L			10/08/11 05:52	1
Chloromethane	1.0	U	1.0	0.30	ug/L			10/08/11 05:52	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			10/08/11 05:52	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			10/08/11 05:52	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			10/08/11 05:52	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			10/08/11 05:52	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			10/08/11 05:52	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			10/08/11 05:52	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			10/08/11 05:52	1
2-Hexanone	10	U	10	0.41	ug/L			10/08/11 05:52	1
Methylene Chloride	5.0	U	5.0	0.33	ug/L			10/08/11 05:52	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			10/08/11 05:52	1
Styrene	1.0	U	1.0	0.11	ug/L			10/08/11 05:52	1
1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			10/08/11 05:52	1
Tetrachloroethene	0.34	J	1.0	0.29	ug/L			10/08/11 05:52	1
Toluene	1.0	U	1.0	0.13	ug/L			10/08/11 05:52	1
Trichloroethene	0.22	J	1.0	0.17	ug/L			10/08/11 05:52	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			10/08/11 05:52	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			10/08/11 05:52	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			10/08/11 05:52	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			10/08/11 05:52	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			10/08/11 05:52	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.67	ug/L			10/08/11 05:52	1
1,2-Dibromoethane	1.0	U	1.0	0.24	ug/L			10/08/11 05:52	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			10/08/11 05:52	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			10/08/11 05:52	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			10/08/11 05:52	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			10/08/11 05:52	1
Methyl acetate	10	U	10	0.38	ug/L			10/08/11 05:52	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			10/08/11 05:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			10/08/11 05:52	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			10/08/11 05:52	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			10/08/11 05:52	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			10/08/11 05:52	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			10/08/11 05:52	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			10/08/11 05:52	1
Dibromochloromethane	1.0	U	1.0	0.18	ug/L			10/08/11 05:52	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			10/08/11 05:52	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

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

<i>Surrogate</i>	<i>% Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	97		63 - 129		10/08/11 05:52	1
4-Bromofluorobenzene (Surr)	97		66 - 117		10/08/11 05:52	1
Toluene-d8 (Surr)	109		74 - 115		10/08/11 05:52	1
Dibromofluoromethane (Surr)	90		75 - 121		10/08/11 05:52	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: GW-17360-093011-EM-052

Date Collected: 09/30/11 13:30

Date Received: 10/01/11 09:30

Lab Sample ID: 240-4429-13

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			10/08/11 06:14	1
Benzene	1.0	U	1.0	0.13	ug/L			10/08/11 06:14	1
Bromodichloromethane	1.0	U	1.0	0.15	ug/L			10/08/11 06:14	1
Bromoform	1.0	U	1.0	0.64	ug/L			10/08/11 06:14	1
Bromomethane	1.0	U	1.0	0.41	ug/L			10/08/11 06:14	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			10/08/11 06:14	1
Carbon disulfide	5.0	U	5.0	0.13	ug/L			10/08/11 06:14	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			10/08/11 06:14	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			10/08/11 06:14	1
Chloroethane	1.0	U	1.0	0.29	ug/L			10/08/11 06:14	1
Chloroform	1.0	U	1.0	0.16	ug/L			10/08/11 06:14	1
Chloromethane	1.0	U	1.0	0.30	ug/L			10/08/11 06:14	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			10/08/11 06:14	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			10/08/11 06:14	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			10/08/11 06:14	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			10/08/11 06:14	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			10/08/11 06:14	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			10/08/11 06:14	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			10/08/11 06:14	1
2-Hexanone	10	U	10	0.41	ug/L			10/08/11 06:14	1
Methylene Chloride	5.0	U	5.0	0.33	ug/L			10/08/11 06:14	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			10/08/11 06:14	1
Styrene	1.0	U	1.0	0.11	ug/L			10/08/11 06:14	1
1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			10/08/11 06:14	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			10/08/11 06:14	1
Toluene	1.0	U	1.0	0.13	ug/L			10/08/11 06:14	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			10/08/11 06:14	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			10/08/11 06:14	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			10/08/11 06:14	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			10/08/11 06:14	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			10/08/11 06:14	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			10/08/11 06:14	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.67	ug/L			10/08/11 06:14	1
1,2-Dibromoethane	1.0	U	1.0	0.24	ug/L			10/08/11 06:14	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			10/08/11 06:14	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			10/08/11 06:14	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			10/08/11 06:14	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			10/08/11 06:14	1
Methyl acetate	10	U	10	0.38	ug/L			10/08/11 06:14	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			10/08/11 06:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			10/08/11 06:14	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			10/08/11 06:14	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			10/08/11 06:14	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			10/08/11 06:14	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			10/08/11 06:14	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			10/08/11 06:14	1
Dibromochloromethane	1.0	U	1.0	0.18	ug/L			10/08/11 06:14	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			10/08/11 06:14	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

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

<i>Surrogate</i>	<i>% Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	98		63 - 129		10/08/11 06:14	1
4-Bromofluorobenzene (Surr)	99		66 - 117		10/08/11 06:14	1
Toluene-d8 (Surr)	112		74 - 115		10/08/11 06:14	1
Dibromofluoromethane (Surr)	91		75 - 121		10/08/11 06:14	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: TRIP BLANK-17360-093011-EM-053

Lab Sample ID: 240-4429-14

Date Collected: 09/30/11 00:00

Matrix: Water

Date Received: 10/01/11 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			10/08/11 06:37	1
Benzene	1.0	U	1.0	0.13	ug/L			10/08/11 06:37	1
Bromodichloromethane	1.0	U	1.0	0.15	ug/L			10/08/11 06:37	1
Bromoform	1.0	U	1.0	0.64	ug/L			10/08/11 06:37	1
Bromomethane	1.0	U	1.0	0.41	ug/L			10/08/11 06:37	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			10/08/11 06:37	1
Carbon disulfide	5.0	U	5.0	0.13	ug/L			10/08/11 06:37	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			10/08/11 06:37	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			10/08/11 06:37	1
Chloroethane	1.0	U	1.0	0.29	ug/L			10/08/11 06:37	1
Chloroform	1.0	U	1.0	0.16	ug/L			10/08/11 06:37	1
Chloromethane	1.0	U	1.0	0.30	ug/L			10/08/11 06:37	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			10/08/11 06:37	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			10/08/11 06:37	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			10/08/11 06:37	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			10/08/11 06:37	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			10/08/11 06:37	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			10/08/11 06:37	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			10/08/11 06:37	1
2-Hexanone	10	U	10	0.41	ug/L			10/08/11 06:37	1
Methylene Chloride	5.0	U	5.0	0.33	ug/L			10/08/11 06:37	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			10/08/11 06:37	1
Styrene	1.0	U	1.0	0.11	ug/L			10/08/11 06:37	1
1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			10/08/11 06:37	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			10/08/11 06:37	1
Toluene	1.0	U	1.0	0.13	ug/L			10/08/11 06:37	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			10/08/11 06:37	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			10/08/11 06:37	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			10/08/11 06:37	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			10/08/11 06:37	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			10/08/11 06:37	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			10/08/11 06:37	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.67	ug/L			10/08/11 06:37	1
1,2-Dibromoethane	1.0	U	1.0	0.24	ug/L			10/08/11 06:37	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			10/08/11 06:37	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			10/08/11 06:37	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			10/08/11 06:37	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			10/08/11 06:37	1
Methyl acetate	10	U	10	0.38	ug/L			10/08/11 06:37	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			10/08/11 06:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			10/08/11 06:37	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			10/08/11 06:37	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			10/08/11 06:37	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			10/08/11 06:37	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			10/08/11 06:37	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			10/08/11 06:37	1
Dibromochloromethane	1.0	U	1.0	0.18	ug/L			10/08/11 06:37	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			10/08/11 06:37	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

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

<i>Surrogate</i>	<i>% Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	97		63 - 129		10/08/11 06:37	1
4-Bromofluorobenzene (Surr)	101		66 - 117		10/08/11 06:37	1
Toluene-d8 (Surr)	108		74 - 115		10/08/11 06:37	1
Dibromofluoromethane (Surr)	92		75 - 121		10/08/11 06:37	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

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

Client Sample ID: GW-17360-093011-EM-052

Lab Sample ID: 240-4429-13

Date Collected: 09/30/11 13:30

Matrix: Water

Date Received: 10/01/11 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	1.0	U	1.0	0.10	ug/L		10/05/11 08:19	10/12/11 10:45	1
Benzo[a]pyrene	1.0	U	1.0	0.10	ug/L		10/05/11 08:19	10/12/11 10:45	1
Benzo[b]fluoranthene	1.0	U	1.0	0.10	ug/L		10/05/11 08:19	10/12/11 10:45	1
Benzo[g,h,i]perylene	1.0	U	1.0	0.10	ug/L		10/05/11 08:19	10/12/11 10:45	1
Benzo[k]fluoranthene	1.0	U	1.0	0.10	ug/L		10/05/11 08:19	10/12/11 10:45	1
Anthracene	5.0	U	5.0	0.10	ug/L		10/05/11 08:19	10/12/11 10:45	1
Chrysene	1.0	U	1.0	0.10	ug/L		10/05/11 08:19	10/12/11 10:45	1
Dibenz[a,h]anthracene	2.0	U	2.0	0.10	ug/L		10/05/11 08:19	10/12/11 10:45	1
Fluoranthene	1.0	U	1.0	0.10	ug/L		10/05/11 08:19	10/12/11 10:45	1
Fluorene	5.0	U	5.0	0.10	ug/L		10/05/11 08:19	10/12/11 10:45	1
Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.10	ug/L		10/05/11 08:19	10/12/11 10:45	1
Phenanthrene	2.0	U	2.0	0.10	ug/L		10/05/11 08:19	10/12/11 10:45	1
Pyrene	5.0	U	5.0	0.10	ug/L		10/05/11 08:19	10/12/11 10:45	1
Acenaphthene	5.0	U	5.0	0.10	ug/L		10/05/11 08:19	10/12/11 10:45	1
Acenaphthylene	5.0	U	5.0	0.10	ug/L		10/05/11 08:19	10/12/11 10:45	1
Naphthalene	5.0	U	5.0	0.10	ug/L		10/05/11 08:19	10/12/11 10:45	1
2-Methylnaphthalene	5.0	U	5.0	0.10	ug/L		10/05/11 08:19	10/12/11 10:45	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	60		28 - 110	10/05/11 08:19	10/12/11 10:45	1
2-Fluorophenol (Surr)	56		10 - 110	10/05/11 08:19	10/12/11 10:45	1
2,4,6-Tribromophenol (Surr)	71		22 - 120	10/05/11 08:19	10/12/11 10:45	1
Nitrobenzene-d5 (Surr)	58		27 - 111	10/05/11 08:19	10/12/11 10:45	1
Phenol-d5 (Surr)	61		10 - 110	10/05/11 08:19	10/12/11 10:45	1
Terphenyl-d14 (Surr)	73		37 - 119	10/05/11 08:19	10/12/11 10:45	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

Method: 8270C - TCL Semivolatile Compounds (OLMO4.2)

Client Sample ID: GW-17360-092911-EM-040

Lab Sample ID: 240-4429-1

Date Collected: 09/29/11 11:55

Matrix: Water

Date Received: 10/01/11 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	4.8	U	4.8	0.77	ug/L		10/04/11 08:07	10/11/11 11:08	1
2,2'-oxybis[1-chloropropane]	4.8	U	4.8	0.38	ug/L		10/04/11 08:07	10/11/11 11:08	1
2,4,5-Trichlorophenol	4.8	U	4.8	0.29	ug/L		10/04/11 08:07	10/11/11 11:08	1
2,4,6-Trichlorophenol	3.8	U	3.8	0.77	ug/L		10/04/11 08:07	10/11/11 11:08	1
2,4-Dichlorophenol	9.6	U	9.6	0.77	ug/L		10/04/11 08:07	10/11/11 11:08	1
2,4-Dimethylphenol	4.8	U	4.8	0.77	ug/L		10/04/11 08:07	10/11/11 11:08	1
2,4-Dinitrophenol	19	U	19	2.3	ug/L		10/04/11 08:07	10/11/11 11:08	1
2,4-Dinitrotoluene	4.8	U	4.8	0.26	ug/L		10/04/11 08:07	10/11/11 11:08	1
2,6-Dinitrotoluene	4.8	U	4.8	0.77	ug/L		10/04/11 08:07	10/11/11 11:08	1
2-Chloronaphthalene	4.8	U	4.8	0.096	ug/L		10/04/11 08:07	10/11/11 11:08	1
2-Chlorophenol	4.8	U	4.8	0.28	ug/L		10/04/11 08:07	10/11/11 11:08	1
2-Methylnaphthalene	4.8	U	4.8	0.096	ug/L		10/04/11 08:07	10/11/11 11:08	1
2-Methylphenol	4.8	U	4.8	0.77	ug/L		10/04/11 08:07	10/11/11 11:08	1
2-Nitroaniline	19	U	19	0.77	ug/L		10/04/11 08:07	10/11/11 11:08	1
2-Nitrophenol	4.8	U	4.8	0.27	ug/L		10/04/11 08:07	10/11/11 11:08	1
3,3'-Dichlorobenzidine	0.96	U	0.96	0.36	ug/L		10/04/11 08:07	10/11/11 11:08	1
3-Nitroaniline	19	U	19	0.27	ug/L		10/04/11 08:07	10/11/11 11:08	1
4,6-Dinitro-2-methylphenol	19	U	19	2.3	ug/L		10/04/11 08:07	10/11/11 11:08	1
4-Bromophenyl phenyl ether	4.8	U	4.8	0.77	ug/L		10/04/11 08:07	10/11/11 11:08	1
4-Chloro-3-methylphenol	4.8	U	4.8	0.77	ug/L		10/04/11 08:07	10/11/11 11:08	1
4-Chloroaniline	9.6	U	9.6	0.77	ug/L		10/04/11 08:07	10/11/11 11:08	1
4-Chlorophenyl phenyl ether	4.8	U	4.8	0.29	ug/L		10/04/11 08:07	10/11/11 11:08	1
4-Nitroaniline	19	U	19	0.77	ug/L		10/04/11 08:07	10/11/11 11:08	1
4-Nitrophenol	19	U	19	2.3	ug/L		10/04/11 08:07	10/11/11 11:08	1
Acenaphthene	4.8	U	4.8	0.096	ug/L		10/04/11 08:07	10/11/11 11:08	1
Acenaphthylene	4.8	U	4.8	0.096	ug/L		10/04/11 08:07	10/11/11 11:08	1
Acetophenone	4.8	U	4.8	0.33	ug/L		10/04/11 08:07	10/11/11 11:08	1
Anthracene	4.8	U	4.8	0.096	ug/L		10/04/11 08:07	10/11/11 11:08	1
Atrazine	2.9	U	2.9	0.33	ug/L		10/04/11 08:07	10/11/11 11:08	1
Benzaldehyde	4.8	U	4.8	0.37	ug/L		10/04/11 08:07	10/11/11 11:08	1
Benzo[a]anthracene	0.96	U	0.96	0.096	ug/L		10/04/11 08:07	10/11/11 11:08	1
Benzo[a]pyrene	0.96	U	0.96	0.096	ug/L		10/04/11 08:07	10/11/11 11:08	1
Benzo[b]fluoranthene	0.96	U	0.96	0.096	ug/L		10/04/11 08:07	10/11/11 11:08	1
Benzo[g,h,i]perylene	0.96	U	0.96	0.096	ug/L		10/04/11 08:07	10/11/11 11:08	1
Benzo[k]fluoranthene	0.96	U	0.96	0.096	ug/L		10/04/11 08:07	10/11/11 11:08	1
Bis(2-chloroethoxy)methane	4.8	U	4.8	0.31	ug/L		10/04/11 08:07	10/11/11 11:08	1
Bis(2-chloroethyl)ether	0.96	U	0.96	0.096	ug/L		10/04/11 08:07	10/11/11 11:08	1
Bis(2-ethylhexyl) phthalate	4.8	U	4.8	0.77	ug/L		10/04/11 08:07	10/11/11 11:08	1
Butyl benzyl phthalate	4.8	U	4.8	0.77	ug/L		10/04/11 08:07	10/11/11 11:08	1
Caprolactam	9.6	U	9.6	0.77	ug/L		10/04/11 08:07	10/11/11 11:08	1
Carbazole	9.6	U	9.6	0.27	ug/L		10/04/11 08:07	10/11/11 11:08	1
Chrysene	0.96	U	0.96	0.096	ug/L		10/04/11 08:07	10/11/11 11:08	1
Dibenz(a,h)anthracene	1.9	U	1.9	0.096	ug/L		10/04/11 08:07	10/11/11 11:08	1
Dibenzofuran	3.8	U	3.8	0.096	ug/L		10/04/11 08:07	10/11/11 11:08	1
Diethyl phthalate	4.8	U	4.8	0.58	ug/L		10/04/11 08:07	10/11/11 11:08	1
Dimethyl phthalate	4.8	U	4.8	0.28	ug/L		10/04/11 08:07	10/11/11 11:08	1
Di-n-butyl phthalate	4.8	U	4.8	0.64	ug/L		10/04/11 08:07	10/11/11 11:08	1
Di-n-octyl phthalate	4.8	U	4.8	0.77	ug/L		10/04/11 08:07	10/11/11 11:08	1
Fluoranthene	0.96	U	0.96	0.096	ug/L		10/04/11 08:07	10/11/11 11:08	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

Method: 8270C - TCL Semivolatile Compounds (OLMO4.2) (Continued)

Client Sample ID: GW-17360-092911-EM-040

Lab Sample ID: 240-4429-1

Date Collected: 09/29/11 11:55

Matrix: Water

Date Received: 10/01/11 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	4.8	U	4.8	0.096	ug/L		10/04/11 08:07	10/11/11 11:08	1
Hexachlorobenzene	0.19	U	0.19	0.096	ug/L		10/04/11 08:07	10/11/11 11:08	1
Hexachlorobutadiene	0.96	U	0.96	0.26	ug/L		10/04/11 08:07	10/11/11 11:08	1
Hexachlorocyclopentadiene	4.8	U	4.8	0.77	ug/L		10/04/11 08:07	10/11/11 11:08	1
Hexachloroethane	4.8	U	4.8	0.77	ug/L		10/04/11 08:07	10/11/11 11:08	1
Indeno[1,2,3-cd]pyrene	1.9	U	1.9	0.096	ug/L		10/04/11 08:07	10/11/11 11:08	1
Isophorone	4.8	U	4.8	0.26	ug/L		10/04/11 08:07	10/11/11 11:08	1
Naphthalene	4.8	U	4.8	0.096	ug/L		10/04/11 08:07	10/11/11 11:08	1
Nitrobenzene	2.9	U	2.9	0.038	ug/L		10/04/11 08:07	10/11/11 11:08	1
N-Nitrosodi-n-propylamine	4.8	U	4.8	0.77	ug/L		10/04/11 08:07	10/11/11 11:08	1
N-Nitrosodiphenylamine	4.8	U	4.8	0.30	ug/L		10/04/11 08:07	10/11/11 11:08	1
Pentachlorophenol	4.8	U	4.8	2.3	ug/L		10/04/11 08:07	10/11/11 11:08	1
Phenol	4.8	U	4.8	0.58	ug/L		10/04/11 08:07	10/11/11 11:08	1
Phenanthrene	1.9	U	1.9	0.096	ug/L		10/04/11 08:07	10/11/11 11:08	1
Pyrene	4.8	U	4.8	0.096	ug/L		10/04/11 08:07	10/11/11 11:08	1
3 & 4 Methylphenol	4.8	U	4.8	0.72	ug/L		10/04/11 08:07	10/11/11 11:08	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>2-Fluorobiphenyl (Surr)</i>	55		28 - 110				10/04/11 08:07	10/11/11 11:08	1
<i>2-Fluorophenol (Surr)</i>	55		10 - 110				10/04/11 08:07	10/11/11 11:08	1
<i>2,4,6-Tribromophenol (Surr)</i>	66		22 - 120				10/04/11 08:07	10/11/11 11:08	1
<i>Nitrobenzene-d5 (Surr)</i>	52		27 - 111				10/04/11 08:07	10/11/11 11:08	1
<i>Phenol-d5 (Surr)</i>	59		10 - 110				10/04/11 08:07	10/11/11 11:08	1
<i>Terphenyl-d14 (Surr)</i>	81		37 - 119				10/04/11 08:07	10/11/11 11:08	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

Method: 8270C - TCL Semivolatile Compounds (OLMO4.2)

Client Sample ID: GW-17360-092911-EM-042

Lab Sample ID: 240-4429-3

Date Collected: 09/29/11 11:08

Matrix: Water

Date Received: 10/01/11 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	9.5	U	9.5	1.5	ug/L		10/04/11 08:07	10/10/11 19:32	2
2,2'-oxybis[1-chloropropane]	9.5	U	9.5	0.76	ug/L		10/04/11 08:07	10/10/11 19:32	2
2,4,5-Trichlorophenol	9.5	U	9.5	0.57	ug/L		10/04/11 08:07	10/10/11 19:32	2
2,4,6-Trichlorophenol	7.6	U	7.6	1.5	ug/L		10/04/11 08:07	10/10/11 19:32	2
2,4-Dichlorophenol	19	U	19	1.5	ug/L		10/04/11 08:07	10/10/11 19:32	2
2,4-Dimethylphenol	9.5	U	9.5	1.5	ug/L		10/04/11 08:07	10/10/11 19:32	2
2,4-Dinitrophenol	38	U	38	4.6	ug/L		10/04/11 08:07	10/10/11 19:32	2
2,4-Dinitrotoluene	9.5	U	9.5	0.51	ug/L		10/04/11 08:07	10/10/11 19:32	2
2,6-Dinitrotoluene	9.5	U	9.5	1.5	ug/L		10/04/11 08:07	10/10/11 19:32	2
2-Chloronaphthalene	9.5	U	9.5	0.19	ug/L		10/04/11 08:07	10/10/11 19:32	2
2-Chlorophenol	9.5	U	9.5	0.55	ug/L		10/04/11 08:07	10/10/11 19:32	2
2-Methylnaphthalene	9.5	U	9.5	0.19	ug/L		10/04/11 08:07	10/10/11 19:32	2
2-Methylphenol	9.5	U	9.5	1.5	ug/L		10/04/11 08:07	10/10/11 19:32	2
2-Nitroaniline	38	U	38	1.5	ug/L		10/04/11 08:07	10/10/11 19:32	2
2-Nitrophenol	9.5	U	9.5	0.53	ug/L		10/04/11 08:07	10/10/11 19:32	2
3,3'-Dichlorobenzidine	1.9	U	1.9	0.70	ug/L		10/04/11 08:07	10/10/11 19:32	2
3-Nitroaniline	38	U	38	0.53	ug/L		10/04/11 08:07	10/10/11 19:32	2
4,6-Dinitro-2-methylphenol	38	U	38	4.6	ug/L		10/04/11 08:07	10/10/11 19:32	2
4-Bromophenyl phenyl ether	9.5	U	9.5	1.5	ug/L		10/04/11 08:07	10/10/11 19:32	2
4-Chloro-3-methylphenol	9.5	U	9.5	1.5	ug/L		10/04/11 08:07	10/10/11 19:32	2
4-Chloroaniline	19	U	19	1.5	ug/L		10/04/11 08:07	10/10/11 19:32	2
4-Chlorophenyl phenyl ether	9.5	U	9.5	0.57	ug/L		10/04/11 08:07	10/10/11 19:32	2
4-Nitroaniline	38	U	38	1.5	ug/L		10/04/11 08:07	10/10/11 19:32	2
4-Nitrophenol	38	U	38	4.6	ug/L		10/04/11 08:07	10/10/11 19:32	2
Acenaphthene	9.5	U	9.5	0.19	ug/L		10/04/11 08:07	10/10/11 19:32	2
Acenaphthylene	9.5	U	9.5	0.19	ug/L		10/04/11 08:07	10/10/11 19:32	2
Acetophenone	9.5	U	9.5	0.65	ug/L		10/04/11 08:07	10/10/11 19:32	2
Anthracene	9.5	U	9.5	0.19	ug/L		10/04/11 08:07	10/10/11 19:32	2
Atrazine	5.7	U	5.7	0.65	ug/L		10/04/11 08:07	10/10/11 19:32	2
Benzaldehyde	9.5	U	9.5	0.74	ug/L		10/04/11 08:07	10/10/11 19:32	2
Benzo[a]anthracene	1.9	U	1.9	0.19	ug/L		10/04/11 08:07	10/10/11 19:32	2
Benzo[a]pyrene	1.9	U	1.9	0.19	ug/L		10/04/11 08:07	10/10/11 19:32	2
Benzo[b]fluoranthene	1.9	U	1.9	0.19	ug/L		10/04/11 08:07	10/10/11 19:32	2
Benzo[g,h,i]perylene	1.9	U	1.9	0.19	ug/L		10/04/11 08:07	10/10/11 19:32	2
Benzo[k]fluoranthene	1.9	U	1.9	0.19	ug/L		10/04/11 08:07	10/10/11 19:32	2
Bis(2-chloroethoxy)methane	9.5	U	9.5	0.61	ug/L		10/04/11 08:07	10/10/11 19:32	2
Bis(2-chloroethyl)ether	1.9	U	1.9	0.19	ug/L		10/04/11 08:07	10/10/11 19:32	2
Bis(2-ethylhexyl) phthalate	9.5	U	9.5	1.5	ug/L		10/04/11 08:07	10/10/11 19:32	2
Butyl benzyl phthalate	9.5	U	9.5	1.5	ug/L		10/04/11 08:07	10/10/11 19:32	2
Caprolactam	19	U	19	1.5	ug/L		10/04/11 08:07	10/10/11 19:32	2
Carbazole	19	U	19	0.53	ug/L		10/04/11 08:07	10/10/11 19:32	2
Chrysene	1.9	U	1.9	0.19	ug/L		10/04/11 08:07	10/10/11 19:32	2
Dibenz(a,h)anthracene	3.8	U	3.8	0.19	ug/L		10/04/11 08:07	10/10/11 19:32	2
Dibenzofuran	7.6	U	7.6	0.19	ug/L		10/04/11 08:07	10/10/11 19:32	2
Diethyl phthalate	9.5	U	9.5	1.1	ug/L		10/04/11 08:07	10/10/11 19:32	2
Dimethyl phthalate	9.5	U	9.5	0.55	ug/L		10/04/11 08:07	10/10/11 19:32	2
Di-n-butyl phthalate	9.5	U	9.5	1.3	ug/L		10/04/11 08:07	10/10/11 19:32	2
Di-n-octyl phthalate	9.5	U	9.5	1.5	ug/L		10/04/11 08:07	10/10/11 19:32	2
Fluoranthene	1.9	U	1.9	0.19	ug/L		10/04/11 08:07	10/10/11 19:32	2

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

Method: 8270C - TCL Semivolatile Compounds (OLMO4.2) (Continued)

Client Sample ID: GW-17360-092911-EM-042

Date Collected: 09/29/11 11:08

Date Received: 10/01/11 09:30

Lab Sample ID: 240-4429-3

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	9.5	U	9.5	0.19	ug/L		10/04/11 08:07	10/10/11 19:32	2
Hexachlorobenzene	0.38	U	0.38	0.19	ug/L		10/04/11 08:07	10/10/11 19:32	2
Hexachlorobutadiene	1.9	U	1.9	0.51	ug/L		10/04/11 08:07	10/10/11 19:32	2
Hexachlorocyclopentadiene	9.5	U	9.5	1.5	ug/L		10/04/11 08:07	10/10/11 19:32	2
Hexachloroethane	9.5	U	9.5	1.5	ug/L		10/04/11 08:07	10/10/11 19:32	2
Indeno[1,2,3-cd]pyrene	3.8	U	3.8	0.19	ug/L		10/04/11 08:07	10/10/11 19:32	2
Isophorone	9.5	U	9.5	0.51	ug/L		10/04/11 08:07	10/10/11 19:32	2
Naphthalene	9.5	U	9.5	0.19	ug/L		10/04/11 08:07	10/10/11 19:32	2
Nitrobenzene	5.7	U	5.7	0.076	ug/L		10/04/11 08:07	10/10/11 19:32	2
N-Nitrosodi-n-propylamine	9.5	U	9.5	1.5	ug/L		10/04/11 08:07	10/10/11 19:32	2
N-Nitrosodiphenylamine	9.5	U	9.5	0.59	ug/L		10/04/11 08:07	10/10/11 19:32	2
Pentachlorophenol	9.5	U	9.5	4.6	ug/L		10/04/11 08:07	10/10/11 19:32	2
Phenol	9.5	U	9.5	1.1	ug/L		10/04/11 08:07	10/10/11 19:32	2
Phenanthrene	3.8	U	3.8	0.19	ug/L		10/04/11 08:07	10/10/11 19:32	2
Pyrene	9.5	U	9.5	0.19	ug/L		10/04/11 08:07	10/10/11 19:32	2
3 & 4 Methylphenol	9.5	U	9.5	1.4	ug/L		10/04/11 08:07	10/10/11 19:32	2
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	53		28 - 110				10/04/11 08:07	10/10/11 19:32	2
2-Fluorophenol (Surr)	50		10 - 110				10/04/11 08:07	10/10/11 19:32	2
2,4,6-Tribromophenol (Surr)	62		22 - 120				10/04/11 08:07	10/10/11 19:32	2
Nitrobenzene-d5 (Surr)	43		27 - 111				10/04/11 08:07	10/10/11 19:32	2
Phenol-d5 (Surr)	49		10 - 110				10/04/11 08:07	10/10/11 19:32	2
Terphenyl-d14 (Surr)	46		37 - 119				10/04/11 08:07	10/10/11 19:32	2

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

Method: 8270C - TCL Semivolatile Compounds (OLMO4.2)

Client Sample ID: GW-17360-092911-EM-043

Date Collected: 09/29/11 11:15

Date Received: 10/01/11 09:30

Lab Sample ID: 240-4429-4

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	9.5	U	9.5	1.5	ug/L		10/04/11 08:07	10/10/11 19:50	2
2,2'-oxybis[1-chloropropane]	9.5	U	9.5	0.76	ug/L		10/04/11 08:07	10/10/11 19:50	2
2,4,5-Trichlorophenol	9.5	U	9.5	0.57	ug/L		10/04/11 08:07	10/10/11 19:50	2
2,4,6-Trichlorophenol	7.6	U	7.6	1.5	ug/L		10/04/11 08:07	10/10/11 19:50	2
2,4-Dichlorophenol	19	U	19	1.5	ug/L		10/04/11 08:07	10/10/11 19:50	2
2,4-Dimethylphenol	9.5	U	9.5	1.5	ug/L		10/04/11 08:07	10/10/11 19:50	2
2,4-Dinitrophenol	38	U	38	4.6	ug/L		10/04/11 08:07	10/10/11 19:50	2
2,4-Dinitrotoluene	9.5	U	9.5	0.51	ug/L		10/04/11 08:07	10/10/11 19:50	2
2,6-Dinitrotoluene	9.5	U	9.5	1.5	ug/L		10/04/11 08:07	10/10/11 19:50	2
2-Chloronaphthalene	9.5	U	9.5	0.19	ug/L		10/04/11 08:07	10/10/11 19:50	2
2-Chlorophenol	9.5	U	9.5	0.55	ug/L		10/04/11 08:07	10/10/11 19:50	2
2-Methylnaphthalene	9.5	U	9.5	0.19	ug/L		10/04/11 08:07	10/10/11 19:50	2
2-Methylphenol	9.5	U	9.5	1.5	ug/L		10/04/11 08:07	10/10/11 19:50	2
2-Nitroaniline	38	U	38	1.5	ug/L		10/04/11 08:07	10/10/11 19:50	2
2-Nitrophenol	9.5	U	9.5	0.53	ug/L		10/04/11 08:07	10/10/11 19:50	2
3,3'-Dichlorobenzidine	1.9	U	1.9	0.70	ug/L		10/04/11 08:07	10/10/11 19:50	2
3-Nitroaniline	38	U	38	0.53	ug/L		10/04/11 08:07	10/10/11 19:50	2
4,6-Dinitro-2-methylphenol	38	U	38	4.6	ug/L		10/04/11 08:07	10/10/11 19:50	2
4-Bromophenyl phenyl ether	9.5	U	9.5	1.5	ug/L		10/04/11 08:07	10/10/11 19:50	2
4-Chloro-3-methylphenol	9.5	U	9.5	1.5	ug/L		10/04/11 08:07	10/10/11 19:50	2
4-Chloroaniline	19	U	19	1.5	ug/L		10/04/11 08:07	10/10/11 19:50	2
4-Chlorophenyl phenyl ether	9.5	U	9.5	0.57	ug/L		10/04/11 08:07	10/10/11 19:50	2
4-Nitroaniline	38	U	38	1.5	ug/L		10/04/11 08:07	10/10/11 19:50	2
4-Nitrophenol	38	U	38	4.6	ug/L		10/04/11 08:07	10/10/11 19:50	2
Acenaphthene	9.5	U	9.5	0.19	ug/L		10/04/11 08:07	10/10/11 19:50	2
Acenaphthylene	9.5	U	9.5	0.19	ug/L		10/04/11 08:07	10/10/11 19:50	2
Acetophenone	9.5	U	9.5	0.65	ug/L		10/04/11 08:07	10/10/11 19:50	2
Anthracene	9.5	U	9.5	0.19	ug/L		10/04/11 08:07	10/10/11 19:50	2
Atrazine	5.7	U	5.7	0.65	ug/L		10/04/11 08:07	10/10/11 19:50	2
Benzaldehyde	9.5	U	9.5	0.74	ug/L		10/04/11 08:07	10/10/11 19:50	2
Benzo[a]anthracene	1.9	U	1.9	0.19	ug/L		10/04/11 08:07	10/10/11 19:50	2
Benzo[a]pyrene	1.9	U	1.9	0.19	ug/L		10/04/11 08:07	10/10/11 19:50	2
Benzo[b]fluoranthene	1.9	U	1.9	0.19	ug/L		10/04/11 08:07	10/10/11 19:50	2
Benzo[g,h,i]perylene	1.9	U	1.9	0.19	ug/L		10/04/11 08:07	10/10/11 19:50	2
Benzo[k]fluoranthene	1.9	U	1.9	0.19	ug/L		10/04/11 08:07	10/10/11 19:50	2
Bis(2-chloroethoxy)methane	9.5	U	9.5	0.61	ug/L		10/04/11 08:07	10/10/11 19:50	2
Bis(2-chloroethyl)ether	1.9	U	1.9	0.19	ug/L		10/04/11 08:07	10/10/11 19:50	2
Bis(2-ethylhexyl) phthalate	9.5	U	9.5	1.5	ug/L		10/04/11 08:07	10/10/11 19:50	2
Butyl benzyl phthalate	9.5	U	9.5	1.5	ug/L		10/04/11 08:07	10/10/11 19:50	2
Caprolactam	19	U	19	1.5	ug/L		10/04/11 08:07	10/10/11 19:50	2
Carbazole	19	U	19	0.53	ug/L		10/04/11 08:07	10/10/11 19:50	2
Chrysene	1.9	U	1.9	0.19	ug/L		10/04/11 08:07	10/10/11 19:50	2
Dibenz(a,h)anthracene	3.8	U	3.8	0.19	ug/L		10/04/11 08:07	10/10/11 19:50	2
Dibenzofuran	7.6	U	7.6	0.19	ug/L		10/04/11 08:07	10/10/11 19:50	2
Diethyl phthalate	9.5	U	9.5	1.1	ug/L		10/04/11 08:07	10/10/11 19:50	2
Dimethyl phthalate	9.5	U	9.5	0.55	ug/L		10/04/11 08:07	10/10/11 19:50	2
Di-n-butyl phthalate	9.5	U	9.5	1.3	ug/L		10/04/11 08:07	10/10/11 19:50	2
Di-n-octyl phthalate	9.5	U	9.5	1.5	ug/L		10/04/11 08:07	10/10/11 19:50	2
Fluoranthene	1.9	U	1.9	0.19	ug/L		10/04/11 08:07	10/10/11 19:50	2

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

Method: 8270C - TCL Semivolatile Compounds (OLMO4.2) (Continued)

Client Sample ID: GW-17360-092911-EM-043

Lab Sample ID: 240-4429-4

Date Collected: 09/29/11 11:15

Matrix: Water

Date Received: 10/01/11 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	9.5	U	9.5	0.19	ug/L		10/04/11 08:07	10/10/11 19:50	2
Hexachlorobenzene	0.38	U	0.38	0.19	ug/L		10/04/11 08:07	10/10/11 19:50	2
Hexachlorobutadiene	1.9	U	1.9	0.51	ug/L		10/04/11 08:07	10/10/11 19:50	2
Hexachlorocyclopentadiene	9.5	U	9.5	1.5	ug/L		10/04/11 08:07	10/10/11 19:50	2
Hexachloroethane	9.5	U	9.5	1.5	ug/L		10/04/11 08:07	10/10/11 19:50	2
Indeno[1,2,3-cd]pyrene	3.8	U	3.8	0.19	ug/L		10/04/11 08:07	10/10/11 19:50	2
Isophorone	9.5	U	9.5	0.51	ug/L		10/04/11 08:07	10/10/11 19:50	2
Naphthalene	9.5	U	9.5	0.19	ug/L		10/04/11 08:07	10/10/11 19:50	2
Nitrobenzene	5.7	U	5.7	0.076	ug/L		10/04/11 08:07	10/10/11 19:50	2
N-Nitrosodi-n-propylamine	9.5	U	9.5	1.5	ug/L		10/04/11 08:07	10/10/11 19:50	2
N-Nitrosodiphenylamine	9.5	U	9.5	0.59	ug/L		10/04/11 08:07	10/10/11 19:50	2
Pentachlorophenol	9.5	U	9.5	4.6	ug/L		10/04/11 08:07	10/10/11 19:50	2
Phenol	9.5	U	9.5	1.1	ug/L		10/04/11 08:07	10/10/11 19:50	2
Phenanthrene	3.8	U	3.8	0.19	ug/L		10/04/11 08:07	10/10/11 19:50	2
Pyrene	9.5	U	9.5	0.19	ug/L		10/04/11 08:07	10/10/11 19:50	2
3 & 4 Methylphenol	9.5	U	9.5	1.4	ug/L		10/04/11 08:07	10/10/11 19:50	2
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>2-Fluorobiphenyl (Surr)</i>	56		28 - 110				10/04/11 08:07	10/10/11 19:50	2
<i>2-Fluorophenol (Surr)</i>	52		10 - 110				10/04/11 08:07	10/10/11 19:50	2
<i>2,4,6-Tribromophenol (Surr)</i>	61		22 - 120				10/04/11 08:07	10/10/11 19:50	2
<i>Nitrobenzene-d5 (Surr)</i>	44		27 - 111				10/04/11 08:07	10/10/11 19:50	2
<i>Phenol-d5 (Surr)</i>	52		10 - 110				10/04/11 08:07	10/10/11 19:50	2
<i>Terphenyl-d14 (Surr)</i>	51		37 - 119				10/04/11 08:07	10/10/11 19:50	2

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

Method: 8270C - TCL Semivolatile Compounds (OLMO4.2)

Client Sample ID: GW-17360-092911-EM-044

Date Collected: 09/29/11 13:05

Date Received: 10/01/11 09:30

Lab Sample ID: 240-4429-5

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	9.6	U	9.6	1.5	ug/L		10/04/11 08:07	10/10/11 19:13	2
2,2'-oxybis[1-chloropropane]	9.6	U	9.6	0.77	ug/L		10/04/11 08:07	10/10/11 19:13	2
2,4,5-Trichlorophenol	9.6	U	9.6	0.58	ug/L		10/04/11 08:07	10/10/11 19:13	2
2,4,6-Trichlorophenol	7.7	U	7.7	1.5	ug/L		10/04/11 08:07	10/10/11 19:13	2
2,4-Dichlorophenol	19	U	19	1.5	ug/L		10/04/11 08:07	10/10/11 19:13	2
2,4-Dimethylphenol	9.6	U	9.6	1.5	ug/L		10/04/11 08:07	10/10/11 19:13	2
2,4-Dinitrophenol	38	U	38	4.6	ug/L		10/04/11 08:07	10/10/11 19:13	2
2,4-Dinitrotoluene	9.6	U	9.6	0.52	ug/L		10/04/11 08:07	10/10/11 19:13	2
2,6-Dinitrotoluene	9.6	U	9.6	1.5	ug/L		10/04/11 08:07	10/10/11 19:13	2
2-Chloronaphthalene	9.6	U	9.6	0.19	ug/L		10/04/11 08:07	10/10/11 19:13	2
2-Chlorophenol	9.6	U	9.6	0.56	ug/L		10/04/11 08:07	10/10/11 19:13	2
2-Methylnaphthalene	9.6	U	9.6	0.19	ug/L		10/04/11 08:07	10/10/11 19:13	2
2-Methylphenol	9.6	U	9.6	1.5	ug/L		10/04/11 08:07	10/10/11 19:13	2
2-Nitroaniline	38	U	38	1.5	ug/L		10/04/11 08:07	10/10/11 19:13	2
2-Nitrophenol	9.6	U	9.6	0.54	ug/L		10/04/11 08:07	10/10/11 19:13	2
3,3'-Dichlorobenzidine	1.9	U	1.9	0.71	ug/L		10/04/11 08:07	10/10/11 19:13	2
3-Nitroaniline	38	U	38	0.54	ug/L		10/04/11 08:07	10/10/11 19:13	2
4,6-Dinitro-2-methylphenol	38	U	38	4.6	ug/L		10/04/11 08:07	10/10/11 19:13	2
4-Bromophenyl phenyl ether	9.6	U	9.6	1.5	ug/L		10/04/11 08:07	10/10/11 19:13	2
4-Chloro-3-methylphenol	9.6	U	9.6	1.5	ug/L		10/04/11 08:07	10/10/11 19:13	2
4-Chloroaniline	19	U	19	1.5	ug/L		10/04/11 08:07	10/10/11 19:13	2
4-Chlorophenyl phenyl ether	9.6	U	9.6	0.58	ug/L		10/04/11 08:07	10/10/11 19:13	2
4-Nitroaniline	38	U	38	1.5	ug/L		10/04/11 08:07	10/10/11 19:13	2
4-Nitrophenol	38	U	38	4.6	ug/L		10/04/11 08:07	10/10/11 19:13	2
Acenaphthene	9.6	U	9.6	0.19	ug/L		10/04/11 08:07	10/10/11 19:13	2
Acenaphthylene	9.6	U	9.6	0.19	ug/L		10/04/11 08:07	10/10/11 19:13	2
Acetophenone	9.6	U	9.6	0.65	ug/L		10/04/11 08:07	10/10/11 19:13	2
Anthracene	9.6	U	9.6	0.19	ug/L		10/04/11 08:07	10/10/11 19:13	2
Atrazine	5.8	U	5.8	0.65	ug/L		10/04/11 08:07	10/10/11 19:13	2
Benzaldehyde	9.6	U	9.6	0.75	ug/L		10/04/11 08:07	10/10/11 19:13	2
Benzo[a]anthracene	1.9	U	1.9	0.19	ug/L		10/04/11 08:07	10/10/11 19:13	2
Benzo[a]pyrene	1.9	U	1.9	0.19	ug/L		10/04/11 08:07	10/10/11 19:13	2
Benzo[b]fluoranthene	1.9	U	1.9	0.19	ug/L		10/04/11 08:07	10/10/11 19:13	2
Benzo[g,h,i]perylene	1.9	U	1.9	0.19	ug/L		10/04/11 08:07	10/10/11 19:13	2
Benzo[k]fluoranthene	1.9	U	1.9	0.19	ug/L		10/04/11 08:07	10/10/11 19:13	2
Bis(2-chloroethoxy)methane	9.6	U	9.6	0.62	ug/L		10/04/11 08:07	10/10/11 19:13	2
Bis(2-chloroethyl)ether	1.9	U	1.9	0.19	ug/L		10/04/11 08:07	10/10/11 19:13	2
Bis(2-ethylhexyl) phthalate	9.6	U	9.6	1.5	ug/L		10/04/11 08:07	10/10/11 19:13	2
Butyl benzyl phthalate	9.6	U	9.6	1.5	ug/L		10/04/11 08:07	10/10/11 19:13	2
Caprolactam	19	U	19	1.5	ug/L		10/04/11 08:07	10/10/11 19:13	2
Carbazole	19	U	19	0.54	ug/L		10/04/11 08:07	10/10/11 19:13	2
Chrysene	1.9	U	1.9	0.19	ug/L		10/04/11 08:07	10/10/11 19:13	2
Dibenz(a,h)anthracene	3.8	U	3.8	0.19	ug/L		10/04/11 08:07	10/10/11 19:13	2
Dibenzofuran	7.7	U	7.7	0.19	ug/L		10/04/11 08:07	10/10/11 19:13	2
Diethyl phthalate	9.6	U	9.6	1.2	ug/L		10/04/11 08:07	10/10/11 19:13	2
Dimethyl phthalate	9.6	U	9.6	0.56	ug/L		10/04/11 08:07	10/10/11 19:13	2
Di-n-butyl phthalate	9.6	U	9.6	1.3	ug/L		10/04/11 08:07	10/10/11 19:13	2
Di-n-octyl phthalate	9.6	U	9.6	1.5	ug/L		10/04/11 08:07	10/10/11 19:13	2
Fluoranthene	0.70	J	1.9	0.19	ug/L		10/04/11 08:07	10/10/11 19:13	2

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

Method: 8270C - TCL Semivolatile Compounds (OLMO4.2) (Continued)

Client Sample ID: GW-17360-092911-EM-044

Date Collected: 09/29/11 13:05

Date Received: 10/01/11 09:30

Lab Sample ID: 240-4429-5

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	9.6	U	9.6	0.19	ug/L		10/04/11 08:07	10/10/11 19:13	2
Hexachlorobenzene	0.38	U	0.38	0.19	ug/L		10/04/11 08:07	10/10/11 19:13	2
Hexachlorobutadiene	1.9	U	1.9	0.52	ug/L		10/04/11 08:07	10/10/11 19:13	2
Hexachlorocyclopentadiene	9.6	U	9.6	1.5	ug/L		10/04/11 08:07	10/10/11 19:13	2
Hexachloroethane	9.6	U	9.6	1.5	ug/L		10/04/11 08:07	10/10/11 19:13	2
Indeno[1,2,3-cd]pyrene	3.8	U	3.8	0.19	ug/L		10/04/11 08:07	10/10/11 19:13	2
Isophorone	9.6	U	9.6	0.52	ug/L		10/04/11 08:07	10/10/11 19:13	2
Naphthalene	9.6	U	9.6	0.19	ug/L		10/04/11 08:07	10/10/11 19:13	2
Nitrobenzene	5.8	U	5.8	0.077	ug/L		10/04/11 08:07	10/10/11 19:13	2
N-Nitrosodi-n-propylamine	9.6	U	9.6	1.5	ug/L		10/04/11 08:07	10/10/11 19:13	2
N-Nitrosodiphenylamine	9.6	U	9.6	0.60	ug/L		10/04/11 08:07	10/10/11 19:13	2
Pentachlorophenol	9.6	U	9.6	4.6	ug/L		10/04/11 08:07	10/10/11 19:13	2
Phenol	9.6	U	9.6	1.2	ug/L		10/04/11 08:07	10/10/11 19:13	2
Phenanthrene	3.8	U	3.8	0.19	ug/L		10/04/11 08:07	10/10/11 19:13	2
Pyrene	0.79	J	9.6	0.19	ug/L		10/04/11 08:07	10/10/11 19:13	2
3 & 4 Methylphenol	9.6	U	9.6	1.4	ug/L		10/04/11 08:07	10/10/11 19:13	2
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	52		28 - 110				10/04/11 08:07	10/10/11 19:13	2
2-Fluorophenol (Surr)	55		10 - 110				10/04/11 08:07	10/10/11 19:13	2
2,4,6-Tribromophenol (Surr)	57		22 - 120				10/04/11 08:07	10/10/11 19:13	2
Nitrobenzene-d5 (Surr)	46		27 - 111				10/04/11 08:07	10/10/11 19:13	2
Phenol-d5 (Surr)	55		10 - 110				10/04/11 08:07	10/10/11 19:13	2
Terphenyl-d14 (Surr)	49		37 - 119				10/04/11 08:07	10/10/11 19:13	2

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

Method: 6010B - Metals (ICP) - Total Recoverable

Client Sample ID: GW-17360-093011-EM-052

Date Collected: 09/30/11 13:30

Date Received: 10/01/11 09:30

Lab Sample ID: 240-4429-13

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	130000		5000	590	ug/L		10/11/11 06:00	10/12/11 16:24	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

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

Client Sample ID: GW-17360-092911-EM-040

Lab Sample ID: 240-4429-1

Date Collected: 09/29/11 11:55

Matrix: Water

Date Received: 10/01/11 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.20	J	2.0	0.13	ug/L		10/11/11 06:00	10/12/11 13:43	1
Arsenic	0.47	J	5.0	0.40	ug/L		10/11/11 06:00	10/12/11 13:43	1
Barium	33	J	100	0.19	ug/L		10/11/11 06:00	10/12/11 13:43	1
Beryllium	1.0	U	1.0	0.20	ug/L		10/11/11 06:00	10/12/11 13:43	1
Cadmium	0.64	J	1.0	0.13	ug/L		10/11/11 06:00	10/12/11 13:43	1
Cobalt	1.7	J	20	0.058	ug/L		10/11/11 06:00	10/12/11 13:43	1
Chromium	94		10	0.71	ug/L		10/11/11 06:00	10/12/11 13:43	1
Copper	3.0	J	4.0	0.29	ug/L		10/11/11 06:00	10/12/11 13:43	1
Manganese	13	J	50	0.83	ug/L		10/11/11 06:00	10/12/11 13:43	1
Nickel	49		20	0.20	ug/L		10/11/11 06:00	10/12/11 13:43	1
Lead	1.1	J	3.0	0.18	ug/L		10/11/11 06:00	10/12/11 13:43	1
Selenium	1.3	J	5.0	0.57	ug/L		10/11/11 06:00	10/12/11 13:43	1
Thallium	0.73	J B	2.0	0.14	ug/L		10/11/11 06:00	10/12/11 13:43	1
Vanadium	4.0	U	4.0	0.44	ug/L		10/11/11 06:00	10/12/11 13:43	1
Zinc	62	B	50	2.3	ug/L		10/11/11 06:00	10/12/11 13:43	1
Silver	0.20	U	0.20	0.080	ug/L		10/11/11 06:00	10/12/11 13:43	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

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

Client Sample ID: GW-17360-092911-EM-042

Date Collected: 09/29/11 11:08

Date Received: 10/01/11 09:30

Lab Sample ID: 240-4429-3

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	2.0	U	2.0	0.13	ug/L		10/11/11 06:00	10/12/11 14:40	1
Arsenic	1.6	J	5.0	0.40	ug/L		10/11/11 06:00	10/12/11 14:40	1
Barium	76	J	100	0.19	ug/L		10/11/11 06:00	10/12/11 14:40	1
Beryllium	1.0	U	1.0	0.20	ug/L		10/11/11 06:00	10/12/11 14:40	1
Cadmium	1.0	U	1.0	0.13	ug/L		10/11/11 06:00	10/12/11 14:40	1
Cobalt	0.37	J	20	0.058	ug/L		10/11/11 06:00	10/12/11 14:40	1
Chromium	10	U	10	0.71	ug/L		10/11/11 06:00	10/12/11 14:40	1
Copper	0.30	J	4.0	0.29	ug/L		10/11/11 06:00	10/12/11 14:40	1
Manganese	650		50	0.83	ug/L		10/11/11 06:00	10/12/11 14:40	1
Nickel	1.4	J	20	0.20	ug/L		10/11/11 06:00	10/12/11 14:40	1
Lead	3.0	U	3.0	0.18	ug/L		10/11/11 06:00	10/12/11 14:40	1
Selenium	5.0	U	5.0	0.57	ug/L		10/11/11 06:00	10/12/11 14:40	1
Thallium	2.0	U	2.0	0.14	ug/L		10/11/11 06:00	10/12/11 14:40	1
Vanadium	4.0	U	4.0	0.44	ug/L		10/11/11 06:00	10/12/11 14:40	1
Zinc	50	U	50	2.3	ug/L		10/11/11 06:00	10/12/11 14:40	1
Silver	0.20	U	0.20	0.080	ug/L		10/11/11 06:00	10/12/11 14:40	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

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

Client Sample ID: GW-17360-092911-EM-043

Date Collected: 09/29/11 11:15

Date Received: 10/01/11 09:30

Lab Sample ID: 240-4429-4

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	2.0	U	2.0	0.13	ug/L		10/11/11 06:00	10/12/11 14:46	1
Arsenic	1.6	J	5.0	0.40	ug/L		10/11/11 06:00	10/12/11 14:46	1
Barium	84	J	100	0.19	ug/L		10/11/11 06:00	10/12/11 14:46	1
Beryllium	1.0	U	1.0	0.20	ug/L		10/11/11 06:00	10/12/11 14:46	1
Cadmium	1.0	U	1.0	0.13	ug/L		10/11/11 06:00	10/12/11 14:46	1
Cobalt	0.40	J	20	0.058	ug/L		10/11/11 06:00	10/12/11 14:46	1
Chromium	10	U	10	0.71	ug/L		10/11/11 06:00	10/12/11 14:46	1
Copper	4.0	U	4.0	0.29	ug/L		10/11/11 06:00	10/12/11 14:46	1
Manganese	710		50	0.83	ug/L		10/11/11 06:00	10/12/11 14:46	1
Nickel	1.5	J	20	0.20	ug/L		10/11/11 06:00	10/12/11 14:46	1
Lead	3.0	U	3.0	0.18	ug/L		10/11/11 06:00	10/12/11 14:46	1
Selenium	5.0	U	5.0	0.57	ug/L		10/11/11 06:00	10/12/11 14:46	1
Thallium	2.0	U	2.0	0.14	ug/L		10/11/11 06:00	10/12/11 14:46	1
Vanadium	4.0	U	4.0	0.44	ug/L		10/11/11 06:00	10/12/11 14:46	1
Zinc	50	U	50	2.3	ug/L		10/11/11 06:00	10/12/11 14:46	1
Silver	0.20	U	0.20	0.080	ug/L		10/11/11 06:00	10/12/11 14:46	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

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

Client Sample ID: GW-17360-092911-EM-044

Date Collected: 09/29/11 13:05

Date Received: 10/01/11 09:30

Lab Sample ID: 240-4429-5

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	2.0	U	2.0	0.13	ug/L		10/11/11 06:00	10/12/11 14:51	1
Arsenic	8.9		5.0	0.40	ug/L		10/11/11 06:00	10/12/11 14:51	1
Barium	93	J	100	0.19	ug/L		10/11/11 06:00	10/12/11 14:51	1
Beryllium	1.0	U	1.0	0.20	ug/L		10/11/11 06:00	10/12/11 14:51	1
Cadmium	1.0	U	1.0	0.13	ug/L		10/11/11 06:00	10/12/11 14:51	1
Cobalt	0.25	J	20	0.058	ug/L		10/11/11 06:00	10/12/11 14:51	1
Chromium	10	U	10	0.71	ug/L		10/11/11 06:00	10/12/11 14:51	1
Copper	0.48	J	4.0	0.29	ug/L		10/11/11 06:00	10/12/11 14:51	1
Manganese	36	J	50	0.83	ug/L		10/11/11 06:00	10/12/11 14:51	1
Nickel	0.61	J	20	0.20	ug/L		10/11/11 06:00	10/12/11 14:51	1
Lead	0.85	J	3.0	0.18	ug/L		10/11/11 06:00	10/12/11 14:51	1
Selenium	5.0	U	5.0	0.57	ug/L		10/11/11 06:00	10/12/11 14:51	1
Thallium	2.0	U	2.0	0.14	ug/L		10/11/11 06:00	10/12/11 14:51	1
Vanadium	4.0	U	4.0	0.44	ug/L		10/11/11 06:00	10/12/11 14:51	1
Zinc	180	B	50	2.3	ug/L		10/11/11 06:00	10/12/11 14:51	1
Silver	0.20	U	0.20	0.080	ug/L		10/11/11 06:00	10/12/11 14:51	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

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

Client Sample ID: GW-17360-092911-EM-046

Date Collected: 09/29/11 15:36

Date Received: 10/01/11 09:30

Lab Sample ID: 240-4429-7

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	2.0	U	2.0	0.13	ug/L		10/11/11 06:00	10/12/11 14:56	1
Arsenic	0.48	J	5.0	0.40	ug/L		10/11/11 06:00	10/12/11 14:56	1
Barium	140		100	0.19	ug/L		10/11/11 06:00	10/12/11 14:56	1
Beryllium	1.0	U	1.0	0.20	ug/L		10/11/11 06:00	10/12/11 14:56	1
Cadmium	1.0	U	1.0	0.13	ug/L		10/11/11 06:00	10/12/11 14:56	1
Cobalt	0.17	J	20	0.058	ug/L		10/11/11 06:00	10/12/11 14:56	1
Chromium	10	U	10	0.71	ug/L		10/11/11 06:00	10/12/11 14:56	1
Copper	0.35	J	4.0	0.29	ug/L		10/11/11 06:00	10/12/11 14:56	1
Manganese	84		50	0.83	ug/L		10/11/11 06:00	10/12/11 14:56	1
Nickel	0.54	J	20	0.20	ug/L		10/11/11 06:00	10/12/11 14:56	1
Lead	0.51	J	3.0	0.18	ug/L		10/11/11 06:00	10/12/11 14:56	1
Selenium	5.0	U	5.0	0.57	ug/L		10/11/11 06:00	10/12/11 14:56	1
Thallium	2.0	U	2.0	0.14	ug/L		10/11/11 06:00	10/12/11 14:56	1
Vanadium	4.0	U	4.0	0.44	ug/L		10/11/11 06:00	10/12/11 14:56	1
Zinc	210	B	50	2.3	ug/L		10/11/11 06:00	10/12/11 14:56	1
Silver	0.20	U	0.20	0.080	ug/L		10/11/11 06:00	10/12/11 14:56	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

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

Client Sample ID: GW-17360-093011-EM-050

Date Collected: 09/30/11 09:49

Date Received: 10/01/11 09:30

Lab Sample ID: 240-4429-11

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	2.0	U	2.0	0.13	ug/L		10/11/11 06:00	10/12/11 15:01	1
Arsenic	0.53	J	5.0	0.40	ug/L		10/11/11 06:00	10/12/11 15:01	1
Barium	71	J	100	0.19	ug/L		10/11/11 06:00	10/12/11 15:01	1
Beryllium	1.0	U	1.0	0.20	ug/L		10/11/11 06:00	10/12/11 15:01	1
Cadmium	1.0	U	1.0	0.13	ug/L		10/11/11 06:00	10/12/11 15:01	1
Cobalt	0.092	J	20	0.058	ug/L		10/11/11 06:00	10/12/11 15:01	1
Chromium	10	U	10	0.71	ug/L		10/11/11 06:00	10/12/11 15:01	1
Copper	1.7	J	4.0	0.29	ug/L		10/11/11 06:00	10/12/11 15:01	1
Manganese	35	J	50	0.83	ug/L		10/11/11 06:00	10/12/11 15:01	1
Nickel	20	U	20	0.20	ug/L		10/11/11 06:00	10/12/11 15:01	1
Lead	1.6	J	3.0	0.18	ug/L		10/11/11 06:00	10/12/11 15:01	1
Selenium	5.0	U	5.0	0.57	ug/L		10/11/11 06:00	10/12/11 15:01	1
Thallium	2.0	U	2.0	0.14	ug/L		10/11/11 06:00	10/12/11 15:01	1
Vanadium	4.0	U	4.0	0.44	ug/L		10/11/11 06:00	10/12/11 15:01	1
Zinc	190	B	50	2.3	ug/L		10/11/11 06:00	10/12/11 15:01	1
Silver	0.20	U	0.20	0.080	ug/L		10/11/11 06:00	10/12/11 15:01	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

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

Client Sample ID: GW-17360-093011-EM-052

Date Collected: 09/30/11 13:30

Date Received: 10/01/11 09:30

Lab Sample ID: 240-4429-13

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.15	J	2.0	0.13	ug/L		10/11/11 06:00	10/12/11 15:07	1
Arsenic	2.5	J	5.0	0.40	ug/L		10/11/11 06:00	10/12/11 15:07	1
Barium	62	J	100	0.19	ug/L		10/11/11 06:00	10/12/11 15:07	1
Beryllium	1.0	U	1.0	0.20	ug/L		10/11/11 06:00	10/12/11 15:07	1
Cadmium	1.0	U	1.0	0.13	ug/L		10/11/11 06:00	10/12/11 15:07	1
Cobalt	4.2	J	20	0.058	ug/L		10/11/11 06:00	10/12/11 15:07	1
Chromium	2.4	J	10	0.71	ug/L		10/11/11 06:00	10/12/11 15:07	1
Copper	3.1	J	4.0	0.29	ug/L		10/11/11 06:00	10/12/11 15:07	1
Manganese	560		50	0.83	ug/L		10/11/11 06:00	10/12/11 15:07	1
Nickel	6.0	J	20	0.20	ug/L		10/11/11 06:00	10/12/11 15:07	1
Lead	1.0	J	3.0	0.18	ug/L		10/11/11 06:00	10/12/11 15:07	1
Selenium	2.2	J	5.0	0.57	ug/L		10/11/11 06:00	10/12/11 15:07	1
Thallium	2.0	U	2.0	0.14	ug/L		10/11/11 06:00	10/12/11 15:07	1
Vanadium	2.0	J	4.0	0.44	ug/L		10/11/11 06:00	10/12/11 15:07	1
Zinc	7.2	J B	50	2.3	ug/L		10/11/11 06:00	10/12/11 15:07	1
Silver	0.20	U	0.20	0.080	ug/L		10/11/11 06:00	10/12/11 15:07	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

Method: 7470A - Mercury (CVAA)

Client Sample ID: GW-17360-092911-EM-040

Date Collected: 09/29/11 11:55

Date Received: 10/01/11 09:30

Lab Sample ID: 240-4429-1

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.16	J B	40	0.12	ug/L		10/10/11 13:45	10/11/11 18:22	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

Method: 7470A - Mercury (CVAA)

Client Sample ID: GW-17360-092911-EM-042

Date Collected: 09/29/11 11:08

Date Received: 10/01/11 09:30

Lab Sample ID: 240-4429-3

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.18	J	40	0.12	ug/L		10/12/11 15:25	10/12/11 17:47	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

Method: 7470A - Mercury (CVAA)

Client Sample ID: GW-17360-092911-EM-043

Date Collected: 09/29/11 11:15

Date Received: 10/01/11 09:30

Lab Sample ID: 240-4429-4

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.17	J B	40	0.12	ug/L		10/10/11 13:45	10/11/11 18:40	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

Method: 7470A - Mercury (CVAA)

Client Sample ID: GW-17360-092911-EM-044

Date Collected: 09/29/11 13:05

Date Received: 10/01/11 09:30

Lab Sample ID: 240-4429-5

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.19	J B	40	0.12	ug/L		10/10/11 13:45	10/11/11 18:42	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

Method: 7470A - Mercury (CVAA)

Client Sample ID: GW-17360-092911-EM-046

Date Collected: 09/29/11 15:36

Date Received: 10/01/11 09:30

Lab Sample ID: 240-4429-7

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.12	J B	40	0.12	ug/L		10/10/11 13:45	10/11/11 18:44	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

Method: 7470A - Mercury (CVAA)

Client Sample ID: GW-17360-093011-EM-050

Date Collected: 09/30/11 09:49

Date Received: 10/01/11 09:30

Lab Sample ID: 240-4429-11

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	40	U	40	0.12	ug/L		10/10/11 13:45	10/11/11 19:21	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

Method: 7470A - Mercury (CVAA)

Client Sample ID: GW-17360-093011-EM-052

Date Collected: 09/30/11 13:30

Date Received: 10/01/11 09:30

Lab Sample ID: 240-4429-13

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	40	U	40	0.12	ug/L		10/10/11 13:45	10/11/11 19:23	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

General Chemistry

Client Sample ID: GW-17360-093011-EM-052

Date Collected: 09/30/11 13:30

Date Received: 10/01/11 09:30

Lab Sample ID: 240-4429-13

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	140		5.0	0.50	mg/L			10/19/11 10:41	5

QC Association Summary

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

GC/MS VOA

Analysis Batch: 18383

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-4429-1	GW-17360-092911-EM-040	Total/NA	Water	8260B	
240-4429-1 MS	GW-17360-092911-EM-040	Total/NA	Water	8260B	
240-4429-1 MSD	GW-17360-092911-EM-040	Total/NA	Water	8260B	
240-4429-2	GW-17360-092911-EM-041	Total/NA	Water	8260B	
240-4429-3	GW-17360-092911-EM-042	Total/NA	Water	8260B	
240-4429-4	GW-17360-092911-EM-043	Total/NA	Water	8260B	
240-4429-5	GW-17360-092911-EM-044	Total/NA	Water	8260B	
240-4429-6	GW-17360-092911-EM-045	Total/NA	Water	8260B	
240-4429-7	GW-17360-092911-EM-046	Total/NA	Water	8260B	
240-4429-8	GW-17360-092911-EM-047	Total/NA	Water	8260B	
240-4429-9	GW-17360-092911-EM-048	Total/NA	Water	8260B	
240-4429-10	GW-17360-092911-EM-049	Total/NA	Water	8260B	
240-4429-11	GW-17360-093011-EM-050	Total/NA	Water	8260B	
240-4429-12	GW-17360-093011-EM-051	Total/NA	Water	8260B	
240-4429-13	GW-17360-093011-EM-052	Total/NA	Water	8260B	
240-4429-14	TRIP BLANK-17360-093011-EM-053	Total/NA	Water	8260B	
LCS 240-18383/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-18383/5	Method Blank	Total/NA	Water	8260B	

GC/MS Semi VOA

Prep Batch: 17768

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-4429-1	GW-17360-092911-EM-040	Total/NA	Water	3520C	
240-4429-1 MS	GW-17360-092911-EM-040	Total/NA	Water	3520C	
240-4429-1 MSD	GW-17360-092911-EM-040	Total/NA	Water	3520C	
240-4429-3	GW-17360-092911-EM-042	Total/NA	Water	3520C	
240-4429-4	GW-17360-092911-EM-043	Total/NA	Water	3520C	
240-4429-5	GW-17360-092911-EM-044	Total/NA	Water	3520C	
LCS 240-17768/20-A	Lab Control Sample	Total/NA	Water	3520C	
MB 240-17768/19-A	Method Blank	Total/NA	Water	3520C	

Prep Batch: 17967

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-4429-13	GW-17360-093011-EM-052	Total/NA	Water	3520C	
LCS 240-17967/2-A	Lab Control Sample	Total/NA	Water	3520C	
MB 240-17967/1-A	Method Blank	Total/NA	Water	3520C	

Analysis Batch: 18480

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-4429-3	GW-17360-092911-EM-042	Total/NA	Water	8270C	17768
240-4429-4	GW-17360-092911-EM-043	Total/NA	Water	8270C	17768
240-4429-5	GW-17360-092911-EM-044	Total/NA	Water	8270C	17768
LCS 240-17768/20-A	Lab Control Sample	Total/NA	Water	8270C	17768
MB 240-17768/19-A	Method Blank	Total/NA	Water	8270C	17768

Analysis Batch: 18605

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-4429-1	GW-17360-092911-EM-040	Total/NA	Water	8270C	17768
240-4429-1 MS	GW-17360-092911-EM-040	Total/NA	Water	8270C	17768
240-4429-1 MSD	GW-17360-092911-EM-040	Total/NA	Water	8270C	17768
LCS 240-17967/2-A	Lab Control Sample	Total/NA	Water	8270C	17967

QC Association Summary

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

GC/MS Semi VOA (Continued)

Analysis Batch: 18605 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 240-17967/1-A	Method Blank	Total/NA	Water	8270C	17967

Analysis Batch: 18781

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-4429-13	GW-17360-093011-EM-052	Total/NA	Water	8270C	17967

Metals

Prep Batch: 18484

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-4429-1	GW-17360-092911-EM-040	Total/NA	Water	7470A	
240-4429-1 MS	GW-17360-092911-EM-040	Total/NA	Water	7470A	
240-4429-1 MSD	GW-17360-092911-EM-040	Total/NA	Water	7470A	
240-4429-4	GW-17360-092911-EM-043	Total/NA	Water	7470A	
240-4429-5	GW-17360-092911-EM-044	Total/NA	Water	7470A	
240-4429-7	GW-17360-092911-EM-046	Total/NA	Water	7470A	
LCS 240-18484/2-A	Lab Control Sample	Total/NA	Water	7470A	
MB 240-18484/1-A	Method Blank	Total/NA	Water	7470A	

Prep Batch: 18485

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-4429-11	GW-17360-093011-EM-050	Total/NA	Water	7470A	
240-4429-13	GW-17360-093011-EM-052	Total/NA	Water	7470A	
LCS 240-18485/2-A	Lab Control Sample	Total/NA	Water	7470A	
MB 240-18485/1-A	Method Blank	Total/NA	Water	7470A	

Prep Batch: 18568

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-4429-1	GW-17360-092911-EM-040	Total Recoverable	Water	3005A	
240-4429-1 MS	GW-17360-092911-EM-040	Total Recoverable	Water	3005A	
240-4429-1 MSD	GW-17360-092911-EM-040	Total Recoverable	Water	3005A	
240-4429-3	GW-17360-092911-EM-042	Total Recoverable	Water	3005A	
240-4429-4	GW-17360-092911-EM-043	Total Recoverable	Water	3005A	
240-4429-5	GW-17360-092911-EM-044	Total Recoverable	Water	3005A	
240-4429-7	GW-17360-092911-EM-046	Total Recoverable	Water	3005A	
240-4429-11	GW-17360-093011-EM-050	Total Recoverable	Water	3005A	
240-4429-13	GW-17360-093011-EM-052	Total Recoverable	Water	3005A	
LCS 240-18568/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
LCS 240-18568/3-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 240-18568/1-A	Method Blank	Total Recoverable	Water	3005A	

Analysis Batch: 18813

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-4429-1	GW-17360-092911-EM-040	Total/NA	Water	7470A	18484
240-4429-1 MS	GW-17360-092911-EM-040	Total/NA	Water	7470A	18484
240-4429-1 MSD	GW-17360-092911-EM-040	Total/NA	Water	7470A	18484
240-4429-4	GW-17360-092911-EM-043	Total/NA	Water	7470A	18484
240-4429-5	GW-17360-092911-EM-044	Total/NA	Water	7470A	18484
240-4429-7	GW-17360-092911-EM-046	Total/NA	Water	7470A	18484
240-4429-11	GW-17360-093011-EM-050	Total/NA	Water	7470A	18485
240-4429-13	GW-17360-093011-EM-052	Total/NA	Water	7470A	18485
LCS 240-18484/2-A	Lab Control Sample	Total/NA	Water	7470A	18484

QC Association Summary

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

Metals (Continued)

Analysis Batch: 18813 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 240-18485/2-A	Lab Control Sample	Total/NA	Water	7470A	18485
MB 240-18484/1-A	Method Blank	Total/NA	Water	7470A	18484
MB 240-18485/1-A	Method Blank	Total/NA	Water	7470A	18485

Prep Batch: 18842

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-4429-3	GW-17360-092911-EM-042	Total/NA	Water	7470A	
LCS 240-18842/2-A	Lab Control Sample	Total/NA	Water	7470A	
MB 240-18842/1-A	Method Blank	Total/NA	Water	7470A	

Analysis Batch: 18887

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-4429-3	GW-17360-092911-EM-042	Total/NA	Water	7470A	18842
LCS 240-18842/2-A	Lab Control Sample	Total/NA	Water	7470A	18842
MB 240-18842/1-A	Method Blank	Total/NA	Water	7470A	18842

Analysis Batch: 18920

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-4429-1	GW-17360-092911-EM-040	Total Recoverable	Water	6020	18568
240-4429-1 MS	GW-17360-092911-EM-040	Total Recoverable	Water	6020	18568
240-4429-1 MSD	GW-17360-092911-EM-040	Total Recoverable	Water	6020	18568
240-4429-3	GW-17360-092911-EM-042	Total Recoverable	Water	6020	18568
240-4429-4	GW-17360-092911-EM-043	Total Recoverable	Water	6020	18568
240-4429-5	GW-17360-092911-EM-044	Total Recoverable	Water	6020	18568
240-4429-7	GW-17360-092911-EM-046	Total Recoverable	Water	6020	18568
240-4429-11	GW-17360-093011-EM-050	Total Recoverable	Water	6020	18568
240-4429-13	GW-17360-093011-EM-052	Total Recoverable	Water	6020	18568
LCS 240-18568/3-A	Lab Control Sample	Total Recoverable	Water	6020	18568
MB 240-18568/1-A	Method Blank	Total Recoverable	Water	6020	18568

Analysis Batch: 18946

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-4429-13	GW-17360-093011-EM-052	Total Recoverable	Water	6010B	18568
LCS 240-18568/2-A	Lab Control Sample	Total Recoverable	Water	6010B	18568
MB 240-18568/1-A	Method Blank	Total Recoverable	Water	6010B	18568

General Chemistry

Analysis Batch: 19687

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-4429-13	GW-17360-093011-EM-052	Total/NA	Water	9056A	
240-4429-13 MS	GW-17360-093011-EM-052	Total/NA	Water	9056A	
LCS 240-19687/6	Lab Control Sample	Total/NA	Water	9056A	
MB 240-19687/5	Method Blank	Total/NA	Water	9056A	

QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-18383/5

Matrix: Water

Analysis Batch: 18383

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Acetone	10	U	10	1.1	ug/L			10/07/11 22:27	1
Benzene	1.0	U	1.0	0.13	ug/L			10/07/11 22:27	1
Bromodichloromethane	1.0	U	1.0	0.15	ug/L			10/07/11 22:27	1
Bromoform	1.0	U	1.0	0.64	ug/L			10/07/11 22:27	1
Bromomethane	1.0	U	1.0	0.41	ug/L			10/07/11 22:27	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			10/07/11 22:27	1
Carbon disulfide	5.0	U	5.0	0.13	ug/L			10/07/11 22:27	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			10/07/11 22:27	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			10/07/11 22:27	1
Chloroethane	1.0	U	1.0	0.29	ug/L			10/07/11 22:27	1
Chloroform	1.0	U	1.0	0.16	ug/L			10/07/11 22:27	1
Chloromethane	1.0	U	1.0	0.30	ug/L			10/07/11 22:27	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			10/07/11 22:27	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			10/07/11 22:27	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			10/07/11 22:27	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			10/07/11 22:27	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			10/07/11 22:27	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			10/07/11 22:27	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			10/07/11 22:27	1
2-Hexanone	10	U	10	0.41	ug/L			10/07/11 22:27	1
Methylene Chloride	5.0	U	5.0	0.33	ug/L			10/07/11 22:27	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			10/07/11 22:27	1
Styrene	1.0	U	1.0	0.11	ug/L			10/07/11 22:27	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			10/07/11 22:27	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			10/07/11 22:27	1
Toluene	1.0	U	1.0	0.13	ug/L			10/07/11 22:27	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			10/07/11 22:27	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			10/07/11 22:27	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			10/07/11 22:27	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			10/07/11 22:27	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			10/07/11 22:27	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			10/07/11 22:27	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.67	ug/L			10/07/11 22:27	1
1,2-Dibromoethane	1.0	U	1.0	0.24	ug/L			10/07/11 22:27	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			10/07/11 22:27	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			10/07/11 22:27	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			10/07/11 22:27	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			10/07/11 22:27	1
Methyl acetate	10	U	10	0.38	ug/L			10/07/11 22:27	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			10/07/11 22:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			10/07/11 22:27	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			10/07/11 22:27	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			10/07/11 22:27	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			10/07/11 22:27	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			10/07/11 22:27	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			10/07/11 22:27	1
Dibromochloromethane	1.0	U	1.0	0.18	ug/L			10/07/11 22:27	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			10/07/11 22:27	1

QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

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

Lab Sample ID: MB 240-18383/5

Matrix: Water

Analysis Batch: 18383

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	% Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	91		63 - 129		10/07/11 22:27	1
4-Bromofluorobenzene (Surr)	99		66 - 117		10/07/11 22:27	1
Toluene-d8 (Surr)	108		74 - 115		10/07/11 22:27	1
Dibromofluoromethane (Surr)	89		75 - 121		10/07/11 22:27	1

Lab Sample ID: LCS 240-18383/4

Matrix: Water

Analysis Batch: 18383

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS LCS		Unit	D	% Rec	% Rec. Limits
		Result	Qualifier				
Acetone	20.0	17.8		ug/L		89	43 - 136
Benzene	10.0	9.86		ug/L		99	83 - 112
Bromodichloromethane	10.0	7.89		ug/L		79	72 - 121
Bromoform	10.0	6.03		ug/L		60	40 - 131
Bromomethane	10.0	9.88		ug/L		99	11 - 185
2-Butanone (MEK)	20.0	16.9		ug/L		85	60 - 126
Carbon disulfide	10.0	7.63		ug/L		76	62 - 142
Carbon tetrachloride	10.0	9.21		ug/L		92	66 - 128
Chlorobenzene	10.0	9.25		ug/L		93	85 - 110
Chloroethane	10.0	9.21		ug/L		92	25 - 153
Chloroform	10.0	10.4		ug/L		104	79 - 117
Chloromethane	10.0	8.89		ug/L		89	44 - 126
1,1-Dichloroethane	10.0	10.3		ug/L		103	82 - 115
1,2-Dichloroethane	10.0	9.78		ug/L		98	71 - 127
1,1-Dichloroethene	10.0	10.9		ug/L		109	78 - 131
1,2-Dichloropropane	10.0	10.4		ug/L		104	81 - 115
cis-1,3-Dichloropropene	10.0	7.64		ug/L		76	61 - 115
trans-1,3-Dichloropropene	10.0	7.26		ug/L		73	58 - 117
Ethylbenzene	10.0	9.18		ug/L		92	83 - 112
2-Hexanone	20.0	17.8		ug/L		89	55 - 133
Methylene Chloride	10.0	11.1		ug/L		111	66 - 131
4-Methyl-2-pentanone (MIBK)	20.0	18.2		ug/L		91	63 - 128
Styrene	10.0	9.24		ug/L		92	79 - 114
1,1,2,2-Tetrachloroethane	10.0	9.14		ug/L		91	68 - 118
Tetrachloroethene	10.0	8.85		ug/L		89	79 - 114
Toluene	10.0	9.50		ug/L		95	84 - 111
Trichloroethene	10.0	9.53		ug/L		95	76 - 117
Vinyl chloride	10.0	9.57		ug/L		96	53 - 127
Xylenes, Total	30.0	28.1		ug/L		94	83 - 112
1,1,1-Trichloroethane	10.0	9.92		ug/L		99	74 - 118
1,1,2-Trichloroethane	10.0	9.60		ug/L		96	80 - 112
Cyclohexane	10.0	8.85		ug/L		89	54 - 121
1,2-Dibromo-3-Chloropropane	10.0	6.42		ug/L		64	42 - 136
1,2-Dibromoethane	10.0	9.51		ug/L		95	79 - 113
Dichlorodifluoromethane	10.0	7.08		ug/L		71	19 - 129
cis-1,2-Dichloroethene	10.0	10.3		ug/L		103	80 - 113
trans-1,2-Dichloroethene	10.0	10.3		ug/L		103	83 - 117
Isopropylbenzene	10.0	8.79		ug/L		88	75 - 114
Methyl acetate	10.0	8.37	J	ug/L		84	58 - 131

QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

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

Lab Sample ID: LCS 240-18383/4

Matrix: Water

Analysis Batch: 18383

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Methyl tert-butyl ether	10.0	9.12		ug/L		91	52 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	10.7		ug/L		107	74 - 151
1,2,4-Trichlorobenzene	10.0	8.37		ug/L		84	48 - 135
1,2-Dichlorobenzene	10.0	9.10		ug/L		91	81 - 110
1,3-Dichlorobenzene	10.0	9.14		ug/L		91	80 - 110
1,4-Dichlorobenzene	10.0	8.95		ug/L		90	82 - 110
Trichlorofluoromethane	10.0	11.7		ug/L		117	49 - 157
Dibromochloromethane	10.0	7.02		ug/L		70	64 - 119
Methylcyclohexane	10.0	8.80		ug/L		88	56 - 127

Surrogate	LCS LCS		Limits
	% Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	95		63 - 129
4-Bromofluorobenzene (Surr)	106		66 - 117
Toluene-d8 (Surr)	104		74 - 115
Dibromofluoromethane (Surr)	101		75 - 121

Lab Sample ID: 240-4429-1 MS

Matrix: Water

Analysis Batch: 18383

Client Sample ID: GW-17360-092911-EM-040

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Acetone	10	U	20.0	21.9		ug/L		110	33 - 145
Benzene	1.0	U	10.0	9.23		ug/L		92	72 - 121
Bromodichloromethane	1.0	U	10.0	7.24		ug/L		72	67 - 120
Bromoform	1.0	U	10.0	4.86		ug/L		49	32 - 128
Bromomethane	1.0	U	10.0	10.1		ug/L		101	10 - 186
2-Butanone (MEK)	10	U	20.0	16.9		ug/L		85	54 - 129
Carbon disulfide	5.0	U	10.0	6.61		ug/L		66	57 - 147
Carbon tetrachloride	1.0	U	10.0	8.63		ug/L		86	59 - 129
Chlorobenzene	1.0	U	10.0	8.61		ug/L		86	80 - 110
Chloroethane	1.0	U	10.0	9.12		ug/L		91	21 - 165
Chloroform	1.0	U	10.0	9.91		ug/L		99	76 - 118
Chloromethane	1.0	U	10.0	8.21		ug/L		82	33 - 132
1,1-Dichloroethane	1.0	U	10.0	9.76		ug/L		98	79 - 116
1,2-Dichloroethane	1.0	U	10.0	9.33		ug/L		93	68 - 129
1,1-Dichloroethene	1.0	U	10.0	9.60		ug/L		96	74 - 135
1,2-Dichloropropane	1.0	U	10.0	9.70		ug/L		97	78 - 115
cis-1,3-Dichloropropene	1.0	U	10.0	6.30		ug/L		63	51 - 110
trans-1,3-Dichloropropene	1.0	U	10.0	5.93		ug/L		59	46 - 116
Ethylbenzene	1.0	U	10.0	8.52		ug/L		85	75 - 116
2-Hexanone	10	U	20.0	15.0		ug/L		75	47 - 139
Methylene Chloride	5.0	U	10.0	9.40		ug/L		94	63 - 128
4-Methyl-2-pentanone (MIBK)	10	U	20.0	17.2		ug/L		86	56 - 131
Styrene	1.0	U	10.0	7.33		ug/L		73	71 - 117
1,1,2,2-Tetrachloroethane	1.0	U	10.0	9.12		ug/L		91	63 - 122
Tetrachloroethene	1.0	U	10.0	8.16		ug/L		82	70 - 117
Toluene	1.0	U	10.0	8.92		ug/L		89	78 - 114
Trichloroethene	1.0	U	10.0	8.52		ug/L		85	66 - 120
Vinyl chloride	1.0	U	10.0	8.90		ug/L		89	49 - 130

QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

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

Lab Sample ID: 240-4429-1 MS

Matrix: Water

Analysis Batch: 18383

Client Sample ID: GW-17360-092911-EM-040

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	% Rec	% Rec.	Limits
	Result	Qualifier	Added	Result	Qualifier					
Xylenes, Total	2.0	U	30.0	26.0		ug/L		87	76 - 116	
1,1,1-Trichloroethane	1.0	U	10.0	9.52		ug/L		95	68 - 121	
1,1,2-Trichloroethane	1.0	U	10.0	8.99		ug/L		90	75 - 115	
Cyclohexane	1.0	U	10.0	8.43		ug/L		84	49 - 123	
1,2-Dibromo-3-Chloropropane	1.0	U	10.0	5.85		ug/L		59	32 - 139	
1,2-Dibromoethane	1.0	U	10.0	8.45		ug/L		85	74 - 113	
Dichlorodifluoromethane	1.0	U	10.0	7.97		ug/L		80	17 - 128	
cis-1,2-Dichloroethene	1.0	U	10.0	9.62		ug/L		96	70 - 120	
trans-1,2-Dichloroethene	1.0	U	10.0	9.60		ug/L		96	80 - 119	
Isopropylbenzene	1.0	U	10.0	8.26		ug/L		83	68 - 116	
Methyl acetate	10	U	10.0	6.94	J	ug/L		69	47 - 130	
Methyl tert-butyl ether	5.0	U	10.0	8.72		ug/L		87	46 - 144	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	10.0	10.3		ug/L		103	70 - 152	
1,2,4-Trichlorobenzene	1.0	U	10.0	7.86		ug/L		79	38 - 138	
1,2-Dichlorobenzene	1.0	U	10.0	8.54		ug/L		85	75 - 111	
1,3-Dichlorobenzene	1.0	U	10.0	8.31		ug/L		83	73 - 110	
1,4-Dichlorobenzene	1.0	U	10.0	8.06		ug/L		81	75 - 110	
Trichlorofluoromethane	1.0	U	10.0	12.1		ug/L		121	46 - 157	
Dibromochloromethane	1.0	U	10.0	5.95		ug/L		60	56 - 118	
Methylcyclohexane	1.0	U	10.0	8.03		ug/L		80	49 - 127	

Surrogate	MS	MS	Limits
	% Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	98		63 - 129
4-Bromofluorobenzene (Surr)	108		66 - 117
Toluene-d8 (Surr)	107		74 - 115
Dibromofluoromethane (Surr)	102		75 - 121

Lab Sample ID: 240-4429-1 MSD

Matrix: Water

Analysis Batch: 18383

Client Sample ID: GW-17360-092911-EM-040

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	% Rec	% Rec.	Limits	RPD	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier								
Acetone	10	U	20.0	27.0		ug/L		135	33 - 145	21	30		
Benzene	1.0	U	10.0	9.57		ug/L		96	72 - 121	4	30		
Bromodichloromethane	1.0	U	10.0	7.68		ug/L		77	67 - 120	6	30		
Bromoform	1.0	U	10.0	5.46		ug/L		55	32 - 128	12	30		
Bromomethane	1.0	U	10.0	10.5		ug/L		105	10 - 186	4	30		
2-Butanone (MEK)	10	U	20.0	18.1		ug/L		91	54 - 129	7	30		
Carbon disulfide	5.0	U	10.0	6.97		ug/L		70	57 - 147	5	30		
Carbon tetrachloride	1.0	U	10.0	8.90		ug/L		89	59 - 129	3	30		
Chlorobenzene	1.0	U	10.0	9.01		ug/L		90	80 - 110	5	30		
Chloroethane	1.0	U	10.0	9.79		ug/L		98	21 - 165	7	30		
Chloroform	1.0	U	10.0	10.2		ug/L		102	76 - 118	3	30		
Chloromethane	1.0	U	10.0	8.25		ug/L		83	33 - 132	0	30		
1,1-Dichloroethane	1.0	U	10.0	10.1		ug/L		101	79 - 116	3	30		
1,2-Dichloroethane	1.0	U	10.0	9.56		ug/L		96	68 - 129	2	30		
1,1-Dichloroethene	1.0	U	10.0	10.0		ug/L		100	74 - 135	4	30		
1,2-Dichloropropane	1.0	U	10.0	9.98		ug/L		100	78 - 115	3	30		
cis-1,3-Dichloropropene	1.0	U	10.0	6.68		ug/L		67	51 - 110	6	30		

QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

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

Lab Sample ID: 240-4429-1 MSD

Client Sample ID: GW-17360-092911-EM-040

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 18383

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	% Rec	% Rec.		RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD		
trans-1,3-Dichloropropene	1.0	U	10.0	6.30		ug/L		63	46 - 116	6	30	
Ethylbenzene	1.0	U	10.0	8.93		ug/L		89	75 - 116	5	30	
2-Hexanone	10	U	20.0	15.6		ug/L		78	47 - 139	4	30	
Methylene Chloride	5.0	U	10.0	9.74		ug/L		97	63 - 128	4	30	
4-Methyl-2-pentanone (MIBK)	10	U	20.0	18.6		ug/L		93	56 - 131	8	30	
Styrene	1.0	U	10.0	8.85		ug/L		89	71 - 117	19	30	
1,1,2,2-Tetrachloroethane	1.0	U	10.0	9.24		ug/L		92	63 - 122	1	30	
Tetrachloroethene	1.0	U	10.0	8.45		ug/L		85	70 - 117	3	30	
Toluene	1.0	U	10.0	9.26		ug/L		93	78 - 114	4	30	
Trichloroethene	1.0	U	10.0	8.77		ug/L		88	66 - 120	3	30	
Vinyl chloride	1.0	U	10.0	8.81		ug/L		88	49 - 130	1	30	
Xylenes, Total	2.0	U	30.0	27.7		ug/L		92	76 - 116	6	30	
1,1,1-Trichloroethane	1.0	U	10.0	9.81		ug/L		98	68 - 121	3	30	
1,1,2-Trichloroethane	1.0	U	10.0	9.31		ug/L		93	75 - 115	3	30	
Cyclohexane	1.0	U	10.0	8.07		ug/L		81	49 - 123	4	30	
1,2-Dibromo-3-Chloropropane	1.0	U	10.0	6.76		ug/L		68	32 - 139	14	30	
1,2-Dibromoethane	1.0	U	10.0	8.73		ug/L		87	74 - 113	3	30	
Dichlorodifluoromethane	1.0	U	10.0	7.05		ug/L		71	17 - 128	12	30	
cis-1,2-Dichloroethene	1.0	U	10.0	9.84		ug/L		98	70 - 120	2	30	
trans-1,2-Dichloroethene	1.0	U	10.0	9.99		ug/L		100	80 - 119	4	30	
Isopropylbenzene	1.0	U	10.0	8.88		ug/L		89	68 - 116	7	30	
Methyl acetate	10	U	10.0	7.74	J	ug/L		77	47 - 130	11	30	
Methyl tert-butyl ether	5.0	U	10.0	9.34		ug/L		93	46 - 144	7	30	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	10.0	9.77		ug/L		98	70 - 152	5	30	
1,2,4-Trichlorobenzene	1.0	U	10.0	9.05		ug/L		91	38 - 138	14	30	
1,2-Dichlorobenzene	1.0	U	10.0	9.12		ug/L		91	75 - 111	7	30	
1,3-Dichlorobenzene	1.0	U	10.0	8.70		ug/L		87	73 - 110	5	30	
1,4-Dichlorobenzene	1.0	U	10.0	8.43		ug/L		84	75 - 110	4	30	
Trichlorofluoromethane	1.0	U	10.0	11.8		ug/L		118	46 - 157	3	30	
Dibromochloromethane	1.0	U	10.0	6.39		ug/L		64	56 - 118	7	30	
Methylcyclohexane	1.0	U	10.0	7.69		ug/L		77	49 - 127	4	30	

Surrogate	MSD MSD		Limits
	% Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	97		63 - 129
4-Bromofluorobenzene (Surr)	111		66 - 117
Toluene-d8 (Surr)	106		74 - 115
Dibromofluoromethane (Surr)	102		75 - 121

Method: 8270C - TCL Semivolatile Compounds (OLMO4.2)

Lab Sample ID: MB 240-17768/19-A

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 18480

Prep Batch: 17768

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1'-Biphenyl	5.0	U	5.0	0.80	ug/L		10/04/11 08:07	10/10/11 09:59	1
2,2'-oxybis[1-chloropropane]	5.0	U	5.0	0.40	ug/L		10/04/11 08:07	10/10/11 09:59	1
2,4,5-Trichlorophenol	5.0	U	5.0	0.30	ug/L		10/04/11 08:07	10/10/11 09:59	1

QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

Method: 8270C - TCL Semivolatile Compounds (OLMO4.2) (Continued)

Lab Sample ID: MB 240-17768/19-A

Matrix: Water

Analysis Batch: 18480

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 17768

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
2,4,6-Trichlorophenol	4.0	U	4.0	0.80	ug/L		10/04/11 08:07	10/10/11 09:59	1
2,4-Dichlorophenol	10	U	10	0.80	ug/L		10/04/11 08:07	10/10/11 09:59	1
2,4-Dimethylphenol	5.0	U	5.0	0.80	ug/L		10/04/11 08:07	10/10/11 09:59	1
2,4-Dinitrophenol	20	U	20	2.4	ug/L		10/04/11 08:07	10/10/11 09:59	1
2,4-Dinitrotoluene	5.0	U	5.0	0.27	ug/L		10/04/11 08:07	10/10/11 09:59	1
2,6-Dinitrotoluene	5.0	U	5.0	0.80	ug/L		10/04/11 08:07	10/10/11 09:59	1
2-Chloronaphthalene	5.0	U	5.0	0.10	ug/L		10/04/11 08:07	10/10/11 09:59	1
2-Chlorophenol	5.0	U	5.0	0.29	ug/L		10/04/11 08:07	10/10/11 09:59	1
2-Methylphenol	5.0	U	5.0	0.80	ug/L		10/04/11 08:07	10/10/11 09:59	1
2-Nitroaniline	20	U	20	0.80	ug/L		10/04/11 08:07	10/10/11 09:59	1
2-Nitrophenol	5.0	U	5.0	0.28	ug/L		10/04/11 08:07	10/10/11 09:59	1
3,3'-Dichlorobenzidine	1.0	U	1.0	0.37	ug/L		10/04/11 08:07	10/10/11 09:59	1
2-Methylnaphthalene	5.0	U	5.0	0.10	ug/L		10/04/11 08:07	10/10/11 09:59	1
3-Nitroaniline	20	U	20	0.28	ug/L		10/04/11 08:07	10/10/11 09:59	1
4,6-Dinitro-2-methylphenol	20	U	20	2.4	ug/L		10/04/11 08:07	10/10/11 09:59	1
4-Bromophenyl phenyl ether	5.0	U	5.0	0.80	ug/L		10/04/11 08:07	10/10/11 09:59	1
4-Chloro-3-methylphenol	5.0	U	5.0	0.80	ug/L		10/04/11 08:07	10/10/11 09:59	1
4-Chloroaniline	10	U	10	0.80	ug/L		10/04/11 08:07	10/10/11 09:59	1
4-Chlorophenyl phenyl ether	5.0	U	5.0	0.30	ug/L		10/04/11 08:07	10/10/11 09:59	1
4-Nitroaniline	20	U	20	0.80	ug/L		10/04/11 08:07	10/10/11 09:59	1
4-Nitrophenol	20	U	20	2.4	ug/L		10/04/11 08:07	10/10/11 09:59	1
Acenaphthene	5.0	U	5.0	0.10	ug/L		10/04/11 08:07	10/10/11 09:59	1
Acenaphthylene	5.0	U	5.0	0.10	ug/L		10/04/11 08:07	10/10/11 09:59	1
Acetophenone	5.0	U	5.0	0.34	ug/L		10/04/11 08:07	10/10/11 09:59	1
Anthracene	5.0	U	5.0	0.10	ug/L		10/04/11 08:07	10/10/11 09:59	1
Atrazine	3.0	U	3.0	0.34	ug/L		10/04/11 08:07	10/10/11 09:59	1
Benzaldehyde	5.0	U	5.0	0.39	ug/L		10/04/11 08:07	10/10/11 09:59	1
Benzo[a]anthracene	1.0	U	1.0	0.10	ug/L		10/04/11 08:07	10/10/11 09:59	1
Benzo[a]pyrene	1.0	U	1.0	0.10	ug/L		10/04/11 08:07	10/10/11 09:59	1
Benzo[b]fluoranthene	1.0	U	1.0	0.10	ug/L		10/04/11 08:07	10/10/11 09:59	1
Benzo[g,h,i]perylene	1.0	U	1.0	0.10	ug/L		10/04/11 08:07	10/10/11 09:59	1
Benzo[k]fluoranthene	1.0	U	1.0	0.10	ug/L		10/04/11 08:07	10/10/11 09:59	1
Bis(2-chloroethoxy)methane	5.0	U	5.0	0.32	ug/L		10/04/11 08:07	10/10/11 09:59	1
Bis(2-chloroethyl)ether	1.0	U	1.0	0.10	ug/L		10/04/11 08:07	10/10/11 09:59	1
Bis(2-ethylhexyl) phthalate	0.827	J	5.0	0.80	ug/L		10/04/11 08:07	10/10/11 09:59	1
Butyl benzyl phthalate	5.0	U	5.0	0.80	ug/L		10/04/11 08:07	10/10/11 09:59	1
Caprolactam	10	U	10	0.80	ug/L		10/04/11 08:07	10/10/11 09:59	1
Carbazole	10	U	10	0.28	ug/L		10/04/11 08:07	10/10/11 09:59	1
Chrysene	1.0	U	1.0	0.10	ug/L		10/04/11 08:07	10/10/11 09:59	1
Dibenz(a,h)anthracene	2.0	U	2.0	0.10	ug/L		10/04/11 08:07	10/10/11 09:59	1
Dibenzofuran	4.0	U	4.0	0.10	ug/L		10/04/11 08:07	10/10/11 09:59	1
Diethyl phthalate	5.0	U	5.0	0.60	ug/L		10/04/11 08:07	10/10/11 09:59	1
Dimethyl phthalate	5.0	U	5.0	0.29	ug/L		10/04/11 08:07	10/10/11 09:59	1
Di-n-butyl phthalate	5.0	U	5.0	0.67	ug/L		10/04/11 08:07	10/10/11 09:59	1
Di-n-octyl phthalate	5.0	U	5.0	0.80	ug/L		10/04/11 08:07	10/10/11 09:59	1
Fluoranthene	1.0	U	1.0	0.10	ug/L		10/04/11 08:07	10/10/11 09:59	1
Fluorene	5.0	U	5.0	0.10	ug/L		10/04/11 08:07	10/10/11 09:59	1
Hexachlorobenzene	0.20	U	0.20	0.10	ug/L		10/04/11 08:07	10/10/11 09:59	1
Hexachlorobutadiene	1.0	U	1.0	0.27	ug/L		10/04/11 08:07	10/10/11 09:59	1
Hexachlorocyclopentadiene	5.0	U	5.0	0.80	ug/L		10/04/11 08:07	10/10/11 09:59	1

QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

Method: 8270C - TCL Semivolatile Compounds (OLMO4.2) (Continued)

Lab Sample ID: MB 240-17768/19-A

Matrix: Water

Analysis Batch: 18480

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 17768

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Hexachloroethane	5.0	U	5.0	0.80	ug/L		10/04/11 08:07	10/10/11 09:59	1
Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.10	ug/L		10/04/11 08:07	10/10/11 09:59	1
Isophorone	5.0	U	5.0	0.27	ug/L		10/04/11 08:07	10/10/11 09:59	1
Naphthalene	5.0	U	5.0	0.10	ug/L		10/04/11 08:07	10/10/11 09:59	1
Nitrobenzene	3.0	U	3.0	0.040	ug/L		10/04/11 08:07	10/10/11 09:59	1
N-Nitrosodi-n-propylamine	5.0	U	5.0	0.80	ug/L		10/04/11 08:07	10/10/11 09:59	1
N-Nitrosodiphenylamine	5.0	U	5.0	0.31	ug/L		10/04/11 08:07	10/10/11 09:59	1
Pentachlorophenol	5.0	U	5.0	2.4	ug/L		10/04/11 08:07	10/10/11 09:59	1
Phenol	5.0	U	5.0	0.60	ug/L		10/04/11 08:07	10/10/11 09:59	1
Phenanthrene	2.0	U	2.0	0.10	ug/L		10/04/11 08:07	10/10/11 09:59	1
Pyrene	5.0	U	5.0	0.10	ug/L		10/04/11 08:07	10/10/11 09:59	1
3 & 4 Methylphenol	5.0	U	5.0	0.75	ug/L		10/04/11 08:07	10/10/11 09:59	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	% Recovery	Qualifier				
2-Fluorobiphenyl (Surr)	73		28 - 110	10/04/11 08:07	10/10/11 09:59	1
2-Fluorophenol (Surr)	75		10 - 110	10/04/11 08:07	10/10/11 09:59	1
2,4,6-Tribromophenol (Surr)	60		22 - 120	10/04/11 08:07	10/10/11 09:59	1
Nitrobenzene-d5 (Surr)	70		27 - 111	10/04/11 08:07	10/10/11 09:59	1
Phenol-d5 (Surr)	74		10 - 110	10/04/11 08:07	10/10/11 09:59	1
Terphenyl-d14 (Surr)	90		37 - 119	10/04/11 08:07	10/10/11 09:59	1

Lab Sample ID: LCS 240-17768/20-A

Matrix: Water

Analysis Batch: 18480

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 17768

Analyte	Spike Added	LCS	LCS	Unit	D	% Rec	% Rec. Limits
		Result	Qualifier				
1,1'-Biphenyl	20.0	13.7		ug/L		69	50 - 130
2,2'-oxybis[1-chloropropane]	20.0	12.7		ug/L		64	25 - 128
2,4,5-Trichlorophenol	20.0	15.0		ug/L		75	39 - 110
2,4,6-Trichlorophenol	20.0	12.9		ug/L		65	35 - 110
2,4-Dichlorophenol	20.0	14.8		ug/L		74	33 - 110
2,4-Dimethylphenol	20.0	11.2		ug/L		56	12 - 110
2,4-Dinitrophenol	20.0	5.02	J	ug/L		25	17 - 112
2,4-Dinitrotoluene	20.0	14.9		ug/L		75	52 - 123
2,6-Dinitrotoluene	20.0	14.6		ug/L		73	52 - 119
2-Chloronaphthalene	20.0	13.3		ug/L		66	39 - 110
2-Chlorophenol	20.0	13.6		ug/L		68	27 - 110
2-Methylphenol	20.0	14.2		ug/L		71	30 - 110
2-Nitroaniline	20.0	13.3	J	ug/L		67	43 - 130
2-Nitrophenol	20.0	13.6		ug/L		68	29 - 110
3,3'-Dichlorobenzidine	20.0	8.44		ug/L		42	19 - 110
2-Methylnaphthalene	20.0	13.9		ug/L		69	35 - 110
3-Nitroaniline	20.0	13.5	J	ug/L		68	45 - 116
4,6-Dinitro-2-methylphenol	20.0	10.4	J	ug/L		52	28 - 112
4-Bromophenyl phenyl ether	20.0	13.7		ug/L		68	51 - 114
4-Chloro-3-methylphenol	20.0	14.0		ug/L		70	39 - 110
4-Chloroaniline	20.0	13.0		ug/L		65	10 - 110
4-Chlorophenyl phenyl ether	20.0	14.3		ug/L		71	50 - 115
4-Nitroaniline	20.0	14.0	J	ug/L		70	45 - 120

QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

Method: 8270C - TCL Semivolatile Compounds (OLMO4.2) (Continued)

Lab Sample ID: LCS 240-17768/20-A

Matrix: Water

Analysis Batch: 18480

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 17768

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
4-Nitrophenol	20.0	9.60	J	ug/L		48	12 - 130
Acenaphthene	20.0	13.6		ug/L		68	40 - 110
Acenaphthylene	20.0	13.5		ug/L		68	43 - 110
Acetophenone	20.0	13.4		ug/L		67	50 - 130
Anthracene	20.0	13.7		ug/L		68	54 - 114
Atrazine	20.0	14.9		ug/L		75	50 - 130
Benzaldehyde	20.0	13.3		ug/L		67	10 - 130
Benzo[a]anthracene	20.0	13.8		ug/L		69	55 - 115
Benzo[a]pyrene	20.0	11.9		ug/L		60	43 - 116
Benzo[b]fluoranthene	20.0	14.0		ug/L		70	43 - 122
Benzo[g,h,i]perylene	20.0	14.1		ug/L		71	45 - 120
Benzo[k]fluoranthene	20.0	13.7		ug/L		68	43 - 124
Bis(2-chloroethoxy)methane	20.0	12.6		ug/L		63	39 - 110
Bis(2-chloroethyl)ether	20.0	13.7		ug/L		69	34 - 113
Bis(2-ethylhexyl) phthalate	20.0	12.9		ug/L		65	36 - 163
Butyl benzyl phthalate	20.0	14.5		ug/L		72	53 - 126
Caprolactam	20.0	12.0		ug/L		60	50 - 130
Carbazole	20.0	13.8		ug/L		69	53 - 120
Chrysene	20.0	13.4		ug/L		67	55 - 115
Dibenz(a,h)anthracene	20.0	13.6		ug/L		68	46 - 122
Dibenzofuran	20.0	13.4		ug/L		67	46 - 111
Diethyl phthalate	20.0	14.1		ug/L		70	33 - 134
Dimethyl phthalate	20.0	14.2		ug/L		71	15 - 143
Di-n-butyl phthalate	20.0	14.1		ug/L		71	55 - 122
Di-n-octyl phthalate	20.0	13.2		ug/L		66	44 - 128
Fluoranthene	20.0	14.3		ug/L		72	54 - 122
Fluorene	20.0	14.0		ug/L		70	47 - 112
Hexachlorobenzene	20.0	13.5		ug/L		68	51 - 112
Hexachlorobutadiene	20.0	12.7		ug/L		63	13 - 110
Hexachlorocyclopentadiene	20.0	4.26	J	ug/L		21	10 - 110
Hexachloroethane	20.0	12.8		ug/L		64	12 - 110
Indeno[1,2,3-cd]pyrene	20.0	13.3		ug/L		66	46 - 121
Isophorone	20.0	12.1		ug/L		61	44 - 128
Naphthalene	20.0	13.2		ug/L		66	31 - 110
Nitrobenzene	20.0	12.6		ug/L		63	37 - 115
N-Nitrosodi-n-propylamine	20.0	12.6		ug/L		63	37 - 121
N-Nitrosodiphenylamine	20.0	12.7		ug/L		63	53 - 113
Pentachlorophenol	20.0	8.28		ug/L		41	26 - 110
Phenol	20.0	13.4		ug/L		67	14 - 112
Phenanthrene	20.0	13.6		ug/L		68	52 - 114
Pyrene	20.0	14.2		ug/L		71	55 - 120
3 & 4 Methylphenol	40.0	25.8		ug/L		65	32 - 110

Surrogate	LCS LCS		Limits
	% Recovery	Qualifier	
2-Fluorobiphenyl (Surr)	67		28 - 110
2-Fluorophenol (Surr)	69		10 - 110
2,4,6-Tribromophenol (Surr)	71		22 - 120
Nitrobenzene-d5 (Surr)	61		27 - 111
Phenol-d5 (Surr)	70		10 - 110

QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

Method: 8270C - TCL Semivolatile Compounds (OLMO4.2) (Continued)

Lab Sample ID: LCS 240-17768/20-A

Matrix: Water

Analysis Batch: 18480

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 17768

Surrogate	LCS LCS		Limits
	% Recovery	Qualifier	
Terphenyl-d14 (Surr)	82		37 - 119

Lab Sample ID: 240-4429-1 MS

Matrix: Water

Analysis Batch: 18605

Client Sample ID: GW-17360-092911-EM-040

Prep Type: Total/NA

Prep Batch: 17768

Analyte	Sample Result	Sample Qualifier	Spike Added	MS MS		Unit	D	% Rec	% Rec. Limits
				Result	Qualifier				
1,1'-Biphenyl	4.8	U	40.0	23.8		ug/L		60	50 - 130
2,2'-oxybis[1-chloropropane]	4.8	U	40.0	20.8		ug/L		52	25 - 128
2,4,5-Trichlorophenol	4.8	U	40.0	24.9		ug/L		62	36 - 110
2,4,6-Trichlorophenol	3.8	U	40.0	23.7		ug/L		59	34 - 110
2,4-Dichlorophenol	9.6	U	40.0	24.6		ug/L		61	30 - 110
2,4-Dimethylphenol	4.8	U	40.0	19.9		ug/L		50	11 - 110
2,4-Dinitrophenol	19	U	40.0	15.0	J	ug/L		38	11 - 119
2,4-Dinitrotoluene	4.8	U	40.0	27.0		ug/L		68	46 - 119
2,6-Dinitrotoluene	4.8	U	40.0	27.0		ug/L		67	48 - 115
2-Chloronaphthalene	4.8	U	40.0	22.4		ug/L		56	34 - 110
2-Chlorophenol	4.8	U	40.0	21.2		ug/L		53	26 - 110
2-Methylnaphthalene	4.8	U	40.0	23.5		ug/L		59	35 - 110
2-Methylphenol	4.8	U	40.0	24.4		ug/L		61	26 - 110
2-Nitroaniline	19	U	40.0	24.0	J	ug/L		60	31 - 129
2-Nitrophenol	4.8	U	40.0	22.9		ug/L		57	30 - 110
3,3'-Dichlorobenzidine	0.96	U	40.0	10.8		ug/L		27	10 - 110
3-Nitroaniline	19	U	40.0	23.8	J	ug/L		59	23 - 112
4,6-Dinitro-2-methylphenol	19	U	40.0	22.9	J	ug/L		57	25 - 110
4-Bromophenyl phenyl ether	4.8	U	40.0	25.7		ug/L		64	42 - 113
4-Chloro-3-methylphenol	4.8	U	40.0	24.6		ug/L		62	33 - 110
4-Chloroaniline	9.6	U	40.0	20.8		ug/L		52	10 - 110
4-Chlorophenyl phenyl ether	4.8	U	40.0	24.7		ug/L		62	43 - 113
4-Nitroaniline	19	U	40.0	25.7	J	ug/L		64	26 - 115
4-Nitrophenol	19	U	40.0	23.7	J	ug/L		59	13 - 127
Acenaphthene	4.8	U	40.0	23.0		ug/L		58	36 - 110
Acenaphthylene	4.8	U	40.0	23.0		ug/L		57	39 - 110
Acetophenone	4.8	U	40.0	21.9		ug/L		55	50 - 130
Anthracene	4.8	U	40.0	25.9		ug/L		65	46 - 110
Atrazine	2.9	U	40.0	30.1		ug/L		75	50 - 130
Benzaldehyde	4.8	U	40.0	20.8		ug/L		52	10 - 130
Benzo[a]anthracene	0.96	U	40.0	25.4		ug/L		64	52 - 110
Benzo[a]pyrene	0.96	U	40.0	20.7		ug/L		52	33 - 110
Benzo[b]fluoranthene	0.96	U	40.0	25.9		ug/L		65	33 - 114
Benzo[g,h,i]perylene	0.96	U	40.0	24.4		ug/L		61	34 - 116
Benzo[k]fluoranthene	0.96	U	40.0	23.3		ug/L		58	32 - 121
Bis(2-chloroethoxy)methane	4.8	U	40.0	22.0		ug/L		55	35 - 110
Bis(2-chloroethyl)ether	0.96	U	40.0	21.4		ug/L		53	27 - 110
Bis(2-ethylhexyl) phthalate	4.8	U	40.0	23.8		ug/L		59	40 - 140
Butyl benzyl phthalate	4.8	U	40.0	26.5		ug/L		66	51 - 121
Caprolactam	9.6	U	40.0	25.6		ug/L		64	50 - 130
Carbazole	9.6	U	40.0	25.8		ug/L		64	49 - 114
Chrysene	0.96	U	40.0	25.4		ug/L		64	52 - 111

QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

Method: 8270C - TCL Semivolatile Compounds (OLMO4.2) (Continued)

Lab Sample ID: 240-4429-1 MS

Matrix: Water

Analysis Batch: 18605

Client Sample ID: GW-17360-092911-EM-040

Prep Type: Total/NA

Prep Batch: 17768

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	% Rec	% Rec.	
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD
Dibenz(a,h)anthracene	1.9	U	40.0	23.7		ug/L		59	35 - 118	
Dibenzofuran	3.8	U	40.0	23.2		ug/L		58	41 - 110	
Diethyl phthalate	4.8	U	40.0	26.3		ug/L		66	33 - 130	
Dimethyl phthalate	4.8	U	40.0	25.6		ug/L		64	36 - 124	
Di-n-butyl phthalate	4.8	U	40.0	26.9		ug/L		67	50 - 117	
Di-n-octyl phthalate	4.8	U	40.0	25.0		ug/L		62	36 - 124	
Fluoranthene	0.96	U	40.0	27.2		ug/L		68	53 - 111	
Fluorene	4.8	U	40.0	24.7		ug/L		62	43 - 110	
Hexachlorobenzene	0.19	U	40.0	25.2		ug/L		63	40 - 113	
Hexachlorobutadiene	0.96	U	40.0	20.0		ug/L		50	14 - 110	
Hexachlorocyclopentadiene	4.8	U	40.0	6.52	J	ug/L		16	10 - 110	
Hexachloroethane	4.8	U	40.0	19.7		ug/L		49	10 - 110	
Indeno[1,2,3-cd]pyrene	1.9	U	40.0	23.5		ug/L		59	36 - 116	
Isophorone	4.8	U	40.0	21.4		ug/L		54	34 - 125	
Naphthalene	4.8	U	40.0	21.5		ug/L		54	32 - 110	
Nitrobenzene	2.9	U	40.0	21.2		ug/L		53	26 - 118	
N-Nitrosodi-n-propylamine	4.8	U	40.0	21.7		ug/L		54	25 - 119	
N-Nitrosodiphenylamine	4.8	U	40.0	23.5		ug/L		59	28 - 118	
Pentachlorophenol	4.8	U	40.0	18.0		ug/L		45	23 - 110	
Phenol	4.8	U	40.0	22.3		ug/L		56	16 - 110	
Phenanthrene	1.9	U	40.0	25.3		ug/L		63	47 - 110	
Pyrene	4.8	U	40.0	26.0		ug/L		65	54 - 115	
3 & 4 Methylphenol	4.8	U	80.0	45.2		ug/L		57	25 - 110	

Surrogate	MS	MS	MS
	% Recovery	Qualifier	Limits
2-Fluorobiphenyl (Surr)	55		28 - 110
2-Fluorophenol (Surr)	51		10 - 110
2,4,6-Tribromophenol (Surr)	63		22 - 120
Nitrobenzene-d5 (Surr)	49		27 - 111
Phenol-d5 (Surr)	55		10 - 110
Terphenyl-d14 (Surr)	70		37 - 119

Lab Sample ID: 240-4429-1 MSD

Matrix: Water

Analysis Batch: 18605

Client Sample ID: GW-17360-092911-EM-040

Prep Type: Total/NA

Prep Batch: 17768

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	% Rec	% Rec.		RPD	
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD	Limit	
1,1'-Biphenyl	4.8	U	40.0	24.4		ug/L		61	50 - 130	2	30	
2,2'-oxybis[1-chloropropane]	4.8	U	40.0	21.8		ug/L		55	25 - 128	5	30	
2,4,5-Trichlorophenol	4.8	U	40.0	26.0		ug/L		65	36 - 110	4	30	
2,4,6-Trichlorophenol	3.8	U	40.0	24.4		ug/L		61	34 - 110	3	30	
2,4-Dichlorophenol	9.6	U	40.0	25.4		ug/L		64	30 - 110	3	30	
2,4-Dimethylphenol	4.8	U	40.0	21.0		ug/L		52	11 - 110	5	30	
2,4-Dinitrophenol	19	U	40.0	16.4	J	ug/L		41	11 - 119	8	30	
2,4-Dinitrotoluene	4.8	U	40.0	28.1		ug/L		70	46 - 119	4	30	
2,6-Dinitrotoluene	4.8	U	40.0	27.9		ug/L		70	48 - 115	3	30	
2-Chloronaphthalene	4.8	U	40.0	22.7		ug/L		57	34 - 110	1	30	
2-Chlorophenol	4.8	U	40.0	22.2		ug/L		56	26 - 110	5	30	
2-Methylnaphthalene	4.8	U	40.0	24.1		ug/L		60	35 - 110	3	30	

QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

Method: 8270C - TCL Semivolatile Compounds (OLMO4.2) (Continued)

Lab Sample ID: 240-4429-1 MSD

Matrix: Water

Analysis Batch: 18605

Client Sample ID: GW-17360-092911-EM-040

Prep Type: Total/NA

Prep Batch: 17768

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	% Rec	% Rec.		RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD		
2-Methylphenol	4.8	U	40.0	25.1		ug/L		63	26 - 110	3	30	
2-Nitroaniline	19	U	40.0	24.4	J	ug/L		61	31 - 129	2	30	
2-Nitrophenol	4.8	U	40.0	23.5		ug/L		59	30 - 110	3	30	
3,3'-Dichlorobenzidine	0.96	U	40.0	11.2		ug/L		28	10 - 110	4	30	
3-Nitroaniline	19	U	40.0	24.8	J	ug/L		62	23 - 112	4	30	
4,6-Dinitro-2-methylphenol	19	U	40.0	24.0	J	ug/L		60	25 - 110	5	30	
4-Bromophenyl phenyl ether	4.8	U	40.0	26.7		ug/L		67	42 - 113	4	30	
4-Chloro-3-methylphenol	4.8	U	40.0	26.1		ug/L		65	33 - 110	6	30	
4-Chloroaniline	9.6	U	40.0	20.1		ug/L		50	10 - 110	4	30	
4-Chlorophenyl phenyl ether	4.8	U	40.0	26.0		ug/L		65	43 - 113	5	30	
4-Nitroaniline	19	U	40.0	26.7	J	ug/L		67	26 - 115	4	30	
4-Nitrophenol	19	U	40.0	25.3	J	ug/L		63	13 - 127	7	30	
Acenaphthene	4.8	U	40.0	23.7		ug/L		59	36 - 110	3	30	
Acenaphthylene	4.8	U	40.0	23.4		ug/L		59	39 - 110	2	30	
Acetophenone	4.8	U	40.0	23.4		ug/L		58	50 - 130	6	30	
Anthracene	4.8	U	40.0	26.8		ug/L		67	46 - 110	3	30	
Atrazine	2.9	U	40.0	31.3		ug/L		78	50 - 130	4	30	
Benzaldehyde	4.8	U	40.0	22.0		ug/L		55	10 - 130	6	30	
Benzo[a]anthracene	0.96	U	40.0	26.4		ug/L		66	52 - 110	4	30	
Benzo[a]pyrene	0.96	U	40.0	22.2		ug/L		56	33 - 110	7	30	
Benzo[b]fluoranthene	0.96	U	40.0	25.4		ug/L		63	33 - 114	2	30	
Benzo[g,h,i]perylene	0.96	U	40.0	27.1		ug/L		68	34 - 116	10	30	
Benzo[k]fluoranthene	0.96	U	40.0	27.5		ug/L		69	32 - 121	17	30	
Bis(2-chloroethoxy)methane	4.8	U	40.0	22.5		ug/L		56	35 - 110	2	30	
Bis(2-chloroethyl)ether	0.96	U	40.0	22.4		ug/L		56	27 - 110	5	30	
Bis(2-ethylhexyl) phthalate	4.8	U	40.0	26.5		ug/L		66	40 - 140	11	30	
Butyl benzyl phthalate	4.8	U	40.0	28.2		ug/L		71	51 - 121	6	30	
Caprolactam	9.6	U	40.0	27.8		ug/L		70	50 - 130	8	30	
Carbazole	9.6	U	40.0	26.5		ug/L		66	49 - 114	3	30	
Chrysene	0.96	U	40.0	27.9		ug/L		70	52 - 111	9	30	
Dibenz(a,h)anthracene	1.9	U	40.0	26.6		ug/L		67	35 - 118	12	30	
Dibenzofuran	3.8	U	40.0	24.0		ug/L		60	41 - 110	3	30	
Diethyl phthalate	4.8	U	40.0	27.2		ug/L		68	33 - 130	4	30	
Dimethyl phthalate	4.8	U	40.0	27.0		ug/L		68	36 - 124	5	30	
Di-n-butyl phthalate	4.8	U	40.0	28.2		ug/L		71	50 - 117	5	30	
Di-n-octyl phthalate	4.8	U	40.0	26.8		ug/L		67	36 - 124	7	30	
Fluoranthene	0.96	U	40.0	28.1		ug/L		70	53 - 111	3	30	
Fluorene	4.8	U	40.0	25.8		ug/L		64	43 - 110	4	30	
Hexachlorobenzene	0.19	U	40.0	26.0		ug/L		65	40 - 113	3	30	
Hexachlorobutadiene	0.96	U	40.0	21.1		ug/L		53	14 - 110	5	30	
Hexachlorocyclopentadiene	4.8	U	40.0	6.72	J	ug/L		17	10 - 110	3	30	
Hexachloroethane	4.8	U	40.0	21.1		ug/L		53	10 - 110	7	30	
Indeno[1,2,3-cd]pyrene	1.9	U	40.0	25.8		ug/L		64	36 - 116	9	30	
Isophorone	4.8	U	40.0	22.2		ug/L		55	34 - 125	3	30	
Naphthalene	4.8	U	40.0	22.7		ug/L		57	32 - 110	5	30	
Nitrobenzene	2.9	U	40.0	22.0		ug/L		55	26 - 118	4	30	
N-Nitrosodi-n-propylamine	4.8	U	40.0	22.2		ug/L		56	25 - 119	2	30	
N-Nitrosodiphenylamine	4.8	U	40.0	23.8		ug/L		60	28 - 118	1	30	
Pentachlorophenol	4.8	U	40.0	19.0		ug/L		47	23 - 110	5	30	
Phenol	4.8	U	40.0	22.8		ug/L		57	16 - 110	2	30	

QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

Method: 8270C - TCL Semivolatile Compounds (OLMO4.2) (Continued)

Lab Sample ID: 240-4429-1 MSD

Matrix: Water

Analysis Batch: 18605

Client Sample ID: GW-17360-092911-EM-040

Prep Type: Total/NA

Prep Batch: 17768

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	% Rec	% Rec.		RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD		
Phenanthrene	1.9	U	40.0	26.6		ug/L		66	47 - 110	5	30	
Pyrene	4.8	U	40.0	27.2		ug/L		68	54 - 115	5	30	
3 & 4 Methylphenol	4.8	U	80.0	46.8		ug/L		59	25 - 110	3	30	

Surrogate	MSD	MSD	Limits
	% Recovery	Qualifier	
2-Fluorobiphenyl (Surr)	56		28 - 110
2-Fluorophenol (Surr)	55		10 - 110
2,4,6-Tribromophenol (Surr)	65		22 - 120
Nitrobenzene-d5 (Surr)	52		27 - 111
Phenol-d5 (Surr)	58		10 - 110
Terphenyl-d14 (Surr)	75		37 - 119

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

Lab Sample ID: MB 240-17967/1-A

Matrix: Water

Analysis Batch: 18605

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 17967

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
2-Methylnaphthalene	5.0	U	5.0	0.10	ug/L		10/05/11 08:19	10/11/11 09:35	1
Acenaphthene	5.0	U	5.0	0.10	ug/L		10/05/11 08:19	10/11/11 09:35	1
Acenaphthylene	5.0	U	5.0	0.10	ug/L		10/05/11 08:19	10/11/11 09:35	1
Anthracene	5.0	U	5.0	0.10	ug/L		10/05/11 08:19	10/11/11 09:35	1
Benzo[a]anthracene	1.0	U	1.0	0.10	ug/L		10/05/11 08:19	10/11/11 09:35	1
Benzo[a]pyrene	1.0	U	1.0	0.10	ug/L		10/05/11 08:19	10/11/11 09:35	1
Benzo[b]fluoranthene	1.0	U	1.0	0.10	ug/L		10/05/11 08:19	10/11/11 09:35	1
Benzo[g,h,i]perylene	1.0	U	1.0	0.10	ug/L		10/05/11 08:19	10/11/11 09:35	1
Benzo[k]fluoranthene	1.0	U	1.0	0.10	ug/L		10/05/11 08:19	10/11/11 09:35	1
Chrysene	1.0	U	1.0	0.10	ug/L		10/05/11 08:19	10/11/11 09:35	1
Dibenz(a,h)anthracene	2.0	U	2.0	0.10	ug/L		10/05/11 08:19	10/11/11 09:35	1
Fluoranthene	1.0	U	1.0	0.10	ug/L		10/05/11 08:19	10/11/11 09:35	1
Fluorene	5.0	U	5.0	0.10	ug/L		10/05/11 08:19	10/11/11 09:35	1
Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.10	ug/L		10/05/11 08:19	10/11/11 09:35	1
Naphthalene	5.0	U	5.0	0.10	ug/L		10/05/11 08:19	10/11/11 09:35	1
Phenanthrene	2.0	U	2.0	0.10	ug/L		10/05/11 08:19	10/11/11 09:35	1
Pyrene	5.0	U	5.0	0.10	ug/L		10/05/11 08:19	10/11/11 09:35	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	% Recovery	Qualifier				
2-Fluorobiphenyl (Surr)	67		28 - 110	10/05/11 08:19	10/11/11 09:35	1
2-Fluorophenol (Surr)	69		10 - 110	10/05/11 08:19	10/11/11 09:35	1
2,4,6-Tribromophenol (Surr)	66		22 - 120	10/05/11 08:19	10/11/11 09:35	1
Nitrobenzene-d5 (Surr)	65		27 - 111	10/05/11 08:19	10/11/11 09:35	1
Phenol-d5 (Surr)	73		10 - 110	10/05/11 08:19	10/11/11 09:35	1
Terphenyl-d14 (Surr)	83		37 - 119	10/05/11 08:19	10/11/11 09:35	1

QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

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

Lab Sample ID: LCS 240-17967/2-A
Matrix: Water
Analysis Batch: 18605

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 17967

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
2-Methylnaphthalene	20.0	15.9		ug/L		79	35 - 110
Acenaphthene	20.0	15.1		ug/L		76	40 - 110
Acenaphthylene	20.0	15.0		ug/L		75	43 - 110
Anthracene	20.0	15.7		ug/L		79	54 - 114
Benzo[a]anthracene	20.0	15.8		ug/L		79	55 - 115
Benzo[a]pyrene	20.0	13.1		ug/L		66	43 - 116
Benzo[b]fluoranthene	20.0	15.7		ug/L		78	43 - 122
Benzo[g,h,i]perylene	20.0	15.7		ug/L		79	45 - 120
Benzo[k]fluoranthene	20.0	15.3		ug/L		77	43 - 124
Chrysene	20.0	15.5		ug/L		78	55 - 115
Dibenz(a,h)anthracene	20.0	15.0		ug/L		75	46 - 122
Fluoranthene	20.0	15.9		ug/L		80	54 - 122
Fluorene	20.0	15.5		ug/L		77	47 - 112
Indeno[1,2,3-cd]pyrene	20.0	14.8		ug/L		74	46 - 121
Naphthalene	20.0	15.2		ug/L		76	31 - 110
Phenanthrene	20.0	15.3		ug/L		77	52 - 114
Pyrene	20.0	16.1		ug/L		81	55 - 120

Surrogate	LCS LCS		Limits
	% Recovery	Qualifier	
2-Fluorobiphenyl (Surr)	80		28 - 110
2-Fluorophenol (Surr)	81		10 - 110
2,4,6-Tribromophenol (Surr)	78		22 - 120
Nitrobenzene-d5 (Surr)	75		27 - 111
Phenol-d5 (Surr)	86		10 - 110
Terphenyl-d14 (Surr)	92		37 - 119

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 240-18568/1-A
Matrix: Water
Analysis Batch: 18946

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 18568

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Sodium	5000	U	5000	590	ug/L		10/11/11 06:00	10/12/11 14:36	1

Lab Sample ID: LCS 240-18568/2-A
Matrix: Water
Analysis Batch: 18946

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 18568

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Sodium	50000	50000		ug/L		100	80 - 120

QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: MB 240-18568/1-A

Matrix: Water

Analysis Batch: 18920

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 18568

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	2.0	U	2.0	0.13	ug/L		10/11/11 06:00	10/12/11 12:57	1
Arsenic	5.0	U	5.0	0.40	ug/L		10/11/11 06:00	10/12/11 12:57	1
Barium	100	U	100	0.19	ug/L		10/11/11 06:00	10/12/11 12:57	1
Beryllium	1.0	U	1.0	0.20	ug/L		10/11/11 06:00	10/12/11 12:57	1
Cadmium	1.0	U	1.0	0.13	ug/L		10/11/11 06:00	10/12/11 12:57	1
Cobalt	20	U	20	0.058	ug/L		10/11/11 06:00	10/12/11 12:57	1
Chromium	10	U	10	0.71	ug/L		10/11/11 06:00	10/12/11 12:57	1
Copper	4.0	U	4.0	0.29	ug/L		10/11/11 06:00	10/12/11 12:57	1
Manganese	50	U	50	0.83	ug/L		10/11/11 06:00	10/12/11 12:57	1
Nickel	20	U	20	0.20	ug/L		10/11/11 06:00	10/12/11 12:57	1
Lead	3.0	U	3.0	0.18	ug/L		10/11/11 06:00	10/12/11 12:57	1
Selenium	5.0	U	5.0	0.57	ug/L		10/11/11 06:00	10/12/11 12:57	1
Thallium	0.211	J	2.0	0.14	ug/L		10/11/11 06:00	10/12/11 12:57	1
Vanadium	4.0	U	4.0	0.44	ug/L		10/11/11 06:00	10/12/11 12:57	1
Zinc	26.1	J	50	2.3	ug/L		10/11/11 06:00	10/12/11 12:57	1
Silver	0.20	U	0.20	0.080	ug/L		10/11/11 06:00	10/12/11 12:57	1

Lab Sample ID: LCS 240-18568/3-A

Matrix: Water

Analysis Batch: 18920

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 18568

Analyte	Spike Added	LCS LCS		Unit	D	% Rec	% Rec. Limits
		Result	Qualifier				
Antimony	100	105		ug/L		105	80 - 120
Arsenic	1000	1040		ug/L		104	80 - 120
Barium	1000	1010		ug/L		101	80 - 120
Beryllium	1000	1040		ug/L		104	80 - 120
Cadmium	1000	1100		ug/L		110	80 - 120
Cobalt	1000	1050		ug/L		105	80 - 120
Chromium	1000	1040		ug/L		104	80 - 120
Copper	1000	1060		ug/L		106	80 - 120
Manganese	1000	1040		ug/L		104	80 - 120
Nickel	1000	1070		ug/L		107	80 - 120
Lead	1000	1040		ug/L		104	80 - 120
Selenium	1000	1050		ug/L		105	80 - 120
Thallium	1000	917		ug/L		92	80 - 120
Vanadium	1000	1020		ug/L		102	80 - 120
Zinc	1000	1160		ug/L		116	80 - 120
Silver	100	109		ug/L		109	80 - 120

Lab Sample ID: 240-4429-1 MS

Matrix: Water

Analysis Batch: 18920

Client Sample ID: GW-17360-092911-EM-040

Prep Type: Total Recoverable

Prep Batch: 18568

Analyte	Sample Sample		Spike Added	MS MS		Unit	D	% Rec	% Rec. Limits
	Result	Qualifier		Result	Qualifier				
Antimony	0.20	J	100	98.7		ug/L		99	44 - 153
Arsenic	0.47	J	1000	979		ug/L		98	82 - 123
Barium	33	J	1000	1000		ug/L		97	45 - 144
Beryllium	1.0	U	1000	978		ug/L		98	77 - 124
Cadmium	0.64	J	1000	978		ug/L		98	78 - 117
Cobalt	1.7	J	1000	968		ug/L		97	67 - 114

QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

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

Lab Sample ID: 240-4429-1 MS
Matrix: Water
Analysis Batch: 18920

Client Sample ID: GW-17360-092911-EM-040
Prep Type: Total Recoverable
Prep Batch: 18568

Analyte	Sample	Sample	Spike	MS		Unit	D	% Rec	% Rec.	
	Result	Qualifier		Result	Qualifier				Limits	RPD
Chromium	94		1000	1070		ug/L		97	72 - 110	
Copper	3.0	J	1000	933		ug/L		93	60 - 123	
Manganese	13	J	1000	998		ug/L		98	10 - 172	
Nickel	49		1000	990		ug/L		94	72 - 111	
Lead	1.1	J	1000	950		ug/L		95	73 - 115	
Selenium	1.3	J	1000	945		ug/L		94	72 - 148	
Thallium	0.73	J B	1000	921		ug/L		92	69 - 117	
Vanadium	4.0	U	1000	974		ug/L		97	70 - 112	
Zinc	62	B	1000	1040		ug/L		97	49 - 156	
Silver	0.20	U	100	95.9		ug/L		96	10 - 139	

Lab Sample ID: 240-4429-1 MSD
Matrix: Water
Analysis Batch: 18920

Client Sample ID: GW-17360-092911-EM-040
Prep Type: Total Recoverable
Prep Batch: 18568

Analyte	Sample	Sample	Spike	MSD		Unit	D	% Rec	% Rec.		RPD	
	Result	Qualifier		Result	Qualifier				Limits	RPD	Limit	
Antimony	0.20	J	100	101		ug/L		101	44 - 153	2	20	
Arsenic	0.47	J	1000	1010		ug/L		101	82 - 123	3	20	
Barium	33	J	1000	1020		ug/L		99	45 - 144	2	20	
Beryllium	1.0	U	1000	1000		ug/L		100	77 - 124	2	20	
Cadmium	0.64	J	1000	990		ug/L		99	78 - 117	1	20	
Cobalt	1.7	J	1000	994		ug/L		99	67 - 114	3	20	
Chromium	94		1000	1090		ug/L		100	72 - 110	2	20	
Copper	3.0	J	1000	960		ug/L		96	60 - 123	3	20	
Manganese	13	J	1000	1020		ug/L		101	10 - 172	3	20	
Nickel	49		1000	1010		ug/L		96	72 - 111	2	20	
Lead	1.1	J	1000	971		ug/L		97	73 - 115	2	20	
Selenium	1.3	J	1000	979		ug/L		98	72 - 148	4	20	
Thallium	0.73	J B	1000	931		ug/L		93	69 - 117	1	20	
Vanadium	4.0	U	1000	1000		ug/L		100	70 - 112	3	20	
Zinc	62	B	1000	1070		ug/L		101	49 - 156	3	20	
Silver	0.20	U	100	97.2		ug/L		97	10 - 139	1	20	

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 240-18484/1-A
Matrix: Water
Analysis Batch: 18813

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 18484

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	0.328	J	40	0.12	ug/L		10/10/11 13:45	10/11/11 18:18	1

Lab Sample ID: LCS 240-18484/2-A
Matrix: Water
Analysis Batch: 18813

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 18484

Analyte	Spike	Added	LCS		Unit	D	% Rec	% Rec.	
			Result	Qualifier				Limits	RPD
Mercury	5.00		5.24	J	ug/L		105	81 - 123	

QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: 240-4429-1 MS
Matrix: Water
Analysis Batch: 18813

Client Sample ID: GW-17360-092911-EM-040
Prep Type: Total/NA
Prep Batch: 18484

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	Limits
Mercury	0.16	J B	1.00	1.19	J	ug/L		103	69 - 134

Lab Sample ID: 240-4429-1 MSD
Matrix: Water
Analysis Batch: 18813

Client Sample ID: GW-17360-092911-EM-040
Prep Type: Total/NA
Prep Batch: 18484

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	Limits	RPD	Limit
Mercury	0.16	J B	1.00	1.11	J	ug/L		95	69 - 134	7	20

Lab Sample ID: MB 240-18485/1-A
Matrix: Water
Analysis Batch: 18813

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 18485

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.186	J	40	0.12	ug/L		10/10/11 13:45	10/11/11 19:13	1

Lab Sample ID: LCS 240-18485/2-A
Matrix: Water
Analysis Batch: 18813

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 18485

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	Limits
Mercury	5.00	4.94	J	ug/L		99	81 - 123

Lab Sample ID: MB 240-18842/1-A
Matrix: Water
Analysis Batch: 18887

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 18842

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	40	U	40	0.12	ug/L		10/12/11 15:25	10/12/11 17:43	1

Lab Sample ID: LCS 240-18842/2-A
Matrix: Water
Analysis Batch: 18887

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 18842

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	Limits
Mercury	5.00	5.43	J	ug/L		109	81 - 123

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: MB 240-19687/5
Matrix: Water
Analysis Batch: 19687

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.0	U	1.0	0.10	mg/L			10/19/11 10:06	1

QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

Method: 9056A - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 240-19687/6
 Matrix: Water
 Analysis Batch: 19687

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Chloride	50.0	49.6		mg/L		99	90 - 110

Lab Sample ID: 240-4429-13 MS
 Matrix: Water
 Analysis Batch: 19687

Client Sample ID: GW-17360-093011-EM-052
 Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Chloride	140		50.0	186		mg/L		83	80 - 120

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Surrogate Summary

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (63-129)	BFB (66-117)	TOL (74-115)	DBFM (75-121)
240-4429-1	GW-17360-092911-EM-040	97	95	107	89
240-4429-1 MS	GW-17360-092911-EM-040	98	108	107	102
240-4429-1 MSD	GW-17360-092911-EM-040	97	111	106	102
240-4429-2	GW-17360-092911-EM-041	98	102	110	95
240-4429-3	GW-17360-092911-EM-042	96	98	105	94
240-4429-4	GW-17360-092911-EM-043	93	100	103	94
240-4429-5	GW-17360-092911-EM-044	98	103	109	96
240-4429-6	GW-17360-092911-EM-045	97	100	109	97
240-4429-7	GW-17360-092911-EM-046	98	100	107	97
240-4429-8	GW-17360-092911-EM-047	98	101	107	94
240-4429-9	GW-17360-092911-EM-048	98	101	106	94
240-4429-10	GW-17360-092911-EM-049	97	98	106	91
240-4429-11	GW-17360-093011-EM-050	98	99	110	94
240-4429-12	GW-17360-093011-EM-051	97	97	109	90
240-4429-13	GW-17360-093011-EM-052	98	99	112	91
240-4429-14	TRIP BLANK-17360-093011-EM-05	97	101	108	92
LCS 240-18383/4	Lab Control Sample	95	106	104	101
MB 240-18383/5	Method Blank	91	99	108	89

Surrogate Legend

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

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

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		FBP (28-110)	2FP (10-110)	TBP (22-120)	NBZ (27-111)	PHL (10-110)	TPH (37-119)
240-4429-13	GW-17360-093011-EM-052	60	56	71	58	61	73
LCS 240-17967/2-A	Lab Control Sample	80	81	78	75	86	92
MB 240-17967/1-A	Method Blank	67	69	66	65	73	83

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)
 2FP = 2-Fluorophenol (Surr)
 TBP = 2,4,6-Tribromophenol (Surr)
 NBZ = Nitrobenzene-d5 (Surr)
 PHL = Phenol-d5 (Surr)
 TPH = Terphenyl-d14 (Surr)

Method: 8270C - TCL Semivolatile Compounds (OLMO4.2)

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		FBP (28-110)	2FP (10-110)	TBP (22-120)	NBZ (27-111)	PHL (10-110)	TPH (37-119)
240-4429-1	GW-17360-092911-EM-040	55	55	66	52	59	81
240-4429-1 MS	GW-17360-092911-EM-040	55	51	63	49	55	70

Surrogate Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

Method: 8270C - TCL Semivolatile Compounds (OLMO4.2) (Continued)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		FBP (28-110)	2FP (10-110)	TBP (22-120)	NBZ (27-111)	PHL (10-110)	TPH (37-119)
240-4429-1 MSD	GW-17360-092911-EM-040	56	55	65	52	58	75
240-4429-3	GW-17360-092911-EM-042	53	50	62	43	49	46
240-4429-4	GW-17360-092911-EM-043	56	52	61	44	52	51
240-4429-5	GW-17360-092911-EM-044	52	55	57	46	55	49
LCS 240-17768/20-A	Lab Control Sample	67	69	71	61	70	82
MB 240-17768/19-A	Method Blank	73	75	60	70	74	90

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
TBP = 2,4,6-Tribromophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPH = Terphenyl-d14 (Surr)

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

Client Sample ID: GW-17360-092911-EM-040

Lab Sample ID: 240-4429-1

Date Collected: 09/29/11 11:55

Matrix: Water

Date Received: 10/01/11 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	18383	10/08/11 01:03	LW	TAL NC
Total/NA	Prep	3520C			17768	10/04/11 08:07	SE	TAL NC
Total/NA	Analysis	8270C		1	18605	10/11/11 11:08	JG	TAL NC
Total/NA	Prep	7470A			18484	10/10/11 13:45	LM	TAL NC
Total/NA	Analysis	7470A		1	18813	10/11/11 18:22	AS	TAL NC
Total Recoverable	Prep	3005A			18568	10/11/11 06:00	AS	TAL NC
Total Recoverable	Analysis	6020		1	18920	10/12/11 13:43	BD	TAL NC

Client Sample ID: GW-17360-092911-EM-041

Lab Sample ID: 240-4429-2

Date Collected: 09/29/11 10:25

Matrix: Water

Date Received: 10/01/11 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	18383	10/08/11 02:10	LW	TAL NC

Client Sample ID: GW-17360-092911-EM-042

Lab Sample ID: 240-4429-3

Date Collected: 09/29/11 11:08

Matrix: Water

Date Received: 10/01/11 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	18383	10/08/11 02:32	LW	TAL NC
Total/NA	Prep	3520C			17768	10/04/11 08:07	SE	TAL NC
Total/NA	Analysis	8270C		2	18480	10/10/11 19:32	JG	TAL NC
Total/NA	Prep	7470A			18842	10/12/11 15:25	AS	TAL NC
Total/NA	Analysis	7470A		1	18887	10/12/11 17:47	AS	TAL NC
Total Recoverable	Prep	3005A			18568	10/11/11 06:00	AS	TAL NC
Total Recoverable	Analysis	6020		1	18920	10/12/11 14:40	BD	TAL NC

Client Sample ID: GW-17360-092911-EM-043

Lab Sample ID: 240-4429-4

Date Collected: 09/29/11 11:15

Matrix: Water

Date Received: 10/01/11 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	18383	10/08/11 02:54	LW	TAL NC
Total/NA	Prep	3520C			17768	10/04/11 08:07	SE	TAL NC
Total/NA	Analysis	8270C		2	18480	10/10/11 19:50	JG	TAL NC
Total/NA	Prep	7470A			18484	10/10/11 13:45	LM	TAL NC
Total/NA	Analysis	7470A		1	18813	10/11/11 18:40	AS	TAL NC
Total Recoverable	Prep	3005A			18568	10/11/11 06:00	AS	TAL NC
Total Recoverable	Analysis	6020		1	18920	10/12/11 14:46	BD	TAL NC

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

Client Sample ID: GW-17360-092911-EM-044

Lab Sample ID: 240-4429-5

Date Collected: 09/29/11 13:05

Matrix: Water

Date Received: 10/01/11 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	18383	10/08/11 03:16	LW	TAL NC
Total/NA	Prep	3520C			17768	10/04/11 08:07	SE	TAL NC
Total/NA	Analysis	8270C		2	18480	10/10/11 19:13	JG	TAL NC
Total/NA	Prep	7470A			18484	10/10/11 13:45	LM	TAL NC
Total/NA	Analysis	7470A		1	18813	10/11/11 18:42	AS	TAL NC
Total Recoverable	Prep	3005A			18568	10/11/11 06:00	AS	TAL NC
Total Recoverable	Analysis	6020		1	18920	10/12/11 14:51	BD	TAL NC

Client Sample ID: GW-17360-092911-EM-045

Lab Sample ID: 240-4429-6

Date Collected: 09/29/11 14:27

Matrix: Water

Date Received: 10/01/11 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	18383	10/08/11 03:39	LW	TAL NC

Client Sample ID: GW-17360-092911-EM-046

Lab Sample ID: 240-4429-7

Date Collected: 09/29/11 15:36

Matrix: Water

Date Received: 10/01/11 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	18383	10/08/11 04:01	LW	TAL NC
Total/NA	Prep	7470A			18484	10/10/11 13:45	LM	TAL NC
Total/NA	Analysis	7470A		1	18813	10/11/11 18:44	AS	TAL NC
Total Recoverable	Prep	3005A			18568	10/11/11 06:00	AS	TAL NC
Total Recoverable	Analysis	6020		1	18920	10/12/11 14:56	BD	TAL NC

Client Sample ID: GW-17360-092911-EM-047

Lab Sample ID: 240-4429-8

Date Collected: 09/29/11 16:40

Matrix: Water

Date Received: 10/01/11 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	18383	10/08/11 04:23	LW	TAL NC

Client Sample ID: GW-17360-092911-EM-048

Lab Sample ID: 240-4429-9

Date Collected: 09/29/11 16:12

Matrix: Water

Date Received: 10/01/11 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	18383	10/08/11 04:45	LW	TAL NC

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

Client Sample ID: GW-17360-092911-EM-049

Lab Sample ID: 240-4429-10

Date Collected: 09/29/11 16:25

Matrix: Water

Date Received: 10/01/11 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	18383	10/08/11 05:07	LW	TAL NC

Client Sample ID: GW-17360-093011-EM-050

Lab Sample ID: 240-4429-11

Date Collected: 09/30/11 09:49

Matrix: Water

Date Received: 10/01/11 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	18383	10/08/11 05:30	LW	TAL NC
Total/NA	Prep	7470A			18485	10/10/11 13:45	LM	TAL NC
Total/NA	Analysis	7470A		1	18813	10/11/11 19:21	AS	TAL NC
Total Recoverable	Prep	3005A			18568	10/11/11 06:00	AS	TAL NC
Total Recoverable	Analysis	6020		1	18920	10/12/11 15:01	BD	TAL NC

Client Sample ID: GW-17360-093011-EM-051

Lab Sample ID: 240-4429-12

Date Collected: 09/30/11 10:53

Matrix: Water

Date Received: 10/01/11 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	18383	10/08/11 05:52	LW	TAL NC

Client Sample ID: GW-17360-093011-EM-052

Lab Sample ID: 240-4429-13

Date Collected: 09/30/11 13:30

Matrix: Water

Date Received: 10/01/11 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	18383	10/08/11 06:14	LW	TAL NC
Total/NA	Prep	3520C			17967	10/05/11 08:19	EM	TAL NC
Total/NA	Analysis	8270C		1	18781	10/12/11 10:45	JG	TAL NC
Total/NA	Prep	7470A			18485	10/10/11 13:45	LM	TAL NC
Total/NA	Analysis	7470A		1	18813	10/11/11 19:23	AS	TAL NC
Total Recoverable	Prep	3005A			18568	10/11/11 06:00	AS	TAL NC
Total Recoverable	Analysis	6020		1	18920	10/12/11 15:07	BD	TAL NC
Total Recoverable	Analysis	6010B		1	18946	10/12/11 16:24	NJM	TAL NC
Total/NA	Analysis	9056A		5	19687	10/19/11 10:41	LG	TAL NC

Client Sample ID: TRIP BLANK-17360-093011-EM-053

Lab Sample ID: 240-4429-14

Date Collected: 09/30/11 00:00

Matrix: Water

Date Received: 10/01/11 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	18383	10/08/11 06:37	LW	TAL NC

Laboratory References:

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

Certification Summary

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER Grand Rapids

TestAmerica Job ID: 240-4429-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica North Canton	ACCLASS	DoD ELAP		ADE-1437
TestAmerica North Canton	California	NELAC	9	01144CA
TestAmerica North Canton	Connecticut	State Program	1	PH-0590
TestAmerica North Canton	Florida	NELAC	4	E87225
TestAmerica North Canton	Georgia	Georgia EPD	4	N/A
TestAmerica North Canton	Illinois	NELAC	5	200004
TestAmerica North Canton	Kansas	NELAC	7	E-10336
TestAmerica North Canton	Kentucky	State Program	4	58
TestAmerica North Canton	Minnesota	NELAC	5	039-999-348
TestAmerica North Canton	Nevada	State Program	9	OH-000482008A
TestAmerica North Canton	New Jersey	NELAC	2	OH001
TestAmerica North Canton	New York	NELAC	2	10975
TestAmerica North Canton	Ohio	OVAP	5	CL0024
TestAmerica North Canton	Pennsylvania	NELAC	3	68-00340
TestAmerica North Canton	USDA	USDA		P330-11-00328
TestAmerica North Canton	Virginia	NELAC Secondary AB	3	460175
TestAmerica North Canton	West Virginia	West Virginia DEP	3	210
TestAmerica North Canton	Wisconsin	State Program	5	999518190

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.





CONESTOGA-ROVERS & ASSOCIATES

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

PAGE 1 OF 1

Required Client Information:

Company: CRA, Inc. Report To: Ral Wiseman
 Address: 14496 Sheldon Rd. Copy To:
 Suite 200 Invoice To:
 Plymouth, MI 48170 P.O.:
 Phone: 734-453-5123 Project Name: GR Metal Plant
 Fax: 734-453-5201 Project Number: 17360-T01
 Email: PWISEMAN@CRAWORLDCOM

Laboratory: Test America
 Laboratory Location: NORTH CANTON
 Laboratory Contact: Denise Heckler TAT: stan
 Requested Due Date:
 QA/QC Requirements:

ID # Nº D 9074
 SOW Ref. Code:

Sample Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Unpreserved	Preservative					Other:	Analysis and Method	Remarks/Lab ID	
						H2SO4	HNO3	NaOH	Tel VOC	Tel SVOC				Site Spectral Meth
GW-17360-092911-EM-040	GW	9-29-11	1155	15	X	X	X	X	X	X	X	X	X	msjmsd
-041	GW		1025	3	X	X	X	X	X	X	X	X	X	
-042	GW		1108	6	X	X	X	X	X	X	X	X	X	
-043	GW		1115	6	X	X	X	X	X	X	X	X	X	
-044	GW		1305	6	X	X	X	X	X	X	X	X	X	
-045	GW		1427	3	X	X	X	X	X	X	X	X	X	
-046	GW		1536	4	X	X	X	X	X	X	X	X	X	
-047	GW		1640	3	X	X	X	X	X	X	X	X	X	
-048	GW		1612	3	X	X	X	X	X	X	X	X	X	
-049	GW		1625	3	X	X	X	X	X	X	X	X	X	
GW-17360-093011-EM-050	GW	9-30-11	0949	4	X	X	X	X	X	X	X	X	X	
-051	GW		1053	3	X	X	X	X	X	X	X	X	X	
-052	GW		1330	8	X	X	X	X	X	X	X	X	X	
TRApblank-17360-093011-EM-053	WQ		-	1	X	X	X	X	X	X	X	X	X	

TOTAL NUMBER OF CONTAINERS

SHIPMENT METHOD NO. OF COOLERS RELINQUISHED BY / AFFILIATION DATE TIME RECEIVED BY / AFFILIATION DATE TIME

fedex 2 Don Valentine / CRA 9-30-11 1600 Don Valentine 10-1-11 930

AIRBILL NO. _____

Sample Condition

Setup in C	Y/N
Received on Ice	Y/N
Sealed Cooler	Y/N
Samples Intact	Y/N

Additional Comments: _____

Sampler Name: Don Valentine Date: 9-30-11

Sampler Signature: [Signature]

TestAmerica Cooler Receipt Form/Narrative
North Canton Facility

Lot Number: _____

Client CRA Project _____ By: [Signature]
 Cooler Received on 10-1-11 Opened on 10-1-11 (Signature)

FedEx UPS DHL FAS Stetson Client Drop Off TestAmerica Courier Other _____

TestAmerica Cooler # _____ Multiple Coolers Foam Box Client Cooler Other _____

1. Were custody seals on the outside of the cooler(s)? Yes No Intact? Yes No NA
 If YES, Quantity _____ Quantity Unsalvageable _____
 Were custody seals on the outside of cooler(s) signed and dated? Yes No NA
 Were custody seals on the bottle(s)? Yes No
 If YES, are there any exceptions? _____ Yes No
 2. Shippers' packing slip attached to the cooler(s)? Yes No
 3. Did custody papers accompany the sample(s)? Yes No Relinquished by client? Yes No
 4. Were the custody papers signed in the appropriate place? Yes No
 5. Packing material used: Bubble Wrap Foam None Other _____
 6. Cooler temperature upon receipt _____ °C See back of form for multiple coolers/temps BACK
 METHOD: IR Other _____
 COOLANT: Wet Ice Blue Ice Dry Ice Water None
 7. Did all bottles arrive in good condition (Unbroken)? Yes No
 8. Could all bottle labels be reconciled with the COC? Yes No
 9. Were sample(s) at the correct pH upon receipt? Yes No NA
 10. Were correct bottle(s) used for the test(s) indicated? Yes No
 11. Were air bubbles >6 mm in any VOA vials? Yes No NA
 12. Sufficient quantity received to perform indicated analyses? Yes No
 13. Was a trip blank present in the cooler(s)? Yes No Were VOAs on the COC? Yes No
- Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other
- Concerning _____

14 CHAIN OF CUSTODY

The following discrepancies occurred:

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 Sample Receiving to meet recommended pH level(s). Nitric Acid Lot# 110410-HNO₃; Sulfuric Acid Lot# 110410-H₂SO₄; Sodium Hydroxide Lot# 121809 -NaOH; Hydrochloric Acid Lot# 041911-HCl; Sodium Hydroxide and Zinc Acetate Lot# 100108-(CH₃COO)₂ZN/NaOH. What time was preservative added to sample(s)?

Client ID	pH	Date	Initials
40	2.2	10-1-11	CSC
42	2.2		
43	2.2		
44	2.2		
46	2.2		
50	2.2		
52	2.2		

Login Sample Receipt Checklist

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 240-4429-1

Login Number: 4429

List Source: TestAmerica North Canton

List Number: 1

Creator: Livengood, Chris

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	4.9 3.0
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

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

TestAmerica Job ID: 240-4200-1

Client Project/Site: 17360-T01-003, RACER GR Metal Plant

For:

Conestoga-Rovers & Associates, Inc.
14496 Sheldon Road, Suite 200
Plymouth, Michigan 48170

Attn: Mr. Paul Wiseman



Authorized for release by:
10/19/2011 12:23:38 PM

Denise Heckler
Project Manager II
denise.heckler@testamericainc.com



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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

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Case Narrative

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Job ID: 240-4200-1

Laboratory: TestAmerica North Canton

Narrative

CASE NARRATIVE

Client: Conestoga-Rovers & Associates, Inc.

Project: 17360-T01-003, RACER GR Metal Plant

Report Number: 240-4200-1

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 North 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 09/24/2011; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 2.9 and 3.7 C.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples GW-17360-092211-EM-001 (240-4200-1), GW-17360-092211-EM-002 (240-4200-2), GW-17360-092211-EM-003 (240-4200-3), GW-17360-092211-EM-004 (240-4200-4), GW-17360-092211-EM-005 (240-4200-5), GW-17360-092211-EM-006 (240-4200-6), GW-17360-092211-EM-007 (240-4200-7), GW-17360-092211-EM-008 (240-4200-8), GW-17360-092211-EM-009 (240-4200-9), GW-17360-092211-EM-010 (240-4200-10), GW-17360-092211-EM-011 (240-4200-11), GW-17360-092211-EM-012 (240-4200-12), GW-17360-092211-EM-013 (240-4200-13), GW-17360-092211-EM-014 (240-4200-14), GW-17360-092211-EM-015 (240-4200-15), GW-17360-092211-EM-016 (240-4200-16), GW-17360-092211-EM-017 (240-4200-17), GW-17360-092211-EM-018 (240-4200-18), GW-17360-092211-EM-019 (240-4200-19), GW-17360-092211-EM-020 (240-4200-20), GW-17360-092211-EM-021 (240-4200-21), GW-17360-092211-EM-022 (240-4200-22), GW-17360-092311-EM-023 (240-4200-23), GW-17360-092311-EM-024 (240-4200-24), GW-17360-092311-EM-025 (240-4200-25), GW-17360-092311-EM-026 (240-4200-26), GW-17360-092311-EM-027 (240-4200-27), GW-17360-092311-EM-028 (240-4200-28), GW-17360-092311-EM-029 (240-4200-29), GW-17360-092311-EM-030 (240-4200-30), GW-17360-092311-EM-031 (240-4200-31), GW-17360-092311-EM-032 (240-4200-32), GW-17360-092311-EM-033 (240-4200-33), GW-17360-092311-EM-034 (240-4200-34), GW-17360-092311-EM-035 (240-4200-35), GW-17360-092311-EM-036 (240-4200-36), GW-17360-092311-EM-037 (240-4200-37), GW-17360-092311-EM-038 (240-4200-38), GW-17360-092311-EM-039 (240-4200-39) and TB-17360-092311-EM (240-4200-40) were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 09/30/2011, 10/01/2011, 10/02/2011 and 10/03/2011.

Case Narrative

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Job ID: 240-4200-1 (Continued)

Laboratory: TestAmerica North Canton (Continued)

Acetone was detected in method blank MB 240-17309/5 at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged. Acetone was detected in method blank MB 240-17485/5 at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged. Acetone was detected in method blank MB 240-17575/5 at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged. Methylene Chloride was detected in method blank MB 240-17575/5 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 "J". If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged. Methylene Chloride was detected in method blank MB 240-17636/5 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 "J". If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged.

Toluene-d8 (Surr) failed the surrogate recovery criteria high for GW-17360-092211-EM-014 (240-4200-14). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Toluene-d8 (Surr) failed the surrogate recovery criteria high for GW-17360-092211-EM-017 (240-4200-17). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Toluene-d8 (Surr) failed the surrogate recovery criteria high for GW-17360-092311-EM-023 (240-4200-23). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Toluene-d8 (Surr) failed the surrogate recovery criteria high for GW-17360-092211-EM-007 (240-4200-7). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

1,1,2,2-Tetrachloroethane and Acetone failed the recovery criteria high for LCS 240-17309/4. 1,1,2,2-Tetrachloroethane and 2-Butanone (MEK) failed the recovery criteria high for LCS 240-17485/4. 1,1,2,2-Tetrachloroethane failed the recovery criteria high for LCS 240-17575/4.

Tetrachloroethene failed the recovery criteria low for the MS/MSD of sample GW-17360-092311-EM-038MS (240-4200-38) in batch 240-17485. 1,1,2,2-Tetrachloroethane failed the recovery criteria high.

Samples GW-17360-092211-EM-020 (240-4200-20)[9.09X] and GW-17360-092311-EM-026 (240-4200-26)[1.67X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the VOCs analyses.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)

Sample GW-17360-092211-EM-022 (240-4200-22) was analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. The samples were prepared on 09/27/2011 and analyzed on 10/05/2011.

Surrogates are added during the extraction process prior to dilution. When the sample is diluted, surrogate recoveries are diluted out and no corrective action is required.

No difficulties were encountered during the SVOC analysis.

All quality control parameters were within the acceptance limits.

TOTAL RECOVERABLE METALS (ICP)

Sample GW-17360-092311-EM-038 (240-4200-38) was analyzed for total recoverable metals (ICP) in accordance with EPA SW-846 Method 6010B. The samples were prepared on 10/06/2011 and analyzed on 10/07/2011.

No difficulties were encountered during the metals analysis.

Case Narrative

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Job ID: 240-4200-1 (Continued)

Laboratory: TestAmerica North Canton (Continued)

All quality control parameters were within the acceptance limits.

TOTAL RECOVERABLE METALS (ICPMS)

Samples GW-17360-092211-EM-004 (240-4200-4), GW-17360-092211-EM-008 (240-4200-8), GW-17360-092211-EM-019 (240-4200-19), GW-17360-092311-EM-028 (240-4200-28), GW-17360-092311-EM-029 (240-4200-29), GW-17360-092311-EM-031 (240-4200-31) and GW-17360-092311-EM-037 (240-4200-37) were analyzed for total recoverable metals (ICPMS) in accordance with EPA SW-846 Method 6020. The samples were prepared on 10/03/2011 and analyzed on 10/04/2011.

Several analytes were detected in method blank MB 240-17654/1-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 "J". If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged.

No other difficulties were encountered during the metals analyses.

All other quality control parameters were within the acceptance limits.

TOTAL MERCURY

Samples GW-17360-092211-EM-004 (240-4200-4), GW-17360-092211-EM-008 (240-4200-8), GW-17360-092211-EM-019 (240-4200-19), GW-17360-092311-EM-028 (240-4200-28), GW-17360-092311-EM-029 (240-4200-29), GW-17360-092311-EM-031 (240-4200-31) and GW-17360-092311-EM-037 (240-4200-37) were analyzed for total mercury in accordance with EPA SW-846 Methods 7470A. The samples were prepared on 10/04/2011 and analyzed on 10/05/2011.

No difficulties were encountered during the mercury analyses.

All quality control parameters were within the acceptance limits.

ANIONS

Sample GW-17360-092311-EM-038 (240-4200-38) was analyzed for anions in accordance with EPA SW-846 Method 9056A. The samples were analyzed on 10/05/2011.

Sample GW-17360-092311-EM-038 (240-4200-38)[5X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No difficulties were encountered during the anions analysis.

All quality control parameters were within the acceptance limits.

Definitions/Glossary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Qualifiers

GC/MS 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.
X	Surrogate is outside control limits
F	MS or MSD exceeds the control limits

GC/MS Semi VOA

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

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.

General Chemistry

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

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
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Sample Summary

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-4200-1	GW-17360-092211-EM-001	Water	09/22/11 08:25	09/24/11 09:30
240-4200-2	GW-17360-092211-EM-002	Water	09/22/11 08:45	09/24/11 09:30
240-4200-3	GW-17360-092211-EM-003	Water	09/22/11 08:50	09/24/11 09:30
240-4200-4	GW-17360-092211-EM-004	Water	09/22/11 09:30	09/24/11 09:30
240-4200-5	GW-17360-092211-EM-005	Water	09/22/11 10:00	09/24/11 09:30
240-4200-6	GW-17360-092211-EM-006	Water	09/22/11 11:30	09/24/11 09:30
240-4200-7	GW-17360-092211-EM-007	Water	09/22/11 11:55	09/24/11 09:30
240-4200-8	GW-17360-092211-EM-008	Water	09/22/11 14:45	09/24/11 09:30
240-4200-9	GW-17360-092211-EM-009	Water	09/22/11 15:15	09/24/11 09:30
240-4200-10	GW-17360-092211-EM-010	Water	09/22/11 16:10	09/24/11 09:30
240-4200-11	GW-17360-092211-EM-011	Water	09/22/11 08:20	09/24/11 09:30
240-4200-12	GW-17360-092211-EM-012	Water	09/22/11 08:45	09/24/11 09:30
240-4200-13	GW-17360-092211-EM-013	Water	09/22/11 09:30	09/24/11 09:30
240-4200-14	GW-17360-092211-EM-014	Water	09/22/11 10:10	09/24/11 09:30
240-4200-15	GW-17360-092211-EM-015	Water	09/22/11 11:20	09/24/11 09:30
240-4200-16	GW-17360-092211-EM-016	Water	09/22/11 11:55	09/24/11 09:30
240-4200-17	GW-17360-092211-EM-017	Water	09/22/11 14:50	09/24/11 09:30
240-4200-18	GW-17360-092211-EM-018	Water	09/22/11 15:55	09/24/11 09:30
240-4200-19	GW-17360-092211-EM-019	Water	09/22/11 16:10	09/24/11 09:30
240-4200-20	GW-17360-092211-EM-020	Water	09/22/11 18:00	09/24/11 09:30
240-4200-21	GW-17360-092211-EM-021	Water	09/22/11 18:45	09/24/11 09:30
240-4200-22	GW-17360-092211-EM-022	Water	09/22/11 19:30	09/24/11 09:30
240-4200-23	GW-17360-092311-EM-023	Water	09/23/11 08:40	09/24/11 09:30
240-4200-24	GW-17360-092311-EM-024	Water	09/23/11 09:05	09/24/11 09:30
240-4200-25	GW-17360-092311-EM-025	Water	09/23/11 09:55	09/24/11 09:30
240-4200-26	GW-17360-092311-EM-026	Water	09/23/11 10:55	09/24/11 09:30
240-4200-27	GW-17360-092311-EM-027	Water	09/23/11 12:30	09/24/11 09:30
240-4200-28	GW-17360-092311-EM-028	Water	09/23/11 13:10	09/24/11 09:30
240-4200-29	GW-17360-092311-EM-029	Water	09/23/11 10:45	09/24/11 09:30
240-4200-30	GW-17360-092311-EM-030	Water	09/23/11 08:45	09/24/11 09:30
240-4200-31	GW-17360-092311-EM-031	Water	09/23/11 09:55	09/24/11 09:30
240-4200-32	GW-17360-092311-EM-032	Water	09/23/11 13:50	09/24/11 09:30
240-4200-33	GW-17360-092311-EM-033	Water	09/23/11 13:55	09/24/11 09:30
240-4200-34	GW-17360-092311-EM-034	Water	09/23/11 11:30	09/24/11 09:30
240-4200-35	GW-17360-092311-EM-035	Water	09/23/11 13:30	09/24/11 09:30
240-4200-36	GW-17360-092311-EM-036	Water	09/23/11 14:05	09/24/11 09:30
240-4200-37	GW-17360-092311-EM-037	Water	09/23/11 15:00	09/24/11 09:30
240-4200-38	GW-17360-092311-EM-038	Water	09/23/11 15:10	09/24/11 09:30
240-4200-39	GW-17360-092311-EM-039	Water	09/23/11 16:00	09/24/11 09:30
240-4200-40	TB-17360-092311-EM	Water	09/23/11 00:00	09/24/11 09:30

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Client Sample ID: GW-17360-092211-EM-001

Lab Sample ID: 240-4200-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	2.2	J * B	10	1.1	ug/L	1		8260B	Total/NA
Chloroform	1.3		1.0	0.16	ug/L	1		8260B	Total/NA
Trichloroethene	1.2		1.0	0.17	ug/L	1		8260B	Total/NA

Client Sample ID: GW-17360-092211-EM-002

Lab Sample ID: 240-4200-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.3	J * B	10	1.1	ug/L	1		8260B	Total/NA
Chloroform	0.29	J	1.0	0.16	ug/L	1		8260B	Total/NA
Trichloroethene	1.3		1.0	0.17	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	0.22	J	1.0	0.17	ug/L	1		8260B	Total/NA

Client Sample ID: GW-17360-092211-EM-003

Lab Sample ID: 240-4200-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.31	J	1.0	0.16	ug/L	1		8260B	Total/NA
Trichloroethene	1.3		1.0	0.17	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	0.25	J	1.0	0.17	ug/L	1		8260B	Total/NA

Client Sample ID: GW-17360-092211-EM-004

Lab Sample ID: 240-4200-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	2.8	J * B	10	1.1	ug/L	1		8260B	Total/NA
Chloroform	0.49	J	1.0	0.16	ug/L	1		8260B	Total/NA
Trichloroethene	4.2		1.0	0.17	ug/L	1		8260B	Total/NA
Barium	29	J B	100	0.19	ug/L	1		6020	Total Recovera
Cadmium	0.37	J	1.0	0.13	ug/L	1		6020	Total Recovera
Cobalt	0.12	J	20	0.058	ug/L	1		6020	Total Recovera
Copper	18	B	4.0	0.29	ug/L	1		6020	Total Recovera
Manganese	12	J	50	0.83	ug/L	1		6020	Total Recovera
Nickel	0.58	J B	20	0.20	ug/L	1		6020	Total Recovera
Lead	6.2		3.0	0.18	ug/L	1		6020	Total Recovera
Thallium	0.51	J B	2.0	0.14	ug/L	1		6020	Total Recovera
Zinc	570	B	50	2.3	ug/L	1		6020	Total Recovera

Client Sample ID: GW-17360-092211-EM-005

Lab Sample ID: 240-4200-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	2.9	J * B	10	1.1	ug/L	1		8260B	Total/NA
Chloroform	0.25	J	1.0	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.37	J	1.0	0.29	ug/L	1		8260B	Total/NA

Client Sample ID: GW-17360-092211-EM-006

Lab Sample ID: 240-4200-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	2.9	J * B	10	1.1	ug/L	1		8260B	Total/NA
Chloroform	0.18	J	1.0	0.16	ug/L	1		8260B	Total/NA

Client Sample ID: GW-17360-092211-EM-007

Lab Sample ID: 240-4200-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	2.7	J * B	10	1.1	ug/L	1		8260B	Total/NA
Trichloroethene	0.45	J	1.0	0.17	ug/L	1		8260B	Total/NA

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Client Sample ID: GW-17360-092211-EM-008

Lab Sample ID: 240-4200-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	2.8	J * B	10	1.1	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	0.50	J	1.0	0.15	ug/L	1		8260B	Total/NA
Trichloroethene	17		1.0	0.17	ug/L	1		8260B	Total/NA
Vinyl chloride	1.9		1.0	0.22	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	5.5		1.0	0.17	ug/L	1		8260B	Total/NA
Methyl tert-butyl ether	0.22	J	5.0	0.17	ug/L	1		8260B	Total/NA
Antimony	0.16	J	2.0	0.13	ug/L	1		6020	Total Recovers
Arsenic	0.67	J	5.0	0.40	ug/L	1		6020	Total Recovers
Barium	98	J B	100	0.19	ug/L	1		6020	Total Recovers
Cadmium	2.7		1.0	0.13	ug/L	1		6020	Total Recovers
Cobalt	0.65	J	20	0.058	ug/L	1		6020	Total Recovers
Copper	6.4	B	4.0	0.29	ug/L	1		6020	Total Recovers
Manganese	94		50	0.83	ug/L	1		6020	Total Recovers
Nickel	3.1	J B	20	0.20	ug/L	1		6020	Total Recovers
Lead	4.4		3.0	0.18	ug/L	1		6020	Total Recovers
Thallium	0.34	J B	2.0	0.14	ug/L	1		6020	Total Recovers
Zinc	2500	B	50	2.3	ug/L	1		6020	Total Recovers

Client Sample ID: GW-17360-092211-EM-009

Lab Sample ID: 240-4200-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	2.5	J * B	10	1.1	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	0.18	J	1.0	0.15	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.48	J	1.0	0.29	ug/L	1		8260B	Total/NA
Trichloroethene	4.9		1.0	0.17	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	0.59	J	1.0	0.17	ug/L	1		8260B	Total/NA
Methyl tert-butyl ether	0.75	J	5.0	0.17	ug/L	1		8260B	Total/NA

Client Sample ID: GW-17360-092211-EM-010

Lab Sample ID: 240-4200-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	2.9	J * B	10	1.1	ug/L	1		8260B	Total/NA
Bromodichloromethane	1.0		1.0	0.15	ug/L	1		8260B	Total/NA
Chloroform	8.5		1.0	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.42	J	1.0	0.29	ug/L	1		8260B	Total/NA
Trichloroethene	0.28	J	1.0	0.17	ug/L	1		8260B	Total/NA
Methyl tert-butyl ether	0.24	J	5.0	0.17	ug/L	1		8260B	Total/NA

Client Sample ID: GW-17360-092211-EM-011

Lab Sample ID: 240-4200-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	2.3	J * B	10	1.1	ug/L	1		8260B	Total/NA
Chloroform	1.1		1.0	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.41	J	1.0	0.29	ug/L	1		8260B	Total/NA
Trichloroethene	1.0		1.0	0.17	ug/L	1		8260B	Total/NA

Client Sample ID: GW-17360-092211-EM-012

Lab Sample ID: 240-4200-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.3	J * B	10	1.1	ug/L	1		8260B	Total/NA
Trichloroethene	0.28	J	1.0	0.17	ug/L	1		8260B	Total/NA

Client Sample ID: GW-17360-092211-EM-013

Lab Sample ID: 240-4200-13

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Client Sample ID: GW-17360-092211-EM-013 (Continued)

Lab Sample ID: 240-4200-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.4	J B	10	1.1	ug/L	1		8260B	Total/NA
Chloroform	0.24	J	1.0	0.16	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	0.26	J	1.0	0.15	ug/L	1		8260B	Total/NA
Trichloroethene	2.8		1.0	0.17	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	1.6		1.0	0.17	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	0.33	J	1.0	0.19	ug/L	1		8260B	Total/NA

Client Sample ID: GW-17360-092211-EM-014

Lab Sample ID: 240-4200-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	5.3	J * B	10	1.1	ug/L	1		8260B	Total/NA
2-Butanone (MEK)	1.4	J	10	0.57	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.46	J	1.0	0.29	ug/L	1		8260B	Total/NA
Trichloroethene	0.28	J	1.0	0.17	ug/L	1		8260B	Total/NA
Methyl tert-butyl ether	0.35	J	5.0	0.17	ug/L	1		8260B	Total/NA

Client Sample ID: GW-17360-092211-EM-015

Lab Sample ID: 240-4200-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	2.2	J * B	10	1.1	ug/L	1		8260B	Total/NA
Chloroform	1.0		1.0	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.30	J	1.0	0.29	ug/L	1		8260B	Total/NA
Trichloroethene	0.17	J	1.0	0.17	ug/L	1		8260B	Total/NA
Methyl tert-butyl ether	0.35	J	5.0	0.17	ug/L	1		8260B	Total/NA

Client Sample ID: GW-17360-092211-EM-016

Lab Sample ID: 240-4200-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.3	J * B	10	1.1	ug/L	1		8260B	Total/NA
Bromodichloromethane	0.35	J	1.0	0.15	ug/L	1		8260B	Total/NA
Chloroform	12		1.0	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.57	J	1.0	0.29	ug/L	1		8260B	Total/NA
Trichloroethene	0.56	J	1.0	0.17	ug/L	1		8260B	Total/NA
Methyl tert-butyl ether	0.26	J	5.0	0.17	ug/L	1		8260B	Total/NA

Client Sample ID: GW-17360-092211-EM-017

Lab Sample ID: 240-4200-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	2.6	J * B	10	1.1	ug/L	1		8260B	Total/NA
Chloroform	0.86	J	1.0	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.82	J	1.0	0.29	ug/L	1		8260B	Total/NA
Trichloroethene	0.36	J	1.0	0.17	ug/L	1		8260B	Total/NA

Client Sample ID: GW-17360-092211-EM-018

Lab Sample ID: 240-4200-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	2.0	J * B	10	1.1	ug/L	1		8260B	Total/NA
Benzene	0.16	J	1.0	0.13	ug/L	1		8260B	Total/NA
Carbon disulfide	0.20	J	5.0	0.13	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	0.35	J	1.0	0.15	ug/L	1		8260B	Total/NA
Trichloroethene	0.81	J	1.0	0.17	ug/L	1		8260B	Total/NA
Vinyl chloride	2.1		1.0	0.22	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	3.3		1.0	0.17	ug/L	1		8260B	Total/NA

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Client Sample ID: GW-17360-092211-EM-019

Lab Sample ID: 240-4200-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	2.2	J * B	10	1.1	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	0.96	J	1.0	0.15	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	0.64	J	1.0	0.19	ug/L	1		8260B	Total/NA
Trichloroethene	13		1.0	0.17	ug/L	1		8260B	Total/NA
Vinyl chloride	2.1		1.0	0.22	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	25		1.0	0.17	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	6.0		1.0	0.19	ug/L	1		8260B	Total/NA
Barium	130	B	100	0.19	ug/L	1		6020	Total Recovers
Cadmium	0.27	J	1.0	0.13	ug/L	1		6020	Total Recovers
Cobalt	0.57	J	20	0.058	ug/L	1		6020	Total Recovers
Copper	0.62	J B	4.0	0.29	ug/L	1		6020	Total Recovers
Manganese	260		50	0.83	ug/L	1		6020	Total Recovers
Nickel	1.6	J B	20	0.20	ug/L	1		6020	Total Recovers
Lead	0.53	J	3.0	0.18	ug/L	1		6020	Total Recovers
Thallium	0.28	J B	2.0	0.14	ug/L	1		6020	Total Recovers
Zinc	630	B	50	2.3	ug/L	1		6020	Total Recovers

Client Sample ID: GW-17360-092211-EM-020

Lab Sample ID: 240-4200-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	25	J B	91	10	ug/L	9.09		8260B	Total/NA
Tetrachloroethene	180		9.1	2.6	ug/L	9.09		8260B	Total/NA
Trichloroethene	2.3	J	9.1	1.5	ug/L	9.09		8260B	Total/NA

Client Sample ID: GW-17360-092211-EM-021

Lab Sample ID: 240-4200-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	2.6	J B	10	1.1	ug/L	1		8260B	Total/NA
Bromodichloromethane	0.33	J	1.0	0.15	ug/L	1		8260B	Total/NA
Chloroform	1.5		1.0	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	5.0		1.0	0.29	ug/L	1		8260B	Total/NA

Client Sample ID: GW-17360-092211-EM-022

Lab Sample ID: 240-4200-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	2.3	J B	10	1.1	ug/L	1		8260B	Total/NA
Tetrachloroethene	1.3		1.0	0.29	ug/L	1		8260B	Total/NA
Methyl tert-butyl ether	0.32	J	5.0	0.17	ug/L	1		8260B	Total/NA

Client Sample ID: GW-17360-092311-EM-023

Lab Sample ID: 240-4200-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.1	J B	10	1.1	ug/L	1		8260B	Total/NA

Client Sample ID: GW-17360-092311-EM-024

Lab Sample ID: 240-4200-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.26	J	1.0	0.16	ug/L	1		8260B	Total/NA

Client Sample ID: GW-17360-092311-EM-025

Lab Sample ID: 240-4200-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	2.3	J B	10	1.1	ug/L	1		8260B	Total/NA

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Client Sample ID: GW-17360-092311-EM-026

Lab Sample ID: 240-4200-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.7	J B	17	1.8	ug/L	1.67		8260B	Total/NA
Tetrachloroethene	19		1.7	0.48	ug/L	1.67		8260B	Total/NA
Trichloroethene	3.2		1.7	0.28	ug/L	1.67		8260B	Total/NA
cis-1,2-Dichloroethene	31		1.7	0.28	ug/L	1.67		8260B	Total/NA
trans-1,2-Dichloroethene	0.62	J	1.7	0.32	ug/L	1.67		8260B	Total/NA

Client Sample ID: GW-17360-092311-EM-027

Lab Sample ID: 240-4200-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	2.0	J B	10	1.1	ug/L	1		8260B	Total/NA
Chloroform	0.27	J	1.0	0.16	ug/L	1		8260B	Total/NA
Trichloroethene	1.2		1.0	0.17	ug/L	1		8260B	Total/NA
1,1,1-Trichloroethane	4.5		1.0	0.22	ug/L	1		8260B	Total/NA

Client Sample ID: GW-17360-092311-EM-028

Lab Sample ID: 240-4200-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	2.8	J B	10	1.1	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	1.3		1.0	0.15	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	0.28	J	1.0	0.19	ug/L	1		8260B	Total/NA
Toluene	0.19	J	1.0	0.13	ug/L	1		8260B	Total/NA
Trichloroethene	1.0		1.0	0.17	ug/L	1		8260B	Total/NA
1,1,1-Trichloroethane	5.5		1.0	0.22	ug/L	1		8260B	Total/NA
Antimony	0.25	J	2.0	0.13	ug/L	1		6020	Total Recovera
Arsenic	0.69	J	5.0	0.40	ug/L	1		6020	Total Recovera
Barium	120	B	100	0.19	ug/L	1		6020	Total Recovera
Cadmium	0.15	J	1.0	0.13	ug/L	1		6020	Total Recovera
Cobalt	0.48	J	20	0.058	ug/L	1		6020	Total Recovera
Chromium	1.5	J	10	0.71	ug/L	1		6020	Total Recovera
Copper	13	B	4.0	0.29	ug/L	1		6020	Total Recovera
Manganese	41	J	50	0.83	ug/L	1		6020	Total Recovera
Nickel	1.9	J B	20	0.20	ug/L	1		6020	Total Recovera
Lead	2.5	J	3.0	0.18	ug/L	1		6020	Total Recovera
Selenium	0.98	J	5.0	0.57	ug/L	1		6020	Total Recovera
Thallium	0.23	J B	2.0	0.14	ug/L	1		6020	Total Recovera
Vanadium	4.0		4.0	0.44	ug/L	1		6020	Total Recovera
Zinc	69	B	50	2.3	ug/L	1		6020	Total Recovera

Client Sample ID: GW-17360-092311-EM-029

Lab Sample ID: 240-4200-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.49	J	1.0	0.15	ug/L	1		8260B	Total/NA
Trichloroethene	1.7		1.0	0.17	ug/L	1		8260B	Total/NA
Vinyl chloride	0.23	J	1.0	0.22	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	0.39	J	1.0	0.17	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	1.1		1.0	0.19	ug/L	1		8260B	Total/NA
Antimony	0.42	J	2.0	0.13	ug/L	1		6020	Total Recovera
Barium	71	J B	100	0.19	ug/L	1		6020	Total Recovera
Cadmium	0.17	J	1.0	0.13	ug/L	1		6020	Total Recovera
Cobalt	0.092	J	20	0.058	ug/L	1		6020	Total Recovera
Copper	1.2	J B	4.0	0.29	ug/L	1		6020	Total Recovera
Manganese	8.7	J	50	0.83	ug/L	1		6020	Total Recovera
Nickel	1.3	J B	20	0.20	ug/L	1		6020	Total Recovera
Lead	22		3.0	0.18	ug/L	1		6020	Total Recovera

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Client Sample ID: GW-17360-092311-EM-029 (Continued)

Lab Sample ID: 240-4200-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Thallium	0.21	J B	2.0	0.14	ug/L	1		6020	Total Recovera
Zinc	3300	B	50	2.3	ug/L	1		6020	Total Recovera

Client Sample ID: GW-17360-092311-EM-030

Lab Sample ID: 240-4200-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	2.4	J B	10	1.1	ug/L	1		8260B	Total/NA
Chloroform	0.22	J	1.0	0.16	ug/L	1		8260B	Total/NA
Trichloroethene	3.4		1.0	0.17	ug/L	1		8260B	Total/NA

Client Sample ID: GW-17360-092311-EM-031

Lab Sample ID: 240-4200-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	1.2		1.0	0.16	ug/L	1		8260B	Total/NA
Trichloroethene	3.8		1.0	0.17	ug/L	1		8260B	Total/NA
Barium	53	J B	100	0.19	ug/L	1		6020	Total Recovera
Chromium	1.5	J	10	0.71	ug/L	1		6020	Total Recovera
Copper	1.7	J B	4.0	0.29	ug/L	1		6020	Total Recovera
Manganese	5.8	J	50	0.83	ug/L	1		6020	Total Recovera
Nickel	0.53	J B	20	0.20	ug/L	1		6020	Total Recovera
Lead	0.33	J	3.0	0.18	ug/L	1		6020	Total Recovera
Selenium	0.63	J	5.0	0.57	ug/L	1		6020	Total Recovera
Thallium	0.14	J B	2.0	0.14	ug/L	1		6020	Total Recovera
Zinc	250	B	50	2.3	ug/L	1		6020	Total Recovera

Client Sample ID: GW-17360-092311-EM-032

Lab Sample ID: 240-4200-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.0	J B	10	1.1	ug/L	1		8260B	Total/NA
Trichloroethene	1.9		1.0	0.17	ug/L	1		8260B	Total/NA
1,1,1-Trichloroethane	1.6		1.0	0.22	ug/L	1		8260B	Total/NA

Client Sample ID: GW-17360-092311-EM-033

Lab Sample ID: 240-4200-33

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	2.4	J B	10	1.1	ug/L	1		8260B	Total/NA
Trichloroethene	1.8		1.0	0.17	ug/L	1		8260B	Total/NA
1,1,1-Trichloroethane	1.6		1.0	0.22	ug/L	1		8260B	Total/NA

Client Sample ID: GW-17360-092311-EM-034

Lab Sample ID: 240-4200-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	2.2	J B	10	1.1	ug/L	1		8260B	Total/NA
Chloroform	1.1		1.0	0.16	ug/L	1		8260B	Total/NA
Trichloroethene	2.3		1.0	0.17	ug/L	1		8260B	Total/NA

Client Sample ID: GW-17360-092311-EM-035

Lab Sample ID: 240-4200-35

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	6.2	J B	10	1.1	ug/L	1		8260B	Total/NA
Toluene	0.70	J	1.0	0.13	ug/L	1		8260B	Total/NA

Client Sample ID: GW-17360-092311-EM-036

Lab Sample ID: 240-4200-36

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Client Sample ID: GW-17360-092311-EM-036 (Continued)

Lab Sample ID: 240-4200-36

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.64	J	1.0	0.29	ug/L	1		8260B	Total/NA
Methyl tert-butyl ether	0.27	J	5.0	0.17	ug/L	1		8260B	Total/NA

Client Sample ID: GW-17360-092311-EM-037

Lab Sample ID: 240-4200-37

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	2.6	J B	10	1.1	ug/L	1		8260B	Total/NA
Vinyl chloride	0.88	J	1.0	0.22	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	1.6		1.0	0.17	ug/L	1		8260B	Total/NA
Arsenic	8.2		5.0	0.40	ug/L	1		6020	Total Recovers
Barium	70	J B	100	0.19	ug/L	1		6020	Total Recovers
Cobalt	1.1	J	20	0.058	ug/L	1		6020	Total Recovers
Copper	0.37	J B	4.0	0.29	ug/L	1		6020	Total Recovers
Manganese	520		50	0.83	ug/L	1		6020	Total Recovers
Nickel	1.5	J B	20	0.20	ug/L	1		6020	Total Recovers
Lead	0.31	J	3.0	0.18	ug/L	1		6020	Total Recovers
Zinc	150	B	50	2.3	ug/L	1		6020	Total Recovers

Client Sample ID: GW-17360-092311-EM-038

Lab Sample ID: 240-4200-38

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.0	J B	10	1.1	ug/L	1		8260B	Total/NA
Chloroform	0.50	J	1.0	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	27		1.0	0.29	ug/L	1		8260B	Total/NA
Trichloroethene	1.7		1.0	0.17	ug/L	1		8260B	Total/NA
Sodium	120000		5000	590	ug/L	1		6010B	Total Recovers
Chloride	200		5.0	0.50	mg/L	5		9056A	Total/NA

Client Sample ID: GW-17360-092311-EM-039

Lab Sample ID: 240-4200-39

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	2.2	J B	10	1.1	ug/L	1		8260B	Total/NA
Chloroform	0.31	J	1.0	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	28		1.0	0.29	ug/L	1		8260B	Total/NA
Trichloroethene	1.2		1.0	0.17	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	0.22	J	1.0	0.17	ug/L	1		8260B	Total/NA

Client Sample ID: TB-17360-092311-EM

Lab Sample ID: 240-4200-40

No Detections

Method Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL NC
8270C	TCL Semivolatile Compounds (OLMO4.2)	SW846	TAL NC
6010B	Metals (ICP)	SW846	TAL NC
6020	Metals (ICP/MS)	SW846	TAL NC
7470A	Mercury (CVAA)	SW846	TAL NC
9056A	Anions, Ion Chromatography	SW846	TAL NC

Protocol References:

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

Laboratory References:

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



Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: GW-17360-092211-EM-001

Lab Sample ID: 240-4200-1

Date Collected: 09/22/11 08:25

Matrix: Water

Date Received: 09/24/11 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	2.2	J * B	10	1.1	ug/L			09/30/11 00:54	1
Benzene	1.0	U	1.0	0.13	ug/L			09/30/11 00:54	1
Bromodichloromethane	1.0	U	1.0	0.15	ug/L			09/30/11 00:54	1
Bromoform	1.0	U	1.0	0.64	ug/L			09/30/11 00:54	1
Bromomethane	1.0	U	1.0	0.41	ug/L			09/30/11 00:54	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			09/30/11 00:54	1
Carbon disulfide	5.0	U	5.0	0.13	ug/L			09/30/11 00:54	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			09/30/11 00:54	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			09/30/11 00:54	1
Chloroethane	1.0	U	1.0	0.29	ug/L			09/30/11 00:54	1
Chloroform	1.3		1.0	0.16	ug/L			09/30/11 00:54	1
Chloromethane	1.0	U	1.0	0.30	ug/L			09/30/11 00:54	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			09/30/11 00:54	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			09/30/11 00:54	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/30/11 00:54	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			09/30/11 00:54	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			09/30/11 00:54	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			09/30/11 00:54	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			09/30/11 00:54	1
2-Hexanone	10	U	10	0.41	ug/L			09/30/11 00:54	1
Methylene Chloride	5.0	U	5.0	0.33	ug/L			09/30/11 00:54	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			09/30/11 00:54	1
Styrene	1.0	U	1.0	0.11	ug/L			09/30/11 00:54	1
1,1,2,2-Tetrachloroethane	1.0	U *	1.0	0.18	ug/L			09/30/11 00:54	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			09/30/11 00:54	1
Toluene	1.0	U	1.0	0.13	ug/L			09/30/11 00:54	1
Trichloroethene	1.2		1.0	0.17	ug/L			09/30/11 00:54	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			09/30/11 00:54	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			09/30/11 00:54	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/30/11 00:54	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			09/30/11 00:54	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			09/30/11 00:54	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.67	ug/L			09/30/11 00:54	1
1,2-Dibromoethane	1.0	U	1.0	0.24	ug/L			09/30/11 00:54	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			09/30/11 00:54	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			09/30/11 00:54	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/30/11 00:54	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			09/30/11 00:54	1
Methyl acetate	10	U	10	0.38	ug/L			09/30/11 00:54	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			09/30/11 00:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			09/30/11 00:54	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			09/30/11 00:54	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/30/11 00:54	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			09/30/11 00:54	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/30/11 00:54	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			09/30/11 00:54	1
Dibromochloromethane	1.0	U	1.0	0.18	ug/L			09/30/11 00:54	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			09/30/11 00:54	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

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

<i>Surrogate</i>	<i>% Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	100		63 - 129		09/30/11 00:54	1
4-Bromofluorobenzene (Surr)	97		66 - 117		09/30/11 00:54	1
Toluene-d8 (Surr)	112		74 - 115		09/30/11 00:54	1
Dibromofluoromethane (Surr)	89		75 - 121		09/30/11 00:54	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: GW-17360-092211-EM-002

Date Collected: 09/22/11 08:45

Date Received: 09/24/11 09:30

Lab Sample ID: 240-4200-2

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.3	J * B	10	1.1	ug/L			09/30/11 01:17	1
Benzene	1.0	U	1.0	0.13	ug/L			09/30/11 01:17	1
Bromodichloromethane	1.0	U	1.0	0.15	ug/L			09/30/11 01:17	1
Bromoform	1.0	U	1.0	0.64	ug/L			09/30/11 01:17	1
Bromomethane	1.0	U	1.0	0.41	ug/L			09/30/11 01:17	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			09/30/11 01:17	1
Carbon disulfide	5.0	U	5.0	0.13	ug/L			09/30/11 01:17	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			09/30/11 01:17	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			09/30/11 01:17	1
Chloroethane	1.0	U	1.0	0.29	ug/L			09/30/11 01:17	1
Chloroform	0.29	J	1.0	0.16	ug/L			09/30/11 01:17	1
Chloromethane	1.0	U	1.0	0.30	ug/L			09/30/11 01:17	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			09/30/11 01:17	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			09/30/11 01:17	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/30/11 01:17	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			09/30/11 01:17	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			09/30/11 01:17	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			09/30/11 01:17	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			09/30/11 01:17	1
2-Hexanone	10	U	10	0.41	ug/L			09/30/11 01:17	1
Methylene Chloride	5.0	U	5.0	0.33	ug/L			09/30/11 01:17	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			09/30/11 01:17	1
Styrene	1.0	U	1.0	0.11	ug/L			09/30/11 01:17	1
1,1,1,2-Tetrachloroethane	1.0	U *	1.0	0.18	ug/L			09/30/11 01:17	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			09/30/11 01:17	1
Toluene	1.0	U	1.0	0.13	ug/L			09/30/11 01:17	1
Trichloroethene	1.3		1.0	0.17	ug/L			09/30/11 01:17	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			09/30/11 01:17	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			09/30/11 01:17	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/30/11 01:17	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			09/30/11 01:17	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			09/30/11 01:17	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.67	ug/L			09/30/11 01:17	1
1,2-Dibromoethane	1.0	U	1.0	0.24	ug/L			09/30/11 01:17	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			09/30/11 01:17	1
cis-1,2-Dichloroethene	0.22	J	1.0	0.17	ug/L			09/30/11 01:17	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/30/11 01:17	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			09/30/11 01:17	1
Methyl acetate	10	U	10	0.38	ug/L			09/30/11 01:17	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			09/30/11 01:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			09/30/11 01:17	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			09/30/11 01:17	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/30/11 01:17	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			09/30/11 01:17	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/30/11 01:17	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			09/30/11 01:17	1
Dibromochloromethane	1.0	U	1.0	0.18	ug/L			09/30/11 01:17	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			09/30/11 01:17	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

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

<i>Surrogate</i>	<i>% Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	99		63 - 129		09/30/11 01:17	1
4-Bromofluorobenzene (Surr)	96		66 - 117		09/30/11 01:17	1
Toluene-d8 (Surr)	111		74 - 115		09/30/11 01:17	1
Dibromofluoromethane (Surr)	88		75 - 121		09/30/11 01:17	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: GW-17360-092211-EM-003

Date Collected: 09/22/11 08:50

Date Received: 09/24/11 09:30

Lab Sample ID: 240-4200-3

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U*	10	1.1	ug/L			09/30/11 01:39	1
Benzene	1.0	U	1.0	0.13	ug/L			09/30/11 01:39	1
Bromodichloromethane	1.0	U	1.0	0.15	ug/L			09/30/11 01:39	1
Bromoform	1.0	U	1.0	0.64	ug/L			09/30/11 01:39	1
Bromomethane	1.0	U	1.0	0.41	ug/L			09/30/11 01:39	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			09/30/11 01:39	1
Carbon disulfide	5.0	U	5.0	0.13	ug/L			09/30/11 01:39	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			09/30/11 01:39	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			09/30/11 01:39	1
Chloroethane	1.0	U	1.0	0.29	ug/L			09/30/11 01:39	1
Chloroform	0.31	J	1.0	0.16	ug/L			09/30/11 01:39	1
Chloromethane	1.0	U	1.0	0.30	ug/L			09/30/11 01:39	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			09/30/11 01:39	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			09/30/11 01:39	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/30/11 01:39	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			09/30/11 01:39	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			09/30/11 01:39	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			09/30/11 01:39	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			09/30/11 01:39	1
2-Hexanone	10	U	10	0.41	ug/L			09/30/11 01:39	1
Methylene Chloride	5.0	U	5.0	0.33	ug/L			09/30/11 01:39	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			09/30/11 01:39	1
Styrene	1.0	U	1.0	0.11	ug/L			09/30/11 01:39	1
1,1,1,2-Tetrachloroethane	1.0	U*	1.0	0.18	ug/L			09/30/11 01:39	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			09/30/11 01:39	1
Toluene	1.0	U	1.0	0.13	ug/L			09/30/11 01:39	1
Trichloroethene	1.3		1.0	0.17	ug/L			09/30/11 01:39	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			09/30/11 01:39	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			09/30/11 01:39	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/30/11 01:39	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			09/30/11 01:39	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			09/30/11 01:39	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.67	ug/L			09/30/11 01:39	1
1,2-Dibromoethane	1.0	U	1.0	0.24	ug/L			09/30/11 01:39	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			09/30/11 01:39	1
cis-1,2-Dichloroethene	0.25	J	1.0	0.17	ug/L			09/30/11 01:39	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/30/11 01:39	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			09/30/11 01:39	1
Methyl acetate	10	U	10	0.38	ug/L			09/30/11 01:39	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			09/30/11 01:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			09/30/11 01:39	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			09/30/11 01:39	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/30/11 01:39	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			09/30/11 01:39	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/30/11 01:39	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			09/30/11 01:39	1
Dibromochloromethane	1.0	U	1.0	0.18	ug/L			09/30/11 01:39	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			09/30/11 01:39	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

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

<i>Surrogate</i>	<i>% Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	101		63 - 129		09/30/11 01:39	1
4-Bromofluorobenzene (Surr)	97		66 - 117		09/30/11 01:39	1
Toluene-d8 (Surr)	112		74 - 115		09/30/11 01:39	1
Dibromofluoromethane (Surr)	88		75 - 121		09/30/11 01:39	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: GW-17360-092211-EM-004

Date Collected: 09/22/11 09:30

Date Received: 09/24/11 09:30

Lab Sample ID: 240-4200-4

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	2.8	J * B	10	1.1	ug/L			09/30/11 02:01	1
Benzene	1.0	U	1.0	0.13	ug/L			09/30/11 02:01	1
Bromodichloromethane	1.0	U	1.0	0.15	ug/L			09/30/11 02:01	1
Bromoform	1.0	U	1.0	0.64	ug/L			09/30/11 02:01	1
Bromomethane	1.0	U	1.0	0.41	ug/L			09/30/11 02:01	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			09/30/11 02:01	1
Carbon disulfide	5.0	U	5.0	0.13	ug/L			09/30/11 02:01	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			09/30/11 02:01	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			09/30/11 02:01	1
Chloroethane	1.0	U	1.0	0.29	ug/L			09/30/11 02:01	1
Chloroform	0.49	J	1.0	0.16	ug/L			09/30/11 02:01	1
Chloromethane	1.0	U	1.0	0.30	ug/L			09/30/11 02:01	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			09/30/11 02:01	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			09/30/11 02:01	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/30/11 02:01	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			09/30/11 02:01	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			09/30/11 02:01	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			09/30/11 02:01	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			09/30/11 02:01	1
2-Hexanone	10	U	10	0.41	ug/L			09/30/11 02:01	1
Methylene Chloride	5.0	U	5.0	0.33	ug/L			09/30/11 02:01	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			09/30/11 02:01	1
Styrene	1.0	U	1.0	0.11	ug/L			09/30/11 02:01	1
1,1,1,2-Tetrachloroethane	1.0	U *	1.0	0.18	ug/L			09/30/11 02:01	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			09/30/11 02:01	1
Toluene	1.0	U	1.0	0.13	ug/L			09/30/11 02:01	1
Trichloroethene	4.2		1.0	0.17	ug/L			09/30/11 02:01	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			09/30/11 02:01	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			09/30/11 02:01	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/30/11 02:01	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			09/30/11 02:01	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			09/30/11 02:01	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.67	ug/L			09/30/11 02:01	1
1,2-Dibromoethane	1.0	U	1.0	0.24	ug/L			09/30/11 02:01	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			09/30/11 02:01	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			09/30/11 02:01	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/30/11 02:01	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			09/30/11 02:01	1
Methyl acetate	10	U	10	0.38	ug/L			09/30/11 02:01	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			09/30/11 02:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			09/30/11 02:01	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			09/30/11 02:01	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/30/11 02:01	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			09/30/11 02:01	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/30/11 02:01	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			09/30/11 02:01	1
Dibromochloromethane	1.0	U	1.0	0.18	ug/L			09/30/11 02:01	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			09/30/11 02:01	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

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

<i>Surrogate</i>	<i>% Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	101		63 - 129		09/30/11 02:01	1
4-Bromofluorobenzene (Surr)	94		66 - 117		09/30/11 02:01	1
Toluene-d8 (Surr)	113		74 - 115		09/30/11 02:01	1
Dibromofluoromethane (Surr)	89		75 - 121		09/30/11 02:01	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: GW-17360-092211-EM-005

Date Collected: 09/22/11 10:00

Date Received: 09/24/11 09:30

Lab Sample ID: 240-4200-5

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	2.9	J * B	10	1.1	ug/L			09/30/11 02:23	1
Benzene	1.0	U	1.0	0.13	ug/L			09/30/11 02:23	1
Bromodichloromethane	1.0	U	1.0	0.15	ug/L			09/30/11 02:23	1
Bromoform	1.0	U	1.0	0.64	ug/L			09/30/11 02:23	1
Bromomethane	1.0	U	1.0	0.41	ug/L			09/30/11 02:23	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			09/30/11 02:23	1
Carbon disulfide	5.0	U	5.0	0.13	ug/L			09/30/11 02:23	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			09/30/11 02:23	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			09/30/11 02:23	1
Chloroethane	1.0	U	1.0	0.29	ug/L			09/30/11 02:23	1
Chloroform	0.25	J	1.0	0.16	ug/L			09/30/11 02:23	1
Chloromethane	1.0	U	1.0	0.30	ug/L			09/30/11 02:23	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			09/30/11 02:23	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			09/30/11 02:23	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/30/11 02:23	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			09/30/11 02:23	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			09/30/11 02:23	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			09/30/11 02:23	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			09/30/11 02:23	1
2-Hexanone	10	U	10	0.41	ug/L			09/30/11 02:23	1
Methylene Chloride	5.0	U	5.0	0.33	ug/L			09/30/11 02:23	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			09/30/11 02:23	1
Styrene	1.0	U	1.0	0.11	ug/L			09/30/11 02:23	1
1,1,1,2-Tetrachloroethane	1.0	U *	1.0	0.18	ug/L			09/30/11 02:23	1
Tetrachloroethene	0.37	J	1.0	0.29	ug/L			09/30/11 02:23	1
Toluene	1.0	U	1.0	0.13	ug/L			09/30/11 02:23	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			09/30/11 02:23	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			09/30/11 02:23	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			09/30/11 02:23	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/30/11 02:23	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			09/30/11 02:23	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			09/30/11 02:23	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.67	ug/L			09/30/11 02:23	1
1,2-Dibromoethane	1.0	U	1.0	0.24	ug/L			09/30/11 02:23	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			09/30/11 02:23	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			09/30/11 02:23	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/30/11 02:23	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			09/30/11 02:23	1
Methyl acetate	10	U	10	0.38	ug/L			09/30/11 02:23	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			09/30/11 02:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			09/30/11 02:23	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			09/30/11 02:23	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/30/11 02:23	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			09/30/11 02:23	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/30/11 02:23	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			09/30/11 02:23	1
Dibromochloromethane	1.0	U	1.0	0.18	ug/L			09/30/11 02:23	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			09/30/11 02:23	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

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

<i>Surrogate</i>	<i>% Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	100		63 - 129		09/30/11 02:23	1
4-Bromofluorobenzene (Surr)	98		66 - 117		09/30/11 02:23	1
Toluene-d8 (Surr)	113		74 - 115		09/30/11 02:23	1
Dibromofluoromethane (Surr)	90		75 - 121		09/30/11 02:23	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: GW-17360-092211-EM-006

Date Collected: 09/22/11 11:30

Date Received: 09/24/11 09:30

Lab Sample ID: 240-4200-6

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	2.9	J * B	10	1.1	ug/L			09/30/11 02:45	1
Benzene	1.0	U	1.0	0.13	ug/L			09/30/11 02:45	1
Bromodichloromethane	1.0	U	1.0	0.15	ug/L			09/30/11 02:45	1
Bromoform	1.0	U	1.0	0.64	ug/L			09/30/11 02:45	1
Bromomethane	1.0	U	1.0	0.41	ug/L			09/30/11 02:45	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			09/30/11 02:45	1
Carbon disulfide	5.0	U	5.0	0.13	ug/L			09/30/11 02:45	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			09/30/11 02:45	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			09/30/11 02:45	1
Chloroethane	1.0	U	1.0	0.29	ug/L			09/30/11 02:45	1
Chloroform	0.18	J	1.0	0.16	ug/L			09/30/11 02:45	1
Chloromethane	1.0	U	1.0	0.30	ug/L			09/30/11 02:45	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			09/30/11 02:45	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			09/30/11 02:45	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/30/11 02:45	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			09/30/11 02:45	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			09/30/11 02:45	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			09/30/11 02:45	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			09/30/11 02:45	1
2-Hexanone	10	U	10	0.41	ug/L			09/30/11 02:45	1
Methylene Chloride	5.0	U	5.0	0.33	ug/L			09/30/11 02:45	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			09/30/11 02:45	1
Styrene	1.0	U	1.0	0.11	ug/L			09/30/11 02:45	1
1,1,1,2-Tetrachloroethane	1.0	U *	1.0	0.18	ug/L			09/30/11 02:45	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			09/30/11 02:45	1
Toluene	1.0	U	1.0	0.13	ug/L			09/30/11 02:45	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			09/30/11 02:45	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			09/30/11 02:45	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			09/30/11 02:45	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/30/11 02:45	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			09/30/11 02:45	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			09/30/11 02:45	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.67	ug/L			09/30/11 02:45	1
1,2-Dibromoethane	1.0	U	1.0	0.24	ug/L			09/30/11 02:45	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			09/30/11 02:45	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			09/30/11 02:45	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/30/11 02:45	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			09/30/11 02:45	1
Methyl acetate	10	U	10	0.38	ug/L			09/30/11 02:45	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			09/30/11 02:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			09/30/11 02:45	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			09/30/11 02:45	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/30/11 02:45	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			09/30/11 02:45	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/30/11 02:45	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			09/30/11 02:45	1
Dibromochloromethane	1.0	U	1.0	0.18	ug/L			09/30/11 02:45	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			09/30/11 02:45	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

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

<i>Surrogate</i>	<i>% Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	104		63 - 129		09/30/11 02:45	1
4-Bromofluorobenzene (Surr)	96		66 - 117		09/30/11 02:45	1
Toluene-d8 (Surr)	112		74 - 115		09/30/11 02:45	1
Dibromofluoromethane (Surr)	88		75 - 121		09/30/11 02:45	1



Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: GW-17360-092211-EM-007

Date Collected: 09/22/11 11:55

Date Received: 09/24/11 09:30

Lab Sample ID: 240-4200-7

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	2.7	J * B	10	1.1	ug/L			09/30/11 03:08	1
Benzene	1.0	U	1.0	0.13	ug/L			09/30/11 03:08	1
Bromodichloromethane	1.0	U	1.0	0.15	ug/L			09/30/11 03:08	1
Bromoform	1.0	U	1.0	0.64	ug/L			09/30/11 03:08	1
Bromomethane	1.0	U	1.0	0.41	ug/L			09/30/11 03:08	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			09/30/11 03:08	1
Carbon disulfide	5.0	U	5.0	0.13	ug/L			09/30/11 03:08	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			09/30/11 03:08	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			09/30/11 03:08	1
Chloroethane	1.0	U	1.0	0.29	ug/L			09/30/11 03:08	1
Chloroform	1.0	U	1.0	0.16	ug/L			09/30/11 03:08	1
Chloromethane	1.0	U	1.0	0.30	ug/L			09/30/11 03:08	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			09/30/11 03:08	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			09/30/11 03:08	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/30/11 03:08	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			09/30/11 03:08	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			09/30/11 03:08	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			09/30/11 03:08	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			09/30/11 03:08	1
2-Hexanone	10	U	10	0.41	ug/L			09/30/11 03:08	1
Methylene Chloride	5.0	U	5.0	0.33	ug/L			09/30/11 03:08	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			09/30/11 03:08	1
Styrene	1.0	U	1.0	0.11	ug/L			09/30/11 03:08	1
1,1,1,2-Tetrachloroethane	1.0	U *	1.0	0.18	ug/L			09/30/11 03:08	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			09/30/11 03:08	1
Toluene	1.0	U	1.0	0.13	ug/L			09/30/11 03:08	1
Trichloroethene	0.45	J	1.0	0.17	ug/L			09/30/11 03:08	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			09/30/11 03:08	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			09/30/11 03:08	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/30/11 03:08	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			09/30/11 03:08	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			09/30/11 03:08	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.67	ug/L			09/30/11 03:08	1
1,2-Dibromoethane	1.0	U	1.0	0.24	ug/L			09/30/11 03:08	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			09/30/11 03:08	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			09/30/11 03:08	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/30/11 03:08	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			09/30/11 03:08	1
Methyl acetate	10	U	10	0.38	ug/L			09/30/11 03:08	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			09/30/11 03:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			09/30/11 03:08	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			09/30/11 03:08	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/30/11 03:08	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			09/30/11 03:08	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/30/11 03:08	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			09/30/11 03:08	1
Dibromochloromethane	1.0	U	1.0	0.18	ug/L			09/30/11 03:08	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			09/30/11 03:08	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

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

<i>Surrogate</i>	<i>% Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	102		63 - 129		09/30/11 03:08	1
4-Bromofluorobenzene (Surr)	94		66 - 117		09/30/11 03:08	1
Toluene-d8 (Surr)	116	X	74 - 115		09/30/11 03:08	1
Dibromofluoromethane (Surr)	89		75 - 121		09/30/11 03:08	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: GW-17360-092211-EM-008

Date Collected: 09/22/11 14:45

Date Received: 09/24/11 09:30

Lab Sample ID: 240-4200-8

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	2.8	J * B	10	1.1	ug/L			09/30/11 03:30	1
Benzene	1.0	U	1.0	0.13	ug/L			09/30/11 03:30	1
Bromodichloromethane	1.0	U	1.0	0.15	ug/L			09/30/11 03:30	1
Bromoform	1.0	U	1.0	0.64	ug/L			09/30/11 03:30	1
Bromomethane	1.0	U	1.0	0.41	ug/L			09/30/11 03:30	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			09/30/11 03:30	1
Carbon disulfide	5.0	U	5.0	0.13	ug/L			09/30/11 03:30	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			09/30/11 03:30	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			09/30/11 03:30	1
Chloroethane	1.0	U	1.0	0.29	ug/L			09/30/11 03:30	1
Chloroform	1.0	U	1.0	0.16	ug/L			09/30/11 03:30	1
Chloromethane	1.0	U	1.0	0.30	ug/L			09/30/11 03:30	1
1,1-Dichloroethane	0.50	J	1.0	0.15	ug/L			09/30/11 03:30	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			09/30/11 03:30	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/30/11 03:30	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			09/30/11 03:30	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			09/30/11 03:30	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			09/30/11 03:30	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			09/30/11 03:30	1
2-Hexanone	10	U	10	0.41	ug/L			09/30/11 03:30	1
Methylene Chloride	5.0	U	5.0	0.33	ug/L			09/30/11 03:30	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			09/30/11 03:30	1
Styrene	1.0	U	1.0	0.11	ug/L			09/30/11 03:30	1
1,1,1,2-Tetrachloroethane	1.0	U *	1.0	0.18	ug/L			09/30/11 03:30	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			09/30/11 03:30	1
Toluene	1.0	U	1.0	0.13	ug/L			09/30/11 03:30	1
Trichloroethene	17		1.0	0.17	ug/L			09/30/11 03:30	1
Vinyl chloride	1.9		1.0	0.22	ug/L			09/30/11 03:30	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			09/30/11 03:30	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/30/11 03:30	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			09/30/11 03:30	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			09/30/11 03:30	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.67	ug/L			09/30/11 03:30	1
1,2-Dibromoethane	1.0	U	1.0	0.24	ug/L			09/30/11 03:30	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			09/30/11 03:30	1
cis-1,2-Dichloroethene	5.5		1.0	0.17	ug/L			09/30/11 03:30	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/30/11 03:30	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			09/30/11 03:30	1
Methyl acetate	10	U	10	0.38	ug/L			09/30/11 03:30	1
Methyl tert-butyl ether	0.22	J	5.0	0.17	ug/L			09/30/11 03:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			09/30/11 03:30	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			09/30/11 03:30	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/30/11 03:30	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			09/30/11 03:30	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/30/11 03:30	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			09/30/11 03:30	1
Dibromochloromethane	1.0	U	1.0	0.18	ug/L			09/30/11 03:30	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			09/30/11 03:30	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

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

<i>Surrogate</i>	<i>% Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	101		63 - 129		09/30/11 03:30	1
4-Bromofluorobenzene (Surr)	96		66 - 117		09/30/11 03:30	1
Toluene-d8 (Surr)	112		74 - 115		09/30/11 03:30	1
Dibromofluoromethane (Surr)	89		75 - 121		09/30/11 03:30	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: GW-17360-092211-EM-009

Date Collected: 09/22/11 15:15

Date Received: 09/24/11 09:30

Lab Sample ID: 240-4200-9

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	2.5	J * B	10	1.1	ug/L			09/30/11 03:52	1
Benzene	1.0	U	1.0	0.13	ug/L			09/30/11 03:52	1
Bromodichloromethane	1.0	U	1.0	0.15	ug/L			09/30/11 03:52	1
Bromoform	1.0	U	1.0	0.64	ug/L			09/30/11 03:52	1
Bromomethane	1.0	U	1.0	0.41	ug/L			09/30/11 03:52	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			09/30/11 03:52	1
Carbon disulfide	5.0	U	5.0	0.13	ug/L			09/30/11 03:52	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			09/30/11 03:52	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			09/30/11 03:52	1
Chloroethane	1.0	U	1.0	0.29	ug/L			09/30/11 03:52	1
Chloroform	1.0	U	1.0	0.16	ug/L			09/30/11 03:52	1
Chloromethane	1.0	U	1.0	0.30	ug/L			09/30/11 03:52	1
1,1-Dichloroethane	0.18	J	1.0	0.15	ug/L			09/30/11 03:52	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			09/30/11 03:52	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/30/11 03:52	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			09/30/11 03:52	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			09/30/11 03:52	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			09/30/11 03:52	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			09/30/11 03:52	1
2-Hexanone	10	U	10	0.41	ug/L			09/30/11 03:52	1
Methylene Chloride	5.0	U	5.0	0.33	ug/L			09/30/11 03:52	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			09/30/11 03:52	1
Styrene	1.0	U	1.0	0.11	ug/L			09/30/11 03:52	1
1,1,1,2-Tetrachloroethane	1.0	U *	1.0	0.18	ug/L			09/30/11 03:52	1
Tetrachloroethene	0.48	J	1.0	0.29	ug/L			09/30/11 03:52	1
Toluene	1.0	U	1.0	0.13	ug/L			09/30/11 03:52	1
Trichloroethene	4.9		1.0	0.17	ug/L			09/30/11 03:52	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			09/30/11 03:52	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			09/30/11 03:52	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/30/11 03:52	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			09/30/11 03:52	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			09/30/11 03:52	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.67	ug/L			09/30/11 03:52	1
1,2-Dibromoethane	1.0	U	1.0	0.24	ug/L			09/30/11 03:52	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			09/30/11 03:52	1
cis-1,2-Dichloroethene	0.59	J	1.0	0.17	ug/L			09/30/11 03:52	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/30/11 03:52	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			09/30/11 03:52	1
Methyl acetate	10	U	10	0.38	ug/L			09/30/11 03:52	1
Methyl tert-butyl ether	0.75	J	5.0	0.17	ug/L			09/30/11 03:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			09/30/11 03:52	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			09/30/11 03:52	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/30/11 03:52	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			09/30/11 03:52	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/30/11 03:52	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			09/30/11 03:52	1
Dibromochloromethane	1.0	U	1.0	0.18	ug/L			09/30/11 03:52	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			09/30/11 03:52	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

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

<i>Surrogate</i>	<i>% Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	98		63 - 129		09/30/11 03:52	1
4-Bromofluorobenzene (Surr)	96		66 - 117		09/30/11 03:52	1
Toluene-d8 (Surr)	112		74 - 115		09/30/11 03:52	1
Dibromofluoromethane (Surr)	87		75 - 121		09/30/11 03:52	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: GW-17360-092211-EM-010

Date Collected: 09/22/11 16:10

Date Received: 09/24/11 09:30

Lab Sample ID: 240-4200-10

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	2.9	J * B	10	1.1	ug/L			09/30/11 04:14	1
Benzene	1.0	U	1.0	0.13	ug/L			09/30/11 04:14	1
Bromodichloromethane	1.0		1.0	0.15	ug/L			09/30/11 04:14	1
Bromoform	1.0	U	1.0	0.64	ug/L			09/30/11 04:14	1
Bromomethane	1.0	U	1.0	0.41	ug/L			09/30/11 04:14	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			09/30/11 04:14	1
Carbon disulfide	5.0	U	5.0	0.13	ug/L			09/30/11 04:14	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			09/30/11 04:14	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			09/30/11 04:14	1
Chloroethane	1.0	U	1.0	0.29	ug/L			09/30/11 04:14	1
Chloroform	8.5		1.0	0.16	ug/L			09/30/11 04:14	1
Chloromethane	1.0	U	1.0	0.30	ug/L			09/30/11 04:14	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			09/30/11 04:14	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			09/30/11 04:14	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/30/11 04:14	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			09/30/11 04:14	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			09/30/11 04:14	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			09/30/11 04:14	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			09/30/11 04:14	1
2-Hexanone	10	U	10	0.41	ug/L			09/30/11 04:14	1
Methylene Chloride	5.0	U	5.0	0.33	ug/L			09/30/11 04:14	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			09/30/11 04:14	1
Styrene	1.0	U	1.0	0.11	ug/L			09/30/11 04:14	1
1,1,1,2-Tetrachloroethane	1.0	U *	1.0	0.18	ug/L			09/30/11 04:14	1
Tetrachloroethene	0.42	J	1.0	0.29	ug/L			09/30/11 04:14	1
Toluene	1.0	U	1.0	0.13	ug/L			09/30/11 04:14	1
Trichloroethene	0.28	J	1.0	0.17	ug/L			09/30/11 04:14	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			09/30/11 04:14	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			09/30/11 04:14	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/30/11 04:14	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			09/30/11 04:14	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			09/30/11 04:14	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.67	ug/L			09/30/11 04:14	1
1,2-Dibromoethane	1.0	U	1.0	0.24	ug/L			09/30/11 04:14	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			09/30/11 04:14	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			09/30/11 04:14	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/30/11 04:14	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			09/30/11 04:14	1
Methyl acetate	10	U	10	0.38	ug/L			09/30/11 04:14	1
Methyl tert-butyl ether	0.24	J	5.0	0.17	ug/L			09/30/11 04:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			09/30/11 04:14	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			09/30/11 04:14	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/30/11 04:14	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			09/30/11 04:14	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/30/11 04:14	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			09/30/11 04:14	1
Dibromochloromethane	1.0	U	1.0	0.18	ug/L			09/30/11 04:14	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			09/30/11 04:14	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

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

<i>Surrogate</i>	<i>% Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	102		63 - 129		09/30/11 04:14	1
4-Bromofluorobenzene (Surr)	94		66 - 117		09/30/11 04:14	1
Toluene-d8 (Surr)	113		74 - 115		09/30/11 04:14	1
Dibromofluoromethane (Surr)	91		75 - 121		09/30/11 04:14	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: GW-17360-092211-EM-011

Date Collected: 09/22/11 08:20

Date Received: 09/24/11 09:30

Lab Sample ID: 240-4200-11

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	2.3	J * B	10	1.1	ug/L			09/30/11 04:36	1
Benzene	1.0	U	1.0	0.13	ug/L			09/30/11 04:36	1
Bromodichloromethane	1.0	U	1.0	0.15	ug/L			09/30/11 04:36	1
Bromoform	1.0	U	1.0	0.64	ug/L			09/30/11 04:36	1
Bromomethane	1.0	U	1.0	0.41	ug/L			09/30/11 04:36	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			09/30/11 04:36	1
Carbon disulfide	5.0	U	5.0	0.13	ug/L			09/30/11 04:36	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			09/30/11 04:36	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			09/30/11 04:36	1
Chloroethane	1.0	U	1.0	0.29	ug/L			09/30/11 04:36	1
Chloroform	1.1		1.0	0.16	ug/L			09/30/11 04:36	1
Chloromethane	1.0	U	1.0	0.30	ug/L			09/30/11 04:36	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			09/30/11 04:36	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			09/30/11 04:36	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/30/11 04:36	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			09/30/11 04:36	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			09/30/11 04:36	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			09/30/11 04:36	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			09/30/11 04:36	1
2-Hexanone	10	U	10	0.41	ug/L			09/30/11 04:36	1
Methylene Chloride	5.0	U	5.0	0.33	ug/L			09/30/11 04:36	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			09/30/11 04:36	1
Styrene	1.0	U	1.0	0.11	ug/L			09/30/11 04:36	1
1,1,2,2-Tetrachloroethane	1.0	U *	1.0	0.18	ug/L			09/30/11 04:36	1
Tetrachloroethene	0.41	J	1.0	0.29	ug/L			09/30/11 04:36	1
Toluene	1.0	U	1.0	0.13	ug/L			09/30/11 04:36	1
Trichloroethene	1.0		1.0	0.17	ug/L			09/30/11 04:36	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			09/30/11 04:36	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			09/30/11 04:36	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/30/11 04:36	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			09/30/11 04:36	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			09/30/11 04:36	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.67	ug/L			09/30/11 04:36	1
1,2-Dibromoethane	1.0	U	1.0	0.24	ug/L			09/30/11 04:36	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			09/30/11 04:36	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			09/30/11 04:36	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/30/11 04:36	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			09/30/11 04:36	1
Methyl acetate	10	U	10	0.38	ug/L			09/30/11 04:36	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			09/30/11 04:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			09/30/11 04:36	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			09/30/11 04:36	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/30/11 04:36	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			09/30/11 04:36	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/30/11 04:36	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			09/30/11 04:36	1
Dibromochloromethane	1.0	U	1.0	0.18	ug/L			09/30/11 04:36	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			09/30/11 04:36	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

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

<i>Surrogate</i>	<i>% Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	101		63 - 129		09/30/11 04:36	1
4-Bromofluorobenzene (Surr)	97		66 - 117		09/30/11 04:36	1
Toluene-d8 (Surr)	115		74 - 115		09/30/11 04:36	1
Dibromofluoromethane (Surr)	89		75 - 121		09/30/11 04:36	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: GW-17360-092211-EM-012

Date Collected: 09/22/11 08:45

Date Received: 09/24/11 09:30

Lab Sample ID: 240-4200-12

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.3	J * B	10	1.1	ug/L			09/30/11 04:59	1
Benzene	1.0	U	1.0	0.13	ug/L			09/30/11 04:59	1
Bromodichloromethane	1.0	U	1.0	0.15	ug/L			09/30/11 04:59	1
Bromoform	1.0	U	1.0	0.64	ug/L			09/30/11 04:59	1
Bromomethane	1.0	U	1.0	0.41	ug/L			09/30/11 04:59	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			09/30/11 04:59	1
Carbon disulfide	5.0	U	5.0	0.13	ug/L			09/30/11 04:59	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			09/30/11 04:59	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			09/30/11 04:59	1
Chloroethane	1.0	U	1.0	0.29	ug/L			09/30/11 04:59	1
Chloroform	1.0	U	1.0	0.16	ug/L			09/30/11 04:59	1
Chloromethane	1.0	U	1.0	0.30	ug/L			09/30/11 04:59	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			09/30/11 04:59	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			09/30/11 04:59	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/30/11 04:59	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			09/30/11 04:59	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			09/30/11 04:59	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			09/30/11 04:59	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			09/30/11 04:59	1
2-Hexanone	10	U	10	0.41	ug/L			09/30/11 04:59	1
Methylene Chloride	5.0	U	5.0	0.33	ug/L			09/30/11 04:59	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			09/30/11 04:59	1
Styrene	1.0	U	1.0	0.11	ug/L			09/30/11 04:59	1
1,1,1,2-Tetrachloroethane	1.0	U *	1.0	0.18	ug/L			09/30/11 04:59	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			09/30/11 04:59	1
Toluene	1.0	U	1.0	0.13	ug/L			09/30/11 04:59	1
Trichloroethene	0.28	J	1.0	0.17	ug/L			09/30/11 04:59	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			09/30/11 04:59	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			09/30/11 04:59	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/30/11 04:59	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			09/30/11 04:59	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			09/30/11 04:59	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.67	ug/L			09/30/11 04:59	1
1,2-Dibromoethane	1.0	U	1.0	0.24	ug/L			09/30/11 04:59	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			09/30/11 04:59	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			09/30/11 04:59	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/30/11 04:59	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			09/30/11 04:59	1
Methyl acetate	10	U	10	0.38	ug/L			09/30/11 04:59	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			09/30/11 04:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			09/30/11 04:59	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			09/30/11 04:59	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/30/11 04:59	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			09/30/11 04:59	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/30/11 04:59	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			09/30/11 04:59	1
Dibromochloromethane	1.0	U	1.0	0.18	ug/L			09/30/11 04:59	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			09/30/11 04:59	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

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

<i>Surrogate</i>	<i>% Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	102		63 - 129		09/30/11 04:59	1
4-Bromofluorobenzene (Surr)	97		66 - 117		09/30/11 04:59	1
Toluene-d8 (Surr)	113		74 - 115		09/30/11 04:59	1
Dibromofluoromethane (Surr)	90		75 - 121		09/30/11 04:59	1



Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: GW-17360-092211-EM-013

Lab Sample ID: 240-4200-13

Date Collected: 09/22/11 09:30

Matrix: Water

Date Received: 09/24/11 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.4	J B	10	1.1	ug/L			10/02/11 14:50	1
Benzene	1.0	U	1.0	0.13	ug/L			10/02/11 14:50	1
Bromodichloromethane	1.0	U	1.0	0.15	ug/L			10/02/11 14:50	1
Bromoform	1.0	U	1.0	0.64	ug/L			10/02/11 14:50	1
Bromomethane	1.0	U	1.0	0.41	ug/L			10/02/11 14:50	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			10/02/11 14:50	1
Carbon disulfide	5.0	U	5.0	0.13	ug/L			10/02/11 14:50	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			10/02/11 14:50	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			10/02/11 14:50	1
Chloroethane	1.0	U	1.0	0.29	ug/L			10/02/11 14:50	1
Chloroform	0.24	J	1.0	0.16	ug/L			10/02/11 14:50	1
Chloromethane	1.0	U	1.0	0.30	ug/L			10/02/11 14:50	1
1,1-Dichloroethane	0.26	J	1.0	0.15	ug/L			10/02/11 14:50	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			10/02/11 14:50	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			10/02/11 14:50	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			10/02/11 14:50	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			10/02/11 14:50	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			10/02/11 14:50	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			10/02/11 14:50	1
2-Hexanone	10	U	10	0.41	ug/L			10/02/11 14:50	1
Methylene Chloride	5.0	U	5.0	0.33	ug/L			10/02/11 14:50	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			10/02/11 14:50	1
Styrene	1.0	U	1.0	0.11	ug/L			10/02/11 14:50	1
1,1,1,2-Tetrachloroethane	1.0	U *	1.0	0.18	ug/L			10/02/11 14:50	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			10/02/11 14:50	1
Toluene	1.0	U	1.0	0.13	ug/L			10/02/11 14:50	1
Trichloroethene	2.8		1.0	0.17	ug/L			10/02/11 14:50	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			10/02/11 14:50	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			10/02/11 14:50	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			10/02/11 14:50	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			10/02/11 14:50	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			10/02/11 14:50	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.67	ug/L			10/02/11 14:50	1
1,2-Dibromoethane	1.0	U	1.0	0.24	ug/L			10/02/11 14:50	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			10/02/11 14:50	1
cis-1,2-Dichloroethene	1.6		1.0	0.17	ug/L			10/02/11 14:50	1
trans-1,2-Dichloroethene	0.33	J	1.0	0.19	ug/L			10/02/11 14:50	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			10/02/11 14:50	1
Methyl acetate	10	U	10	0.38	ug/L			10/02/11 14:50	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			10/02/11 14:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			10/02/11 14:50	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			10/02/11 14:50	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			10/02/11 14:50	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			10/02/11 14:50	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			10/02/11 14:50	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			10/02/11 14:50	1
Dibromochloromethane	1.0	U	1.0	0.18	ug/L			10/02/11 14:50	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			10/02/11 14:50	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

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

<i>Surrogate</i>	<i>% Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	100		63 - 129		10/02/11 14:50	1
4-Bromofluorobenzene (Surr)	95		66 - 117		10/02/11 14:50	1
Toluene-d8 (Surr)	108		74 - 115		10/02/11 14:50	1
Dibromofluoromethane (Surr)	87		75 - 121		10/02/11 14:50	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: GW-17360-092211-EM-014

Lab Sample ID: 240-4200-14

Date Collected: 09/22/11 10:10

Matrix: Water

Date Received: 09/24/11 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	5.3	J * B	10	1.1	ug/L			09/30/11 05:43	1
Benzene	1.0	U	1.0	0.13	ug/L			09/30/11 05:43	1
Bromodichloromethane	1.0	U	1.0	0.15	ug/L			09/30/11 05:43	1
Bromoform	1.0	U	1.0	0.64	ug/L			09/30/11 05:43	1
Bromomethane	1.0	U	1.0	0.41	ug/L			09/30/11 05:43	1
2-Butanone (MEK)	1.4	J	10	0.57	ug/L			09/30/11 05:43	1
Carbon disulfide	5.0	U	5.0	0.13	ug/L			09/30/11 05:43	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			09/30/11 05:43	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			09/30/11 05:43	1
Chloroethane	1.0	U	1.0	0.29	ug/L			09/30/11 05:43	1
Chloroform	1.0	U	1.0	0.16	ug/L			09/30/11 05:43	1
Chloromethane	1.0	U	1.0	0.30	ug/L			09/30/11 05:43	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			09/30/11 05:43	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			09/30/11 05:43	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/30/11 05:43	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			09/30/11 05:43	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			09/30/11 05:43	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			09/30/11 05:43	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			09/30/11 05:43	1
2-Hexanone	10	U	10	0.41	ug/L			09/30/11 05:43	1
Methylene Chloride	5.0	U	5.0	0.33	ug/L			09/30/11 05:43	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			09/30/11 05:43	1
Styrene	1.0	U	1.0	0.11	ug/L			09/30/11 05:43	1
1,1,1,2-Tetrachloroethane	1.0	U *	1.0	0.18	ug/L			09/30/11 05:43	1
Tetrachloroethene	0.46	J	1.0	0.29	ug/L			09/30/11 05:43	1
Toluene	1.0	U	1.0	0.13	ug/L			09/30/11 05:43	1
Trichloroethene	0.28	J	1.0	0.17	ug/L			09/30/11 05:43	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			09/30/11 05:43	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			09/30/11 05:43	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/30/11 05:43	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			09/30/11 05:43	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			09/30/11 05:43	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.67	ug/L			09/30/11 05:43	1
1,2-Dibromoethane	1.0	U	1.0	0.24	ug/L			09/30/11 05:43	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			09/30/11 05:43	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			09/30/11 05:43	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/30/11 05:43	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			09/30/11 05:43	1
Methyl acetate	10	U	10	0.38	ug/L			09/30/11 05:43	1
Methyl tert-butyl ether	0.35	J	5.0	0.17	ug/L			09/30/11 05:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			09/30/11 05:43	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			09/30/11 05:43	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/30/11 05:43	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			09/30/11 05:43	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/30/11 05:43	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			09/30/11 05:43	1
Dibromochloromethane	1.0	U	1.0	0.18	ug/L			09/30/11 05:43	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			09/30/11 05:43	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

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

<i>Surrogate</i>	<i>% Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	99		63 - 129		09/30/11 05:43	1
4-Bromofluorobenzene (Surr)	97		66 - 117		09/30/11 05:43	1
Toluene-d8 (Surr)	116	X	74 - 115		09/30/11 05:43	1
Dibromofluoromethane (Surr)	89		75 - 121		09/30/11 05:43	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: GW-17360-092211-EM-015

Date Collected: 09/22/11 11:20

Date Received: 09/24/11 09:30

Lab Sample ID: 240-4200-15

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	2.2	J * B	10	1.1	ug/L			09/30/11 06:05	1
Benzene	1.0	U	1.0	0.13	ug/L			09/30/11 06:05	1
Bromodichloromethane	1.0	U	1.0	0.15	ug/L			09/30/11 06:05	1
Bromoform	1.0	U	1.0	0.64	ug/L			09/30/11 06:05	1
Bromomethane	1.0	U	1.0	0.41	ug/L			09/30/11 06:05	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			09/30/11 06:05	1
Carbon disulfide	5.0	U	5.0	0.13	ug/L			09/30/11 06:05	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			09/30/11 06:05	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			09/30/11 06:05	1
Chloroethane	1.0	U	1.0	0.29	ug/L			09/30/11 06:05	1
Chloroform	1.0		1.0	0.16	ug/L			09/30/11 06:05	1
Chloromethane	1.0	U	1.0	0.30	ug/L			09/30/11 06:05	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			09/30/11 06:05	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			09/30/11 06:05	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/30/11 06:05	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			09/30/11 06:05	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			09/30/11 06:05	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			09/30/11 06:05	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			09/30/11 06:05	1
2-Hexanone	10	U	10	0.41	ug/L			09/30/11 06:05	1
Methylene Chloride	5.0	U	5.0	0.33	ug/L			09/30/11 06:05	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			09/30/11 06:05	1
Styrene	1.0	U	1.0	0.11	ug/L			09/30/11 06:05	1
1,1,1,2-Tetrachloroethane	1.0	U *	1.0	0.18	ug/L			09/30/11 06:05	1
Tetrachloroethene	0.30	J	1.0	0.29	ug/L			09/30/11 06:05	1
Toluene	1.0	U	1.0	0.13	ug/L			09/30/11 06:05	1
Trichloroethene	0.17	J	1.0	0.17	ug/L			09/30/11 06:05	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			09/30/11 06:05	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			09/30/11 06:05	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/30/11 06:05	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			09/30/11 06:05	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			09/30/11 06:05	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.67	ug/L			09/30/11 06:05	1
1,2-Dibromoethane	1.0	U	1.0	0.24	ug/L			09/30/11 06:05	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			09/30/11 06:05	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			09/30/11 06:05	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/30/11 06:05	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			09/30/11 06:05	1
Methyl acetate	10	U	10	0.38	ug/L			09/30/11 06:05	1
Methyl tert-butyl ether	0.35	J	5.0	0.17	ug/L			09/30/11 06:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			09/30/11 06:05	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			09/30/11 06:05	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/30/11 06:05	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			09/30/11 06:05	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/30/11 06:05	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			09/30/11 06:05	1
Dibromochloromethane	1.0	U	1.0	0.18	ug/L			09/30/11 06:05	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			09/30/11 06:05	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

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

<i>Surrogate</i>	<i>% Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	102		63 - 129		09/30/11 06:05	1
4-Bromofluorobenzene (Surr)	96		66 - 117		09/30/11 06:05	1
Toluene-d8 (Surr)	115		74 - 115		09/30/11 06:05	1
Dibromofluoromethane (Surr)	89		75 - 121		09/30/11 06:05	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: GW-17360-092211-EM-016

Date Collected: 09/22/11 11:55

Date Received: 09/24/11 09:30

Lab Sample ID: 240-4200-16

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.3	J * B	10	1.1	ug/L			09/30/11 07:12	1
Benzene	1.0	U	1.0	0.13	ug/L			09/30/11 07:12	1
Bromodichloromethane	0.35	J	1.0	0.15	ug/L			09/30/11 07:12	1
Bromoform	1.0	U	1.0	0.64	ug/L			09/30/11 07:12	1
Bromomethane	1.0	U	1.0	0.41	ug/L			09/30/11 07:12	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			09/30/11 07:12	1
Carbon disulfide	5.0	U	5.0	0.13	ug/L			09/30/11 07:12	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			09/30/11 07:12	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			09/30/11 07:12	1
Chloroethane	1.0	U	1.0	0.29	ug/L			09/30/11 07:12	1
Chloroform	12		1.0	0.16	ug/L			09/30/11 07:12	1
Chloromethane	1.0	U	1.0	0.30	ug/L			09/30/11 07:12	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			09/30/11 07:12	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			09/30/11 07:12	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/30/11 07:12	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			09/30/11 07:12	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			09/30/11 07:12	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			09/30/11 07:12	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			09/30/11 07:12	1
2-Hexanone	10	U	10	0.41	ug/L			09/30/11 07:12	1
Methylene Chloride	5.0	U	5.0	0.33	ug/L			09/30/11 07:12	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			09/30/11 07:12	1
Styrene	1.0	U	1.0	0.11	ug/L			09/30/11 07:12	1
1,1,2,2-Tetrachloroethane	1.0	U *	1.0	0.18	ug/L			09/30/11 07:12	1
Tetrachloroethene	0.57	J	1.0	0.29	ug/L			09/30/11 07:12	1
Toluene	1.0	U	1.0	0.13	ug/L			09/30/11 07:12	1
Trichloroethene	0.56	J	1.0	0.17	ug/L			09/30/11 07:12	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			09/30/11 07:12	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			09/30/11 07:12	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/30/11 07:12	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			09/30/11 07:12	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			09/30/11 07:12	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.67	ug/L			09/30/11 07:12	1
1,2-Dibromoethane	1.0	U	1.0	0.24	ug/L			09/30/11 07:12	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			09/30/11 07:12	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			09/30/11 07:12	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/30/11 07:12	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			09/30/11 07:12	1
Methyl acetate	10	U	10	0.38	ug/L			09/30/11 07:12	1
Methyl tert-butyl ether	0.26	J	5.0	0.17	ug/L			09/30/11 07:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			09/30/11 07:12	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			09/30/11 07:12	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/30/11 07:12	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			09/30/11 07:12	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/30/11 07:12	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			09/30/11 07:12	1
Dibromochloromethane	1.0	U	1.0	0.18	ug/L			09/30/11 07:12	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			09/30/11 07:12	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

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

<i>Surrogate</i>	<i>% Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	101		63 - 129		09/30/11 07:12	1
4-Bromofluorobenzene (Surr)	96		66 - 117		09/30/11 07:12	1
Toluene-d8 (Surr)	113		74 - 115		09/30/11 07:12	1
Dibromofluoromethane (Surr)	97		75 - 121		09/30/11 07:12	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: GW-17360-092211-EM-017

Date Collected: 09/22/11 14:50

Date Received: 09/24/11 09:30

Lab Sample ID: 240-4200-17

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	2.6	J * B	10	1.1	ug/L			09/30/11 07:34	1
Benzene	1.0	U	1.0	0.13	ug/L			09/30/11 07:34	1
Bromodichloromethane	1.0	U	1.0	0.15	ug/L			09/30/11 07:34	1
Bromoform	1.0	U	1.0	0.64	ug/L			09/30/11 07:34	1
Bromomethane	1.0	U	1.0	0.41	ug/L			09/30/11 07:34	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			09/30/11 07:34	1
Carbon disulfide	5.0	U	5.0	0.13	ug/L			09/30/11 07:34	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			09/30/11 07:34	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			09/30/11 07:34	1
Chloroethane	1.0	U	1.0	0.29	ug/L			09/30/11 07:34	1
Chloroform	0.86	J	1.0	0.16	ug/L			09/30/11 07:34	1
Chloromethane	1.0	U	1.0	0.30	ug/L			09/30/11 07:34	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			09/30/11 07:34	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			09/30/11 07:34	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/30/11 07:34	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			09/30/11 07:34	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			09/30/11 07:34	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			09/30/11 07:34	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			09/30/11 07:34	1
2-Hexanone	10	U	10	0.41	ug/L			09/30/11 07:34	1
Methylene Chloride	5.0	U	5.0	0.33	ug/L			09/30/11 07:34	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			09/30/11 07:34	1
Styrene	1.0	U	1.0	0.11	ug/L			09/30/11 07:34	1
1,1,2,2-Tetrachloroethane	1.0	U *	1.0	0.18	ug/L			09/30/11 07:34	1
Tetrachloroethene	0.82	J	1.0	0.29	ug/L			09/30/11 07:34	1
Toluene	1.0	U	1.0	0.13	ug/L			09/30/11 07:34	1
Trichloroethene	0.36	J	1.0	0.17	ug/L			09/30/11 07:34	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			09/30/11 07:34	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			09/30/11 07:34	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/30/11 07:34	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			09/30/11 07:34	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			09/30/11 07:34	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.67	ug/L			09/30/11 07:34	1
1,2-Dibromoethane	1.0	U	1.0	0.24	ug/L			09/30/11 07:34	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			09/30/11 07:34	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			09/30/11 07:34	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/30/11 07:34	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			09/30/11 07:34	1
Methyl acetate	10	U	10	0.38	ug/L			09/30/11 07:34	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			09/30/11 07:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			09/30/11 07:34	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			09/30/11 07:34	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/30/11 07:34	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			09/30/11 07:34	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/30/11 07:34	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			09/30/11 07:34	1
Dibromochloromethane	1.0	U	1.0	0.18	ug/L			09/30/11 07:34	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			09/30/11 07:34	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

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

<i>Surrogate</i>	<i>% Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	101		63 - 129		09/30/11 07:34	1
4-Bromofluorobenzene (Surr)	96		66 - 117		09/30/11 07:34	1
Toluene-d8 (Surr)	117	X	74 - 115		09/30/11 07:34	1
Dibromofluoromethane (Surr)	90		75 - 121		09/30/11 07:34	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: GW-17360-092211-EM-018

Date Collected: 09/22/11 15:55

Date Received: 09/24/11 09:30

Lab Sample ID: 240-4200-18

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	2.0	J * B	10	1.1	ug/L			09/30/11 07:57	1
Benzene	0.16	J	1.0	0.13	ug/L			09/30/11 07:57	1
Bromodichloromethane	1.0	U	1.0	0.15	ug/L			09/30/11 07:57	1
Bromoform	1.0	U	1.0	0.64	ug/L			09/30/11 07:57	1
Bromomethane	1.0	U	1.0	0.41	ug/L			09/30/11 07:57	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			09/30/11 07:57	1
Carbon disulfide	0.20	J	5.0	0.13	ug/L			09/30/11 07:57	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			09/30/11 07:57	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			09/30/11 07:57	1
Chloroethane	1.0	U	1.0	0.29	ug/L			09/30/11 07:57	1
Chloroform	1.0	U	1.0	0.16	ug/L			09/30/11 07:57	1
Chloromethane	1.0	U	1.0	0.30	ug/L			09/30/11 07:57	1
1,1-Dichloroethane	0.35	J	1.0	0.15	ug/L			09/30/11 07:57	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			09/30/11 07:57	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/30/11 07:57	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			09/30/11 07:57	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			09/30/11 07:57	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			09/30/11 07:57	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			09/30/11 07:57	1
2-Hexanone	10	U	10	0.41	ug/L			09/30/11 07:57	1
Methylene Chloride	5.0	U	5.0	0.33	ug/L			09/30/11 07:57	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			09/30/11 07:57	1
Styrene	1.0	U	1.0	0.11	ug/L			09/30/11 07:57	1
1,1,2,2-Tetrachloroethane	1.0	U *	1.0	0.18	ug/L			09/30/11 07:57	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			09/30/11 07:57	1
Toluene	1.0	U	1.0	0.13	ug/L			09/30/11 07:57	1
Trichloroethene	0.81	J	1.0	0.17	ug/L			09/30/11 07:57	1
Vinyl chloride	2.1		1.0	0.22	ug/L			09/30/11 07:57	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			09/30/11 07:57	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/30/11 07:57	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			09/30/11 07:57	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			09/30/11 07:57	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.67	ug/L			09/30/11 07:57	1
1,2-Dibromoethane	1.0	U	1.0	0.24	ug/L			09/30/11 07:57	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			09/30/11 07:57	1
cis-1,2-Dichloroethene	3.3		1.0	0.17	ug/L			09/30/11 07:57	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/30/11 07:57	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			09/30/11 07:57	1
Methyl acetate	10	U	10	0.38	ug/L			09/30/11 07:57	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			09/30/11 07:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			09/30/11 07:57	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			09/30/11 07:57	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/30/11 07:57	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			09/30/11 07:57	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/30/11 07:57	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			09/30/11 07:57	1
Dibromochloromethane	1.0	U	1.0	0.18	ug/L			09/30/11 07:57	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			09/30/11 07:57	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

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

<i>Surrogate</i>	<i>% Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	100		63 - 129		09/30/11 07:57	1
4-Bromofluorobenzene (Surr)	92		66 - 117		09/30/11 07:57	1
Toluene-d8 (Surr)	113		74 - 115		09/30/11 07:57	1
Dibromofluoromethane (Surr)	89		75 - 121		09/30/11 07:57	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: GW-17360-092211-EM-019

Date Collected: 09/22/11 16:10

Date Received: 09/24/11 09:30

Lab Sample ID: 240-4200-19

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	2.2	J * B	10	1.1	ug/L			09/30/11 08:19	1
Benzene	1.0	U	1.0	0.13	ug/L			09/30/11 08:19	1
Bromodichloromethane	1.0	U	1.0	0.15	ug/L			09/30/11 08:19	1
Bromoform	1.0	U	1.0	0.64	ug/L			09/30/11 08:19	1
Bromomethane	1.0	U	1.0	0.41	ug/L			09/30/11 08:19	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			09/30/11 08:19	1
Carbon disulfide	5.0	U	5.0	0.13	ug/L			09/30/11 08:19	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			09/30/11 08:19	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			09/30/11 08:19	1
Chloroethane	1.0	U	1.0	0.29	ug/L			09/30/11 08:19	1
Chloroform	1.0	U	1.0	0.16	ug/L			09/30/11 08:19	1
Chloromethane	1.0	U	1.0	0.30	ug/L			09/30/11 08:19	1
1,1-Dichloroethane	0.96	J	1.0	0.15	ug/L			09/30/11 08:19	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			09/30/11 08:19	1
1,1-Dichloroethene	0.64	J	1.0	0.19	ug/L			09/30/11 08:19	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			09/30/11 08:19	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			09/30/11 08:19	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			09/30/11 08:19	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			09/30/11 08:19	1
2-Hexanone	10	U	10	0.41	ug/L			09/30/11 08:19	1
Methylene Chloride	5.0	U	5.0	0.33	ug/L			09/30/11 08:19	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			09/30/11 08:19	1
Styrene	1.0	U	1.0	0.11	ug/L			09/30/11 08:19	1
1,1,1,2-Tetrachloroethane	1.0	U *	1.0	0.18	ug/L			09/30/11 08:19	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			09/30/11 08:19	1
Toluene	1.0	U	1.0	0.13	ug/L			09/30/11 08:19	1
Trichloroethene	13		1.0	0.17	ug/L			09/30/11 08:19	1
Vinyl chloride	2.1		1.0	0.22	ug/L			09/30/11 08:19	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			09/30/11 08:19	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/30/11 08:19	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			09/30/11 08:19	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			09/30/11 08:19	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.67	ug/L			09/30/11 08:19	1
1,2-Dibromoethane	1.0	U	1.0	0.24	ug/L			09/30/11 08:19	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			09/30/11 08:19	1
cis-1,2-Dichloroethene	25		1.0	0.17	ug/L			09/30/11 08:19	1
trans-1,2-Dichloroethene	6.0		1.0	0.19	ug/L			09/30/11 08:19	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			09/30/11 08:19	1
Methyl acetate	10	U	10	0.38	ug/L			09/30/11 08:19	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			09/30/11 08:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			09/30/11 08:19	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			09/30/11 08:19	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/30/11 08:19	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			09/30/11 08:19	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/30/11 08:19	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			09/30/11 08:19	1
Dibromochloromethane	1.0	U	1.0	0.18	ug/L			09/30/11 08:19	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			09/30/11 08:19	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

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

<i>Surrogate</i>	<i>% Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	100		63 - 129		09/30/11 08:19	1
4-Bromofluorobenzene (Surr)	90		66 - 117		09/30/11 08:19	1
Toluene-d8 (Surr)	113		74 - 115		09/30/11 08:19	1
Dibromofluoromethane (Surr)	89		75 - 121		09/30/11 08:19	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: GW-17360-092211-EM-020

Date Collected: 09/22/11 18:00

Date Received: 09/24/11 09:30

Lab Sample ID: 240-4200-20

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	25	J B	91	10	ug/L			10/01/11 14:41	9.09
Benzene	9.1	U	9.1	1.2	ug/L			10/01/11 14:41	9.09
Bromodichloromethane	9.1	U	9.1	1.4	ug/L			10/01/11 14:41	9.09
Bromoform	9.1	U	9.1	5.8	ug/L			10/01/11 14:41	9.09
Bromomethane	9.1	U	9.1	3.7	ug/L			10/01/11 14:41	9.09
2-Butanone (MEK)	91	U *	91	5.2	ug/L			10/01/11 14:41	9.09
Carbon disulfide	45	U	45	1.2	ug/L			10/01/11 14:41	9.09
Carbon tetrachloride	9.1	U	9.1	1.2	ug/L			10/01/11 14:41	9.09
Chlorobenzene	9.1	U	9.1	1.4	ug/L			10/01/11 14:41	9.09
Chloroethane	9.1	U	9.1	2.6	ug/L			10/01/11 14:41	9.09
Chloroform	9.1	U	9.1	1.5	ug/L			10/01/11 14:41	9.09
Chloromethane	9.1	U	9.1	2.7	ug/L			10/01/11 14:41	9.09
1,1-Dichloroethane	9.1	U	9.1	1.4	ug/L			10/01/11 14:41	9.09
1,2-Dichloroethane	9.1	U	9.1	2.0	ug/L			10/01/11 14:41	9.09
1,1-Dichloroethene	9.1	U	9.1	1.7	ug/L			10/01/11 14:41	9.09
1,2-Dichloropropane	9.1	U	9.1	1.6	ug/L			10/01/11 14:41	9.09
cis-1,3-Dichloropropene	9.1	U	9.1	1.3	ug/L			10/01/11 14:41	9.09
trans-1,3-Dichloropropene	9.1	U	9.1	1.7	ug/L			10/01/11 14:41	9.09
Ethylbenzene	9.1	U	9.1	1.5	ug/L			10/01/11 14:41	9.09
2-Hexanone	91	U	91	3.7	ug/L			10/01/11 14:41	9.09
Methylene Chloride	45	U	45	3.0	ug/L			10/01/11 14:41	9.09
4-Methyl-2-pentanone (MIBK)	91	U	91	2.9	ug/L			10/01/11 14:41	9.09
Styrene	9.1	U	9.1	1.0	ug/L			10/01/11 14:41	9.09
1,1,2,2-Tetrachloroethane	9.1	U *	9.1	1.6	ug/L			10/01/11 14:41	9.09
Tetrachloroethene	180		9.1	2.6	ug/L			10/01/11 14:41	9.09
Toluene	9.1	U	9.1	1.2	ug/L			10/01/11 14:41	9.09
Trichloroethene	2.3	J	9.1	1.5	ug/L			10/01/11 14:41	9.09
Vinyl chloride	9.1	U	9.1	2.0	ug/L			10/01/11 14:41	9.09
Xylenes, Total	18	U	18	2.5	ug/L			10/01/11 14:41	9.09
1,1,1-Trichloroethane	9.1	U	9.1	2.0	ug/L			10/01/11 14:41	9.09
1,1,2-Trichloroethane	9.1	U	9.1	2.5	ug/L			10/01/11 14:41	9.09
Cyclohexane	9.1	U	9.1	1.1	ug/L			10/01/11 14:41	9.09
1,2-Dibromo-3-Chloropropane	9.1	U	9.1	6.1	ug/L			10/01/11 14:41	9.09
1,2-Dibromoethane	9.1	U	9.1	2.2	ug/L			10/01/11 14:41	9.09
Dichlorodifluoromethane	9.1	U	9.1	2.8	ug/L			10/01/11 14:41	9.09
cis-1,2-Dichloroethene	9.1	U	9.1	1.5	ug/L			10/01/11 14:41	9.09
trans-1,2-Dichloroethene	9.1	U	9.1	1.7	ug/L			10/01/11 14:41	9.09
Isopropylbenzene	9.1	U	9.1	1.2	ug/L			10/01/11 14:41	9.09
Methyl acetate	91	U	91	3.5	ug/L			10/01/11 14:41	9.09
Methyl tert-butyl ether	45	U	45	1.5	ug/L			10/01/11 14:41	9.09
1,1,2-Trichloro-1,2,2-trifluoroethane	9.1	U	9.1	2.5	ug/L			10/01/11 14:41	9.09
1,2,4-Trichlorobenzene	9.1	U	9.1	1.4	ug/L			10/01/11 14:41	9.09
1,2-Dichlorobenzene	9.1	U	9.1	1.2	ug/L			10/01/11 14:41	9.09
1,3-Dichlorobenzene	9.1	U	9.1	1.3	ug/L			10/01/11 14:41	9.09
1,4-Dichlorobenzene	9.1	U	9.1	1.2	ug/L			10/01/11 14:41	9.09
Trichlorofluoromethane	9.1	U	9.1	1.9	ug/L			10/01/11 14:41	9.09
Dibromochloromethane	9.1	U	9.1	1.6	ug/L			10/01/11 14:41	9.09
Methylcyclohexane	9.1	U	9.1	1.2	ug/L			10/01/11 14:41	9.09

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

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

<i>Surrogate</i>	<i>% Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	100		63 - 129		10/01/11 14:41	9.09
4-Bromofluorobenzene (Surr)	91		66 - 117		10/01/11 14:41	9.09
Toluene-d8 (Surr)	110		74 - 115		10/01/11 14:41	9.09
Dibromofluoromethane (Surr)	84		75 - 121		10/01/11 14:41	9.09

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: GW-17360-092211-EM-021

Lab Sample ID: 240-4200-21

Date Collected: 09/22/11 18:45

Matrix: Water

Date Received: 09/24/11 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	2.6	J B	10	1.1	ug/L			10/01/11 15:03	1
Benzene	1.0	U	1.0	0.13	ug/L			10/01/11 15:03	1
Bromodichloromethane	0.33	J	1.0	0.15	ug/L			10/01/11 15:03	1
Bromoform	1.0	U	1.0	0.64	ug/L			10/01/11 15:03	1
Bromomethane	1.0	U	1.0	0.41	ug/L			10/01/11 15:03	1
2-Butanone (MEK)	10	U *	10	0.57	ug/L			10/01/11 15:03	1
Carbon disulfide	5.0	U	5.0	0.13	ug/L			10/01/11 15:03	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			10/01/11 15:03	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			10/01/11 15:03	1
Chloroethane	1.0	U	1.0	0.29	ug/L			10/01/11 15:03	1
Chloroform	1.5		1.0	0.16	ug/L			10/01/11 15:03	1
Chloromethane	1.0	U	1.0	0.30	ug/L			10/01/11 15:03	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			10/01/11 15:03	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			10/01/11 15:03	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			10/01/11 15:03	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			10/01/11 15:03	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			10/01/11 15:03	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			10/01/11 15:03	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			10/01/11 15:03	1
2-Hexanone	10	U	10	0.41	ug/L			10/01/11 15:03	1
Methylene Chloride	5.0	U	5.0	0.33	ug/L			10/01/11 15:03	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			10/01/11 15:03	1
Styrene	1.0	U	1.0	0.11	ug/L			10/01/11 15:03	1
1,1,1,2-Tetrachloroethane	1.0	U *	1.0	0.18	ug/L			10/01/11 15:03	1
Tetrachloroethene	5.0		1.0	0.29	ug/L			10/01/11 15:03	1
Toluene	1.0	U	1.0	0.13	ug/L			10/01/11 15:03	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			10/01/11 15:03	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			10/01/11 15:03	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			10/01/11 15:03	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			10/01/11 15:03	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			10/01/11 15:03	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			10/01/11 15:03	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.67	ug/L			10/01/11 15:03	1
1,2-Dibromoethane	1.0	U	1.0	0.24	ug/L			10/01/11 15:03	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			10/01/11 15:03	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			10/01/11 15:03	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			10/01/11 15:03	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			10/01/11 15:03	1
Methyl acetate	10	U	10	0.38	ug/L			10/01/11 15:03	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			10/01/11 15:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			10/01/11 15:03	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			10/01/11 15:03	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			10/01/11 15:03	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			10/01/11 15:03	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			10/01/11 15:03	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			10/01/11 15:03	1
Dibromochloromethane	1.0	U	1.0	0.18	ug/L			10/01/11 15:03	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			10/01/11 15:03	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

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

<i>Surrogate</i>	<i>% Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	101		63 - 129		10/01/11 15:03	1
4-Bromofluorobenzene (Surr)	95		66 - 117		10/01/11 15:03	1
Toluene-d8 (Surr)	112		74 - 115		10/01/11 15:03	1
Dibromofluoromethane (Surr)	86		75 - 121		10/01/11 15:03	1

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Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: GW-17360-092211-EM-022

Lab Sample ID: 240-4200-22

Date Collected: 09/22/11 19:30

Matrix: Water

Date Received: 09/24/11 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	2.3	J B	10	1.1	ug/L			10/01/11 15:26	1
Benzene	1.0	U	1.0	0.13	ug/L			10/01/11 15:26	1
Bromodichloromethane	1.0	U	1.0	0.15	ug/L			10/01/11 15:26	1
Bromoform	1.0	U	1.0	0.64	ug/L			10/01/11 15:26	1
Bromomethane	1.0	U	1.0	0.41	ug/L			10/01/11 15:26	1
2-Butanone (MEK)	10	U *	10	0.57	ug/L			10/01/11 15:26	1
Carbon disulfide	5.0	U	5.0	0.13	ug/L			10/01/11 15:26	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			10/01/11 15:26	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			10/01/11 15:26	1
Chloroethane	1.0	U	1.0	0.29	ug/L			10/01/11 15:26	1
Chloroform	1.0	U	1.0	0.16	ug/L			10/01/11 15:26	1
Chloromethane	1.0	U	1.0	0.30	ug/L			10/01/11 15:26	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			10/01/11 15:26	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			10/01/11 15:26	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			10/01/11 15:26	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			10/01/11 15:26	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			10/01/11 15:26	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			10/01/11 15:26	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			10/01/11 15:26	1
2-Hexanone	10	U	10	0.41	ug/L			10/01/11 15:26	1
Methylene Chloride	5.0	U	5.0	0.33	ug/L			10/01/11 15:26	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			10/01/11 15:26	1
Styrene	1.0	U	1.0	0.11	ug/L			10/01/11 15:26	1
1,1,1,2-Tetrachloroethane	1.0	U *	1.0	0.18	ug/L			10/01/11 15:26	1
Tetrachloroethene	1.3		1.0	0.29	ug/L			10/01/11 15:26	1
Toluene	1.0	U	1.0	0.13	ug/L			10/01/11 15:26	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			10/01/11 15:26	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			10/01/11 15:26	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			10/01/11 15:26	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			10/01/11 15:26	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			10/01/11 15:26	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			10/01/11 15:26	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.67	ug/L			10/01/11 15:26	1
1,2-Dibromoethane	1.0	U	1.0	0.24	ug/L			10/01/11 15:26	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			10/01/11 15:26	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			10/01/11 15:26	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			10/01/11 15:26	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			10/01/11 15:26	1
Methyl acetate	10	U	10	0.38	ug/L			10/01/11 15:26	1
Methyl tert-butyl ether	0.32	J	5.0	0.17	ug/L			10/01/11 15:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			10/01/11 15:26	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			10/01/11 15:26	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			10/01/11 15:26	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			10/01/11 15:26	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			10/01/11 15:26	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			10/01/11 15:26	1
Dibromochloromethane	1.0	U	1.0	0.18	ug/L			10/01/11 15:26	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			10/01/11 15:26	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

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

<i>Surrogate</i>	<i>% Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	102		63 - 129		10/01/11 15:26	1
4-Bromofluorobenzene (Surr)	96		66 - 117		10/01/11 15:26	1
Toluene-d8 (Surr)	113		74 - 115		10/01/11 15:26	1
Dibromofluoromethane (Surr)	86		75 - 121		10/01/11 15:26	1

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Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: GW-17360-092311-EM-023

Date Collected: 09/23/11 08:40

Date Received: 09/24/11 09:30

Lab Sample ID: 240-4200-23

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.1	J B	10	1.1	ug/L			10/01/11 15:48	1
Benzene	1.0	U	1.0	0.13	ug/L			10/01/11 15:48	1
Bromodichloromethane	1.0	U	1.0	0.15	ug/L			10/01/11 15:48	1
Bromoform	1.0	U	1.0	0.64	ug/L			10/01/11 15:48	1
Bromomethane	1.0	U	1.0	0.41	ug/L			10/01/11 15:48	1
2-Butanone (MEK)	10	U *	10	0.57	ug/L			10/01/11 15:48	1
Carbon disulfide	5.0	U	5.0	0.13	ug/L			10/01/11 15:48	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			10/01/11 15:48	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			10/01/11 15:48	1
Chloroethane	1.0	U	1.0	0.29	ug/L			10/01/11 15:48	1
Chloroform	1.0	U	1.0	0.16	ug/L			10/01/11 15:48	1
Chloromethane	1.0	U	1.0	0.30	ug/L			10/01/11 15:48	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			10/01/11 15:48	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			10/01/11 15:48	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			10/01/11 15:48	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			10/01/11 15:48	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			10/01/11 15:48	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			10/01/11 15:48	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			10/01/11 15:48	1
2-Hexanone	10	U	10	0.41	ug/L			10/01/11 15:48	1
Methylene Chloride	5.0	U	5.0	0.33	ug/L			10/01/11 15:48	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			10/01/11 15:48	1
Styrene	1.0	U	1.0	0.11	ug/L			10/01/11 15:48	1
1,1,1,2-Tetrachloroethane	1.0	U *	1.0	0.18	ug/L			10/01/11 15:48	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			10/01/11 15:48	1
Toluene	1.0	U	1.0	0.13	ug/L			10/01/11 15:48	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			10/01/11 15:48	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			10/01/11 15:48	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			10/01/11 15:48	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			10/01/11 15:48	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			10/01/11 15:48	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			10/01/11 15:48	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.67	ug/L			10/01/11 15:48	1
1,2-Dibromoethane	1.0	U	1.0	0.24	ug/L			10/01/11 15:48	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			10/01/11 15:48	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			10/01/11 15:48	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			10/01/11 15:48	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			10/01/11 15:48	1
Methyl acetate	10	U	10	0.38	ug/L			10/01/11 15:48	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			10/01/11 15:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			10/01/11 15:48	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			10/01/11 15:48	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			10/01/11 15:48	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			10/01/11 15:48	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			10/01/11 15:48	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			10/01/11 15:48	1
Dibromochloromethane	1.0	U	1.0	0.18	ug/L			10/01/11 15:48	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			10/01/11 15:48	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

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

<i>Surrogate</i>	<i>% Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	100		63 - 129		10/01/11 15:48	1
4-Bromofluorobenzene (Surr)	94		66 - 117		10/01/11 15:48	1
Toluene-d8 (Surr)	116	X	74 - 115		10/01/11 15:48	1
Dibromofluoromethane (Surr)	87		75 - 121		10/01/11 15:48	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: GW-17360-092311-EM-024

Lab Sample ID: 240-4200-24

Date Collected: 09/23/11 09:05

Matrix: Water

Date Received: 09/24/11 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			10/01/11 16:10	1
Benzene	1.0	U	1.0	0.13	ug/L			10/01/11 16:10	1
Bromodichloromethane	1.0	U	1.0	0.15	ug/L			10/01/11 16:10	1
Bromoform	1.0	U	1.0	0.64	ug/L			10/01/11 16:10	1
Bromomethane	1.0	U	1.0	0.41	ug/L			10/01/11 16:10	1
2-Butanone (MEK)	10	U*	10	0.57	ug/L			10/01/11 16:10	1
Carbon disulfide	5.0	U	5.0	0.13	ug/L			10/01/11 16:10	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			10/01/11 16:10	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			10/01/11 16:10	1
Chloroethane	1.0	U	1.0	0.29	ug/L			10/01/11 16:10	1
Chloroform	0.26	J	1.0	0.16	ug/L			10/01/11 16:10	1
Chloromethane	1.0	U	1.0	0.30	ug/L			10/01/11 16:10	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			10/01/11 16:10	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			10/01/11 16:10	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			10/01/11 16:10	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			10/01/11 16:10	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			10/01/11 16:10	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			10/01/11 16:10	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			10/01/11 16:10	1
2-Hexanone	10	U	10	0.41	ug/L			10/01/11 16:10	1
Methylene Chloride	5.0	U	5.0	0.33	ug/L			10/01/11 16:10	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			10/01/11 16:10	1
Styrene	1.0	U	1.0	0.11	ug/L			10/01/11 16:10	1
1,1,1,2-Tetrachloroethane	1.0	U*	1.0	0.18	ug/L			10/01/11 16:10	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			10/01/11 16:10	1
Toluene	1.0	U	1.0	0.13	ug/L			10/01/11 16:10	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			10/01/11 16:10	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			10/01/11 16:10	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			10/01/11 16:10	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			10/01/11 16:10	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			10/01/11 16:10	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			10/01/11 16:10	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.67	ug/L			10/01/11 16:10	1
1,2-Dibromoethane	1.0	U	1.0	0.24	ug/L			10/01/11 16:10	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			10/01/11 16:10	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			10/01/11 16:10	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			10/01/11 16:10	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			10/01/11 16:10	1
Methyl acetate	10	U	10	0.38	ug/L			10/01/11 16:10	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			10/01/11 16:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			10/01/11 16:10	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			10/01/11 16:10	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			10/01/11 16:10	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			10/01/11 16:10	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			10/01/11 16:10	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			10/01/11 16:10	1
Dibromochloromethane	1.0	U	1.0	0.18	ug/L			10/01/11 16:10	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			10/01/11 16:10	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

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

<i>Surrogate</i>	<i>% Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	100		63 - 129		10/01/11 16:10	1
4-Bromofluorobenzene (Surr)	91		66 - 117		10/01/11 16:10	1
Toluene-d8 (Surr)	112		74 - 115		10/01/11 16:10	1
Dibromofluoromethane (Surr)	84		75 - 121		10/01/11 16:10	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: GW-17360-092311-EM-025

Date Collected: 09/23/11 09:55

Date Received: 09/24/11 09:30

Lab Sample ID: 240-4200-25

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	2.3	J B	10	1.1	ug/L			10/01/11 16:33	1
Benzene	1.0	U	1.0	0.13	ug/L			10/01/11 16:33	1
Bromodichloromethane	1.0	U	1.0	0.15	ug/L			10/01/11 16:33	1
Bromoform	1.0	U	1.0	0.64	ug/L			10/01/11 16:33	1
Bromomethane	1.0	U	1.0	0.41	ug/L			10/01/11 16:33	1
2-Butanone (MEK)	10	U *	10	0.57	ug/L			10/01/11 16:33	1
Carbon disulfide	5.0	U	5.0	0.13	ug/L			10/01/11 16:33	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			10/01/11 16:33	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			10/01/11 16:33	1
Chloroethane	1.0	U	1.0	0.29	ug/L			10/01/11 16:33	1
Chloroform	1.0	U	1.0	0.16	ug/L			10/01/11 16:33	1
Chloromethane	1.0	U	1.0	0.30	ug/L			10/01/11 16:33	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			10/01/11 16:33	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			10/01/11 16:33	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			10/01/11 16:33	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			10/01/11 16:33	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			10/01/11 16:33	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			10/01/11 16:33	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			10/01/11 16:33	1
2-Hexanone	10	U	10	0.41	ug/L			10/01/11 16:33	1
Methylene Chloride	5.0	U	5.0	0.33	ug/L			10/01/11 16:33	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			10/01/11 16:33	1
Styrene	1.0	U	1.0	0.11	ug/L			10/01/11 16:33	1
1,1,1,2-Tetrachloroethane	1.0	U *	1.0	0.18	ug/L			10/01/11 16:33	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			10/01/11 16:33	1
Toluene	1.0	U	1.0	0.13	ug/L			10/01/11 16:33	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			10/01/11 16:33	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			10/01/11 16:33	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			10/01/11 16:33	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			10/01/11 16:33	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			10/01/11 16:33	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			10/01/11 16:33	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.67	ug/L			10/01/11 16:33	1
1,2-Dibromoethane	1.0	U	1.0	0.24	ug/L			10/01/11 16:33	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			10/01/11 16:33	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			10/01/11 16:33	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			10/01/11 16:33	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			10/01/11 16:33	1
Methyl acetate	10	U	10	0.38	ug/L			10/01/11 16:33	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			10/01/11 16:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			10/01/11 16:33	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			10/01/11 16:33	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			10/01/11 16:33	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			10/01/11 16:33	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			10/01/11 16:33	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			10/01/11 16:33	1
Dibromochloromethane	1.0	U	1.0	0.18	ug/L			10/01/11 16:33	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			10/01/11 16:33	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

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

<i>Surrogate</i>	<i>% Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	102		63 - 129		10/01/11 16:33	1
4-Bromofluorobenzene (Surr)	93		66 - 117		10/01/11 16:33	1
Toluene-d8 (Surr)	113		74 - 115		10/01/11 16:33	1
Dibromofluoromethane (Surr)	87		75 - 121		10/01/11 16:33	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: GW-17360-092311-EM-026

Lab Sample ID: 240-4200-26

Date Collected: 09/23/11 10:55

Matrix: Water

Date Received: 09/24/11 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.7	J B	17	1.8	ug/L			10/01/11 16:55	1.67
Benzene	1.7	U	1.7	0.22	ug/L			10/01/11 16:55	1.67
Bromodichloromethane	1.7	U	1.7	0.25	ug/L			10/01/11 16:55	1.67
Bromoform	1.7	U	1.7	1.1	ug/L			10/01/11 16:55	1.67
Bromomethane	1.7	U	1.7	0.68	ug/L			10/01/11 16:55	1.67
2-Butanone (MEK)	17	U *	17	0.95	ug/L			10/01/11 16:55	1.67
Carbon disulfide	8.4	U	8.4	0.22	ug/L			10/01/11 16:55	1.67
Carbon tetrachloride	1.7	U	1.7	0.22	ug/L			10/01/11 16:55	1.67
Chlorobenzene	1.7	U	1.7	0.25	ug/L			10/01/11 16:55	1.67
Chloroethane	1.7	U	1.7	0.48	ug/L			10/01/11 16:55	1.67
Chloroform	1.7	U	1.7	0.27	ug/L			10/01/11 16:55	1.67
Chloromethane	1.7	U	1.7	0.50	ug/L			10/01/11 16:55	1.67
1,1-Dichloroethane	1.7	U	1.7	0.25	ug/L			10/01/11 16:55	1.67
1,2-Dichloroethane	1.7	U	1.7	0.37	ug/L			10/01/11 16:55	1.67
1,1-Dichloroethene	1.7	U	1.7	0.32	ug/L			10/01/11 16:55	1.67
1,2-Dichloropropane	1.7	U	1.7	0.30	ug/L			10/01/11 16:55	1.67
cis-1,3-Dichloropropene	1.7	U	1.7	0.23	ug/L			10/01/11 16:55	1.67
trans-1,3-Dichloropropene	1.7	U	1.7	0.32	ug/L			10/01/11 16:55	1.67
Ethylbenzene	1.7	U	1.7	0.28	ug/L			10/01/11 16:55	1.67
2-Hexanone	17	U	17	0.68	ug/L			10/01/11 16:55	1.67
Methylene Chloride	8.4	U	8.4	0.55	ug/L			10/01/11 16:55	1.67
4-Methyl-2-pentanone (MIBK)	17	U	17	0.53	ug/L			10/01/11 16:55	1.67
Styrene	1.7	U	1.7	0.18	ug/L			10/01/11 16:55	1.67
1,1,1,2-Tetrachloroethane	1.7	U *	1.7	0.30	ug/L			10/01/11 16:55	1.67
Tetrachloroethene	19		1.7	0.48	ug/L			10/01/11 16:55	1.67
Toluene	1.7	U	1.7	0.22	ug/L			10/01/11 16:55	1.67
Trichloroethene	3.2		1.7	0.28	ug/L			10/01/11 16:55	1.67
Vinyl chloride	1.7	U	1.7	0.37	ug/L			10/01/11 16:55	1.67
Xylenes, Total	3.3	U	3.3	0.47	ug/L			10/01/11 16:55	1.67
1,1,1-Trichloroethane	1.7	U	1.7	0.37	ug/L			10/01/11 16:55	1.67
1,1,2-Trichloroethane	1.7	U	1.7	0.45	ug/L			10/01/11 16:55	1.67
Cyclohexane	1.7	U	1.7	0.20	ug/L			10/01/11 16:55	1.67
1,2-Dibromo-3-Chloropropane	1.7	U	1.7	1.1	ug/L			10/01/11 16:55	1.67
1,2-Dibromoethane	1.7	U	1.7	0.40	ug/L			10/01/11 16:55	1.67
Dichlorodifluoromethane	1.7	U	1.7	0.52	ug/L			10/01/11 16:55	1.67
cis-1,2-Dichloroethene	31		1.7	0.28	ug/L			10/01/11 16:55	1.67
trans-1,2-Dichloroethene	0.62	J	1.7	0.32	ug/L			10/01/11 16:55	1.67
Isopropylbenzene	1.7	U	1.7	0.22	ug/L			10/01/11 16:55	1.67
Methyl acetate	17	U	17	0.63	ug/L			10/01/11 16:55	1.67
Methyl tert-butyl ether	8.4	U	8.4	0.28	ug/L			10/01/11 16:55	1.67
1,1,2-Trichloro-1,2,2-trifluoroethane	1.7	U	1.7	0.47	ug/L			10/01/11 16:55	1.67
1,2,4-Trichlorobenzene	1.7	U	1.7	0.25	ug/L			10/01/11 16:55	1.67
1,2-Dichlorobenzene	1.7	U	1.7	0.22	ug/L			10/01/11 16:55	1.67
1,3-Dichlorobenzene	1.7	U	1.7	0.23	ug/L			10/01/11 16:55	1.67
1,4-Dichlorobenzene	1.7	U	1.7	0.22	ug/L			10/01/11 16:55	1.67
Trichlorofluoromethane	1.7	U	1.7	0.35	ug/L			10/01/11 16:55	1.67
Dibromochloromethane	1.7	U	1.7	0.30	ug/L			10/01/11 16:55	1.67
Methylcyclohexane	1.7	U	1.7	0.22	ug/L			10/01/11 16:55	1.67

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

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

<i>Surrogate</i>	<i>% Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	103		63 - 129		10/01/11 16:55	1.67
4-Bromofluorobenzene (Surr)	93		66 - 117		10/01/11 16:55	1.67
Toluene-d8 (Surr)	112		74 - 115		10/01/11 16:55	1.67
Dibromofluoromethane (Surr)	87		75 - 121		10/01/11 16:55	1.67

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: GW-17360-092311-EM-027

Lab Sample ID: 240-4200-27

Date Collected: 09/23/11 12:30

Matrix: Water

Date Received: 09/24/11 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	2.0	J B	10	1.1	ug/L			10/01/11 17:17	1
Benzene	1.0	U	1.0	0.13	ug/L			10/01/11 17:17	1
Bromodichloromethane	1.0	U	1.0	0.15	ug/L			10/01/11 17:17	1
Bromoform	1.0	U	1.0	0.64	ug/L			10/01/11 17:17	1
Bromomethane	1.0	U	1.0	0.41	ug/L			10/01/11 17:17	1
2-Butanone (MEK)	10	U *	10	0.57	ug/L			10/01/11 17:17	1
Carbon disulfide	5.0	U	5.0	0.13	ug/L			10/01/11 17:17	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			10/01/11 17:17	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			10/01/11 17:17	1
Chloroethane	1.0	U	1.0	0.29	ug/L			10/01/11 17:17	1
Chloroform	0.27	J	1.0	0.16	ug/L			10/01/11 17:17	1
Chloromethane	1.0	U	1.0	0.30	ug/L			10/01/11 17:17	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			10/01/11 17:17	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			10/01/11 17:17	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			10/01/11 17:17	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			10/01/11 17:17	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			10/01/11 17:17	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			10/01/11 17:17	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			10/01/11 17:17	1
2-Hexanone	10	U	10	0.41	ug/L			10/01/11 17:17	1
Methylene Chloride	5.0	U	5.0	0.33	ug/L			10/01/11 17:17	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			10/01/11 17:17	1
Styrene	1.0	U	1.0	0.11	ug/L			10/01/11 17:17	1
1,1,1,2-Tetrachloroethane	1.0	U *	1.0	0.18	ug/L			10/01/11 17:17	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			10/01/11 17:17	1
Toluene	1.0	U	1.0	0.13	ug/L			10/01/11 17:17	1
Trichloroethene	1.2		1.0	0.17	ug/L			10/01/11 17:17	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			10/01/11 17:17	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			10/01/11 17:17	1
1,1,1-Trichloroethane	4.5		1.0	0.22	ug/L			10/01/11 17:17	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			10/01/11 17:17	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			10/01/11 17:17	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.67	ug/L			10/01/11 17:17	1
1,2-Dibromoethane	1.0	U	1.0	0.24	ug/L			10/01/11 17:17	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			10/01/11 17:17	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			10/01/11 17:17	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			10/01/11 17:17	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			10/01/11 17:17	1
Methyl acetate	10	U	10	0.38	ug/L			10/01/11 17:17	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			10/01/11 17:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			10/01/11 17:17	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			10/01/11 17:17	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			10/01/11 17:17	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			10/01/11 17:17	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			10/01/11 17:17	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			10/01/11 17:17	1
Dibromochloromethane	1.0	U	1.0	0.18	ug/L			10/01/11 17:17	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			10/01/11 17:17	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

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

<i>Surrogate</i>	<i>% Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	102		63 - 129		10/01/11 17:17	1
4-Bromofluorobenzene (Surr)	93		66 - 117		10/01/11 17:17	1
Toluene-d8 (Surr)	112		74 - 115		10/01/11 17:17	1
Dibromofluoromethane (Surr)	86		75 - 121		10/01/11 17:17	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: GW-17360-092311-EM-028

Date Collected: 09/23/11 13:10

Date Received: 09/24/11 09:30

Lab Sample ID: 240-4200-28

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	2.8	J B	10	1.1	ug/L			10/01/11 17:39	1
Benzene	1.0	U	1.0	0.13	ug/L			10/01/11 17:39	1
Bromodichloromethane	1.0	U	1.0	0.15	ug/L			10/01/11 17:39	1
Bromoform	1.0	U	1.0	0.64	ug/L			10/01/11 17:39	1
Bromomethane	1.0	U	1.0	0.41	ug/L			10/01/11 17:39	1
2-Butanone (MEK)	10	U *	10	0.57	ug/L			10/01/11 17:39	1
Carbon disulfide	5.0	U	5.0	0.13	ug/L			10/01/11 17:39	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			10/01/11 17:39	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			10/01/11 17:39	1
Chloroethane	1.0	U	1.0	0.29	ug/L			10/01/11 17:39	1
Chloroform	1.0	U	1.0	0.16	ug/L			10/01/11 17:39	1
Chloromethane	1.0	U	1.0	0.30	ug/L			10/01/11 17:39	1
1,1-Dichloroethane	1.3		1.0	0.15	ug/L			10/01/11 17:39	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			10/01/11 17:39	1
1,1-Dichloroethene	0.28	J	1.0	0.19	ug/L			10/01/11 17:39	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			10/01/11 17:39	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			10/01/11 17:39	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			10/01/11 17:39	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			10/01/11 17:39	1
2-Hexanone	10	U	10	0.41	ug/L			10/01/11 17:39	1
Methylene Chloride	5.0	U	5.0	0.33	ug/L			10/01/11 17:39	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			10/01/11 17:39	1
Styrene	1.0	U	1.0	0.11	ug/L			10/01/11 17:39	1
1,1,1,2-Tetrachloroethane	1.0	U *	1.0	0.18	ug/L			10/01/11 17:39	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			10/01/11 17:39	1
Toluene	0.19	J	1.0	0.13	ug/L			10/01/11 17:39	1
Trichloroethene	1.0		1.0	0.17	ug/L			10/01/11 17:39	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			10/01/11 17:39	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			10/01/11 17:39	1
1,1,1-Trichloroethane	5.5		1.0	0.22	ug/L			10/01/11 17:39	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			10/01/11 17:39	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			10/01/11 17:39	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.67	ug/L			10/01/11 17:39	1
1,2-Dibromoethane	1.0	U	1.0	0.24	ug/L			10/01/11 17:39	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			10/01/11 17:39	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			10/01/11 17:39	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			10/01/11 17:39	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			10/01/11 17:39	1
Methyl acetate	10	U	10	0.38	ug/L			10/01/11 17:39	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			10/01/11 17:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			10/01/11 17:39	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			10/01/11 17:39	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			10/01/11 17:39	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			10/01/11 17:39	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			10/01/11 17:39	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			10/01/11 17:39	1
Dibromochloromethane	1.0	U	1.0	0.18	ug/L			10/01/11 17:39	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			10/01/11 17:39	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

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

<i>Surrogate</i>	<i>% Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	104		63 - 129		10/01/11 17:39	1
4-Bromofluorobenzene (Surr)	93		66 - 117		10/01/11 17:39	1
Toluene-d8 (Surr)	113		74 - 115		10/01/11 17:39	1
Dibromofluoromethane (Surr)	88		75 - 121		10/01/11 17:39	1



Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: GW-17360-092311-EM-029

Lab Sample ID: 240-4200-29

Date Collected: 09/23/11 10:45

Matrix: Water

Date Received: 09/24/11 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			10/01/11 18:02	1
Benzene	1.0	U	1.0	0.13	ug/L			10/01/11 18:02	1
Bromodichloromethane	1.0	U	1.0	0.15	ug/L			10/01/11 18:02	1
Bromoform	1.0	U	1.0	0.64	ug/L			10/01/11 18:02	1
Bromomethane	1.0	U	1.0	0.41	ug/L			10/01/11 18:02	1
2-Butanone (MEK)	10	U*	10	0.57	ug/L			10/01/11 18:02	1
Carbon disulfide	5.0	U	5.0	0.13	ug/L			10/01/11 18:02	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			10/01/11 18:02	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			10/01/11 18:02	1
Chloroethane	1.0	U	1.0	0.29	ug/L			10/01/11 18:02	1
Chloroform	1.0	U	1.0	0.16	ug/L			10/01/11 18:02	1
Chloromethane	1.0	U	1.0	0.30	ug/L			10/01/11 18:02	1
1,1-Dichloroethane	0.49	J	1.0	0.15	ug/L			10/01/11 18:02	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			10/01/11 18:02	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			10/01/11 18:02	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			10/01/11 18:02	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			10/01/11 18:02	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			10/01/11 18:02	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			10/01/11 18:02	1
2-Hexanone	10	U	10	0.41	ug/L			10/01/11 18:02	1
Methylene Chloride	5.0	U	5.0	0.33	ug/L			10/01/11 18:02	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			10/01/11 18:02	1
Styrene	1.0	U	1.0	0.11	ug/L			10/01/11 18:02	1
1,1,1,2-Tetrachloroethane	1.0	U*	1.0	0.18	ug/L			10/01/11 18:02	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			10/01/11 18:02	1
Toluene	1.0	U	1.0	0.13	ug/L			10/01/11 18:02	1
Trichloroethene	1.7		1.0	0.17	ug/L			10/01/11 18:02	1
Vinyl chloride	0.23	J	1.0	0.22	ug/L			10/01/11 18:02	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			10/01/11 18:02	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			10/01/11 18:02	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			10/01/11 18:02	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			10/01/11 18:02	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.67	ug/L			10/01/11 18:02	1
1,2-Dibromoethane	1.0	U	1.0	0.24	ug/L			10/01/11 18:02	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			10/01/11 18:02	1
cis-1,2-Dichloroethene	0.39	J	1.0	0.17	ug/L			10/01/11 18:02	1
trans-1,2-Dichloroethene	1.1		1.0	0.19	ug/L			10/01/11 18:02	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			10/01/11 18:02	1
Methyl acetate	10	U	10	0.38	ug/L			10/01/11 18:02	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			10/01/11 18:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			10/01/11 18:02	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			10/01/11 18:02	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			10/01/11 18:02	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			10/01/11 18:02	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			10/01/11 18:02	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			10/01/11 18:02	1
Dibromochloromethane	1.0	U	1.0	0.18	ug/L			10/01/11 18:02	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			10/01/11 18:02	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

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

<i>Surrogate</i>	<i>% Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	102		63 - 129		10/01/11 18:02	1
4-Bromofluorobenzene (Surr)	93		66 - 117		10/01/11 18:02	1
Toluene-d8 (Surr)	113		74 - 115		10/01/11 18:02	1
Dibromofluoromethane (Surr)	85		75 - 121		10/01/11 18:02	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: GW-17360-092311-EM-030

Lab Sample ID: 240-4200-30

Date Collected: 09/23/11 08:45

Matrix: Water

Date Received: 09/24/11 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	2.4	J B	10	1.1	ug/L			10/01/11 18:24	1
Benzene	1.0	U	1.0	0.13	ug/L			10/01/11 18:24	1
Bromodichloromethane	1.0	U	1.0	0.15	ug/L			10/01/11 18:24	1
Bromoform	1.0	U	1.0	0.64	ug/L			10/01/11 18:24	1
Bromomethane	1.0	U	1.0	0.41	ug/L			10/01/11 18:24	1
2-Butanone (MEK)	10	U *	10	0.57	ug/L			10/01/11 18:24	1
Carbon disulfide	5.0	U	5.0	0.13	ug/L			10/01/11 18:24	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			10/01/11 18:24	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			10/01/11 18:24	1
Chloroethane	1.0	U	1.0	0.29	ug/L			10/01/11 18:24	1
Chloroform	0.22	J	1.0	0.16	ug/L			10/01/11 18:24	1
Chloromethane	1.0	U	1.0	0.30	ug/L			10/01/11 18:24	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			10/01/11 18:24	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			10/01/11 18:24	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			10/01/11 18:24	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			10/01/11 18:24	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			10/01/11 18:24	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			10/01/11 18:24	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			10/01/11 18:24	1
2-Hexanone	10	U	10	0.41	ug/L			10/01/11 18:24	1
Methylene Chloride	5.0	U	5.0	0.33	ug/L			10/01/11 18:24	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			10/01/11 18:24	1
Styrene	1.0	U	1.0	0.11	ug/L			10/01/11 18:24	1
1,1,1,2-Tetrachloroethane	1.0	U *	1.0	0.18	ug/L			10/01/11 18:24	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			10/01/11 18:24	1
Toluene	1.0	U	1.0	0.13	ug/L			10/01/11 18:24	1
Trichloroethene	3.4		1.0	0.17	ug/L			10/01/11 18:24	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			10/01/11 18:24	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			10/01/11 18:24	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			10/01/11 18:24	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			10/01/11 18:24	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			10/01/11 18:24	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.67	ug/L			10/01/11 18:24	1
1,2-Dibromoethane	1.0	U	1.0	0.24	ug/L			10/01/11 18:24	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			10/01/11 18:24	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			10/01/11 18:24	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			10/01/11 18:24	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			10/01/11 18:24	1
Methyl acetate	10	U	10	0.38	ug/L			10/01/11 18:24	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			10/01/11 18:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			10/01/11 18:24	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			10/01/11 18:24	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			10/01/11 18:24	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			10/01/11 18:24	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			10/01/11 18:24	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			10/01/11 18:24	1
Dibromochloromethane	1.0	U	1.0	0.18	ug/L			10/01/11 18:24	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			10/01/11 18:24	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

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

<i>Surrogate</i>	<i>% Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	104		63 - 129		10/01/11 18:24	1
4-Bromofluorobenzene (Surr)	93		66 - 117		10/01/11 18:24	1
Toluene-d8 (Surr)	112		74 - 115		10/01/11 18:24	1
Dibromofluoromethane (Surr)	84		75 - 121		10/01/11 18:24	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: GW-17360-092311-EM-031

Lab Sample ID: 240-4200-31

Date Collected: 09/23/11 09:55

Matrix: Water

Date Received: 09/24/11 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			10/03/11 17:26	1
Benzene	1.0	U	1.0	0.13	ug/L			10/03/11 17:26	1
Bromodichloromethane	1.0	U	1.0	0.15	ug/L			10/03/11 17:26	1
Bromoform	1.0	U	1.0	0.64	ug/L			10/03/11 17:26	1
Bromomethane	1.0	U	1.0	0.41	ug/L			10/03/11 17:26	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			10/03/11 17:26	1
Carbon disulfide	5.0	U	5.0	0.13	ug/L			10/03/11 17:26	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			10/03/11 17:26	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			10/03/11 17:26	1
Chloroethane	1.0	U	1.0	0.29	ug/L			10/03/11 17:26	1
Chloroform	1.2		1.0	0.16	ug/L			10/03/11 17:26	1
Chloromethane	1.0	U	1.0	0.30	ug/L			10/03/11 17:26	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			10/03/11 17:26	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			10/03/11 17:26	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			10/03/11 17:26	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			10/03/11 17:26	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			10/03/11 17:26	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			10/03/11 17:26	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			10/03/11 17:26	1
2-Hexanone	10	U	10	0.41	ug/L			10/03/11 17:26	1
Methylene Chloride	5.0	U	5.0	0.33	ug/L			10/03/11 17:26	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			10/03/11 17:26	1
Styrene	1.0	U	1.0	0.11	ug/L			10/03/11 17:26	1
1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			10/03/11 17:26	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			10/03/11 17:26	1
Toluene	1.0	U	1.0	0.13	ug/L			10/03/11 17:26	1
Trichloroethene	3.8		1.0	0.17	ug/L			10/03/11 17:26	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			10/03/11 17:26	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			10/03/11 17:26	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			10/03/11 17:26	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			10/03/11 17:26	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			10/03/11 17:26	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.67	ug/L			10/03/11 17:26	1
1,2-Dibromoethane	1.0	U	1.0	0.24	ug/L			10/03/11 17:26	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			10/03/11 17:26	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			10/03/11 17:26	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			10/03/11 17:26	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			10/03/11 17:26	1
Methyl acetate	10	U	10	0.38	ug/L			10/03/11 17:26	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			10/03/11 17:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			10/03/11 17:26	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			10/03/11 17:26	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			10/03/11 17:26	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			10/03/11 17:26	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			10/03/11 17:26	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			10/03/11 17:26	1
Dibromochloromethane	1.0	U	1.0	0.18	ug/L			10/03/11 17:26	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			10/03/11 17:26	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

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

<i>Surrogate</i>	<i>% Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	103		63 - 129		10/03/11 17:26	1
4-Bromofluorobenzene (Surr)	89		66 - 117		10/03/11 17:26	1
Toluene-d8 (Surr)	96		74 - 115		10/03/11 17:26	1
Dibromofluoromethane (Surr)	121		75 - 121		10/03/11 17:26	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: GW-17360-092311-EM-032

Date Collected: 09/23/11 13:50

Date Received: 09/24/11 09:30

Lab Sample ID: 240-4200-32

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.0	J B	10	1.1	ug/L			10/01/11 19:08	1
Benzene	1.0	U	1.0	0.13	ug/L			10/01/11 19:08	1
Bromodichloromethane	1.0	U	1.0	0.15	ug/L			10/01/11 19:08	1
Bromoform	1.0	U	1.0	0.64	ug/L			10/01/11 19:08	1
Bromomethane	1.0	U	1.0	0.41	ug/L			10/01/11 19:08	1
2-Butanone (MEK)	10	U *	10	0.57	ug/L			10/01/11 19:08	1
Carbon disulfide	5.0	U	5.0	0.13	ug/L			10/01/11 19:08	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			10/01/11 19:08	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			10/01/11 19:08	1
Chloroethane	1.0	U	1.0	0.29	ug/L			10/01/11 19:08	1
Chloroform	1.0	U	1.0	0.16	ug/L			10/01/11 19:08	1
Chloromethane	1.0	U	1.0	0.30	ug/L			10/01/11 19:08	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			10/01/11 19:08	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			10/01/11 19:08	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			10/01/11 19:08	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			10/01/11 19:08	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			10/01/11 19:08	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			10/01/11 19:08	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			10/01/11 19:08	1
2-Hexanone	10	U	10	0.41	ug/L			10/01/11 19:08	1
Methylene Chloride	5.0	U	5.0	0.33	ug/L			10/01/11 19:08	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			10/01/11 19:08	1
Styrene	1.0	U	1.0	0.11	ug/L			10/01/11 19:08	1
1,1,2,2-Tetrachloroethane	1.0	U *	1.0	0.18	ug/L			10/01/11 19:08	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			10/01/11 19:08	1
Toluene	1.0	U	1.0	0.13	ug/L			10/01/11 19:08	1
Trichloroethene	1.9		1.0	0.17	ug/L			10/01/11 19:08	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			10/01/11 19:08	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			10/01/11 19:08	1
1,1,1-Trichloroethane	1.6		1.0	0.22	ug/L			10/01/11 19:08	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			10/01/11 19:08	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			10/01/11 19:08	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.67	ug/L			10/01/11 19:08	1
1,2-Dibromoethane	1.0	U	1.0	0.24	ug/L			10/01/11 19:08	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			10/01/11 19:08	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			10/01/11 19:08	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			10/01/11 19:08	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			10/01/11 19:08	1
Methyl acetate	10	U	10	0.38	ug/L			10/01/11 19:08	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			10/01/11 19:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			10/01/11 19:08	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			10/01/11 19:08	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			10/01/11 19:08	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			10/01/11 19:08	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			10/01/11 19:08	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			10/01/11 19:08	1
Dibromochloromethane	1.0	U	1.0	0.18	ug/L			10/01/11 19:08	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			10/01/11 19:08	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

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

<i>Surrogate</i>	<i>% Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	103		63 - 129		10/01/11 19:08	1
4-Bromofluorobenzene (Surr)	93		66 - 117		10/01/11 19:08	1
Toluene-d8 (Surr)	113		74 - 115		10/01/11 19:08	1
Dibromofluoromethane (Surr)	86		75 - 121		10/01/11 19:08	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: GW-17360-092311-EM-033

Lab Sample ID: 240-4200-33

Date Collected: 09/23/11 13:55

Matrix: Water

Date Received: 09/24/11 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	2.4	J B	10	1.1	ug/L			10/01/11 19:31	1
Benzene	1.0	U	1.0	0.13	ug/L			10/01/11 19:31	1
Bromodichloromethane	1.0	U	1.0	0.15	ug/L			10/01/11 19:31	1
Bromoform	1.0	U	1.0	0.64	ug/L			10/01/11 19:31	1
Bromomethane	1.0	U	1.0	0.41	ug/L			10/01/11 19:31	1
2-Butanone (MEK)	10	U *	10	0.57	ug/L			10/01/11 19:31	1
Carbon disulfide	5.0	U	5.0	0.13	ug/L			10/01/11 19:31	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			10/01/11 19:31	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			10/01/11 19:31	1
Chloroethane	1.0	U	1.0	0.29	ug/L			10/01/11 19:31	1
Chloroform	1.0	U	1.0	0.16	ug/L			10/01/11 19:31	1
Chloromethane	1.0	U	1.0	0.30	ug/L			10/01/11 19:31	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			10/01/11 19:31	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			10/01/11 19:31	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			10/01/11 19:31	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			10/01/11 19:31	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			10/01/11 19:31	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			10/01/11 19:31	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			10/01/11 19:31	1
2-Hexanone	10	U	10	0.41	ug/L			10/01/11 19:31	1
Methylene Chloride	5.0	U	5.0	0.33	ug/L			10/01/11 19:31	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			10/01/11 19:31	1
Styrene	1.0	U	1.0	0.11	ug/L			10/01/11 19:31	1
1,1,2,2-Tetrachloroethane	1.0	U *	1.0	0.18	ug/L			10/01/11 19:31	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			10/01/11 19:31	1
Toluene	1.0	U	1.0	0.13	ug/L			10/01/11 19:31	1
Trichloroethene	1.8		1.0	0.17	ug/L			10/01/11 19:31	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			10/01/11 19:31	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			10/01/11 19:31	1
1,1,1-Trichloroethane	1.6		1.0	0.22	ug/L			10/01/11 19:31	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			10/01/11 19:31	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			10/01/11 19:31	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.67	ug/L			10/01/11 19:31	1
1,2-Dibromoethane	1.0	U	1.0	0.24	ug/L			10/01/11 19:31	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			10/01/11 19:31	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			10/01/11 19:31	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			10/01/11 19:31	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			10/01/11 19:31	1
Methyl acetate	10	U	10	0.38	ug/L			10/01/11 19:31	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			10/01/11 19:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			10/01/11 19:31	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			10/01/11 19:31	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			10/01/11 19:31	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			10/01/11 19:31	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			10/01/11 19:31	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			10/01/11 19:31	1
Dibromochloromethane	1.0	U	1.0	0.18	ug/L			10/01/11 19:31	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			10/01/11 19:31	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

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

<i>Surrogate</i>	<i>% Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	103		63 - 129		10/01/11 19:31	1
4-Bromofluorobenzene (Surr)	91		66 - 117		10/01/11 19:31	1
Toluene-d8 (Surr)	113		74 - 115		10/01/11 19:31	1
Dibromofluoromethane (Surr)	86		75 - 121		10/01/11 19:31	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: GW-17360-092311-EM-034

Lab Sample ID: 240-4200-34

Date Collected: 09/23/11 11:30

Matrix: Water

Date Received: 09/24/11 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	2.2	J B	10	1.1	ug/L			10/01/11 19:53	1
Benzene	1.0	U	1.0	0.13	ug/L			10/01/11 19:53	1
Bromodichloromethane	1.0	U	1.0	0.15	ug/L			10/01/11 19:53	1
Bromoform	1.0	U	1.0	0.64	ug/L			10/01/11 19:53	1
Bromomethane	1.0	U	1.0	0.41	ug/L			10/01/11 19:53	1
2-Butanone (MEK)	10	U *	10	0.57	ug/L			10/01/11 19:53	1
Carbon disulfide	5.0	U	5.0	0.13	ug/L			10/01/11 19:53	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			10/01/11 19:53	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			10/01/11 19:53	1
Chloroethane	1.0	U	1.0	0.29	ug/L			10/01/11 19:53	1
Chloroform	1.1		1.0	0.16	ug/L			10/01/11 19:53	1
Chloromethane	1.0	U	1.0	0.30	ug/L			10/01/11 19:53	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			10/01/11 19:53	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			10/01/11 19:53	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			10/01/11 19:53	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			10/01/11 19:53	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			10/01/11 19:53	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			10/01/11 19:53	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			10/01/11 19:53	1
2-Hexanone	10	U	10	0.41	ug/L			10/01/11 19:53	1
Methylene Chloride	5.0	U	5.0	0.33	ug/L			10/01/11 19:53	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			10/01/11 19:53	1
Styrene	1.0	U	1.0	0.11	ug/L			10/01/11 19:53	1
1,1,1,2-Tetrachloroethane	1.0	U *	1.0	0.18	ug/L			10/01/11 19:53	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			10/01/11 19:53	1
Toluene	1.0	U	1.0	0.13	ug/L			10/01/11 19:53	1
Trichloroethene	2.3		1.0	0.17	ug/L			10/01/11 19:53	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			10/01/11 19:53	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			10/01/11 19:53	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			10/01/11 19:53	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			10/01/11 19:53	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			10/01/11 19:53	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.67	ug/L			10/01/11 19:53	1
1,2-Dibromoethane	1.0	U	1.0	0.24	ug/L			10/01/11 19:53	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			10/01/11 19:53	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			10/01/11 19:53	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			10/01/11 19:53	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			10/01/11 19:53	1
Methyl acetate	10	U	10	0.38	ug/L			10/01/11 19:53	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			10/01/11 19:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			10/01/11 19:53	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			10/01/11 19:53	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			10/01/11 19:53	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			10/01/11 19:53	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			10/01/11 19:53	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			10/01/11 19:53	1
Dibromochloromethane	1.0	U	1.0	0.18	ug/L			10/01/11 19:53	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			10/01/11 19:53	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

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

<i>Surrogate</i>	<i>% Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	102		63 - 129		10/01/11 19:53	1
4-Bromofluorobenzene (Surr)	92		66 - 117		10/01/11 19:53	1
Toluene-d8 (Surr)	115		74 - 115		10/01/11 19:53	1
Dibromofluoromethane (Surr)	86		75 - 121		10/01/11 19:53	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: GW-17360-092311-EM-035

Date Collected: 09/23/11 13:30

Date Received: 09/24/11 09:30

Lab Sample ID: 240-4200-35

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	6.2	J B	10	1.1	ug/L			10/01/11 20:15	1
Benzene	1.0	U	1.0	0.13	ug/L			10/01/11 20:15	1
Bromodichloromethane	1.0	U	1.0	0.15	ug/L			10/01/11 20:15	1
Bromoform	1.0	U	1.0	0.64	ug/L			10/01/11 20:15	1
Bromomethane	1.0	U	1.0	0.41	ug/L			10/01/11 20:15	1
2-Butanone (MEK)	10	U *	10	0.57	ug/L			10/01/11 20:15	1
Carbon disulfide	5.0	U	5.0	0.13	ug/L			10/01/11 20:15	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			10/01/11 20:15	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			10/01/11 20:15	1
Chloroethane	1.0	U	1.0	0.29	ug/L			10/01/11 20:15	1
Chloroform	1.0	U	1.0	0.16	ug/L			10/01/11 20:15	1
Chloromethane	1.0	U	1.0	0.30	ug/L			10/01/11 20:15	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			10/01/11 20:15	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			10/01/11 20:15	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			10/01/11 20:15	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			10/01/11 20:15	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			10/01/11 20:15	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			10/01/11 20:15	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			10/01/11 20:15	1
2-Hexanone	10	U	10	0.41	ug/L			10/01/11 20:15	1
Methylene Chloride	5.0	U	5.0	0.33	ug/L			10/01/11 20:15	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			10/01/11 20:15	1
Styrene	1.0	U	1.0	0.11	ug/L			10/01/11 20:15	1
1,1,1,2-Tetrachloroethane	1.0	U *	1.0	0.18	ug/L			10/01/11 20:15	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			10/01/11 20:15	1
Toluene	0.70	J	1.0	0.13	ug/L			10/01/11 20:15	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			10/01/11 20:15	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			10/01/11 20:15	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			10/01/11 20:15	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			10/01/11 20:15	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			10/01/11 20:15	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			10/01/11 20:15	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.67	ug/L			10/01/11 20:15	1
1,2-Dibromoethane	1.0	U	1.0	0.24	ug/L			10/01/11 20:15	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			10/01/11 20:15	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			10/01/11 20:15	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			10/01/11 20:15	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			10/01/11 20:15	1
Methyl acetate	10	U	10	0.38	ug/L			10/01/11 20:15	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			10/01/11 20:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			10/01/11 20:15	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			10/01/11 20:15	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			10/01/11 20:15	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			10/01/11 20:15	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			10/01/11 20:15	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			10/01/11 20:15	1
Dibromochloromethane	1.0	U	1.0	0.18	ug/L			10/01/11 20:15	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			10/01/11 20:15	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

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

<i>Surrogate</i>	<i>% Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	102		63 - 129		10/01/11 20:15	1
4-Bromofluorobenzene (Surr)	93		66 - 117		10/01/11 20:15	1
Toluene-d8 (Surr)	112		74 - 115		10/01/11 20:15	1
Dibromofluoromethane (Surr)	85		75 - 121		10/01/11 20:15	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: GW-17360-092311-EM-036

Date Collected: 09/23/11 14:05

Date Received: 09/24/11 09:30

Lab Sample ID: 240-4200-36

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			10/01/11 20:38	1
Benzene	1.0	U	1.0	0.13	ug/L			10/01/11 20:38	1
Bromodichloromethane	1.0	U	1.0	0.15	ug/L			10/01/11 20:38	1
Bromoform	1.0	U	1.0	0.64	ug/L			10/01/11 20:38	1
Bromomethane	1.0	U	1.0	0.41	ug/L			10/01/11 20:38	1
2-Butanone (MEK)	10	U *	10	0.57	ug/L			10/01/11 20:38	1
Carbon disulfide	5.0	U	5.0	0.13	ug/L			10/01/11 20:38	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			10/01/11 20:38	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			10/01/11 20:38	1
Chloroethane	1.0	U	1.0	0.29	ug/L			10/01/11 20:38	1
Chloroform	1.0	U	1.0	0.16	ug/L			10/01/11 20:38	1
Chloromethane	1.0	U	1.0	0.30	ug/L			10/01/11 20:38	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			10/01/11 20:38	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			10/01/11 20:38	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			10/01/11 20:38	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			10/01/11 20:38	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			10/01/11 20:38	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			10/01/11 20:38	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			10/01/11 20:38	1
2-Hexanone	10	U	10	0.41	ug/L			10/01/11 20:38	1
Methylene Chloride	5.0	U	5.0	0.33	ug/L			10/01/11 20:38	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			10/01/11 20:38	1
Styrene	1.0	U	1.0	0.11	ug/L			10/01/11 20:38	1
1,1,2,2-Tetrachloroethane	1.0	U *	1.0	0.18	ug/L			10/01/11 20:38	1
Tetrachloroethene	0.64	J	1.0	0.29	ug/L			10/01/11 20:38	1
Toluene	1.0	U	1.0	0.13	ug/L			10/01/11 20:38	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			10/01/11 20:38	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			10/01/11 20:38	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			10/01/11 20:38	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			10/01/11 20:38	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			10/01/11 20:38	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			10/01/11 20:38	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.67	ug/L			10/01/11 20:38	1
1,2-Dibromoethane	1.0	U	1.0	0.24	ug/L			10/01/11 20:38	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			10/01/11 20:38	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			10/01/11 20:38	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			10/01/11 20:38	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			10/01/11 20:38	1
Methyl acetate	10	U	10	0.38	ug/L			10/01/11 20:38	1
Methyl tert-butyl ether	0.27	J	5.0	0.17	ug/L			10/01/11 20:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			10/01/11 20:38	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			10/01/11 20:38	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			10/01/11 20:38	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			10/01/11 20:38	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			10/01/11 20:38	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			10/01/11 20:38	1
Dibromochloromethane	1.0	U	1.0	0.18	ug/L			10/01/11 20:38	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			10/01/11 20:38	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

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

<i>Surrogate</i>	<i>% Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	105		63 - 129		10/01/11 20:38	1
4-Bromofluorobenzene (Surr)	91		66 - 117		10/01/11 20:38	1
Toluene-d8 (Surr)	112		74 - 115		10/01/11 20:38	1
Dibromofluoromethane (Surr)	84		75 - 121		10/01/11 20:38	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: GW-17360-092311-EM-037

Date Collected: 09/23/11 15:00

Date Received: 09/24/11 09:30

Lab Sample ID: 240-4200-37

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	2.6	J B	10	1.1	ug/L			10/01/11 21:00	1
Benzene	1.0	U	1.0	0.13	ug/L			10/01/11 21:00	1
Bromodichloromethane	1.0	U	1.0	0.15	ug/L			10/01/11 21:00	1
Bromoform	1.0	U	1.0	0.64	ug/L			10/01/11 21:00	1
Bromomethane	1.0	U	1.0	0.41	ug/L			10/01/11 21:00	1
2-Butanone (MEK)	10	U *	10	0.57	ug/L			10/01/11 21:00	1
Carbon disulfide	5.0	U	5.0	0.13	ug/L			10/01/11 21:00	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			10/01/11 21:00	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			10/01/11 21:00	1
Chloroethane	1.0	U	1.0	0.29	ug/L			10/01/11 21:00	1
Chloroform	1.0	U	1.0	0.16	ug/L			10/01/11 21:00	1
Chloromethane	1.0	U	1.0	0.30	ug/L			10/01/11 21:00	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			10/01/11 21:00	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			10/01/11 21:00	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			10/01/11 21:00	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			10/01/11 21:00	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			10/01/11 21:00	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			10/01/11 21:00	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			10/01/11 21:00	1
2-Hexanone	10	U	10	0.41	ug/L			10/01/11 21:00	1
Methylene Chloride	5.0	U	5.0	0.33	ug/L			10/01/11 21:00	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			10/01/11 21:00	1
Styrene	1.0	U	1.0	0.11	ug/L			10/01/11 21:00	1
1,1,1,2-Tetrachloroethane	1.0	U *	1.0	0.18	ug/L			10/01/11 21:00	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			10/01/11 21:00	1
Toluene	1.0	U	1.0	0.13	ug/L			10/01/11 21:00	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			10/01/11 21:00	1
Vinyl chloride	0.88	J	1.0	0.22	ug/L			10/01/11 21:00	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			10/01/11 21:00	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			10/01/11 21:00	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			10/01/11 21:00	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			10/01/11 21:00	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.67	ug/L			10/01/11 21:00	1
1,2-Dibromoethane	1.0	U	1.0	0.24	ug/L			10/01/11 21:00	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			10/01/11 21:00	1
cis-1,2-Dichloroethene	1.6		1.0	0.17	ug/L			10/01/11 21:00	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			10/01/11 21:00	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			10/01/11 21:00	1
Methyl acetate	10	U	10	0.38	ug/L			10/01/11 21:00	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			10/01/11 21:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			10/01/11 21:00	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			10/01/11 21:00	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			10/01/11 21:00	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			10/01/11 21:00	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			10/01/11 21:00	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			10/01/11 21:00	1
Dibromochloromethane	1.0	U	1.0	0.18	ug/L			10/01/11 21:00	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			10/01/11 21:00	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

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

<i>Surrogate</i>	<i>% Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	99		63 - 129		10/01/11 21:00	1
4-Bromofluorobenzene (Surr)	90		66 - 117		10/01/11 21:00	1
Toluene-d8 (Surr)	108		74 - 115		10/01/11 21:00	1
Dibromofluoromethane (Surr)	81		75 - 121		10/01/11 21:00	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: GW-17360-092311-EM-038

Lab Sample ID: 240-4200-38

Date Collected: 09/23/11 15:10

Matrix: Water

Date Received: 09/24/11 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.0	J B	10	1.1	ug/L			10/01/11 21:22	1
Benzene	1.0	U	1.0	0.13	ug/L			10/01/11 21:22	1
Bromodichloromethane	1.0	U	1.0	0.15	ug/L			10/01/11 21:22	1
Bromoform	1.0	U	1.0	0.64	ug/L			10/01/11 21:22	1
Bromomethane	1.0	U	1.0	0.41	ug/L			10/01/11 21:22	1
2-Butanone (MEK)	10	U *	10	0.57	ug/L			10/01/11 21:22	1
Carbon disulfide	5.0	U	5.0	0.13	ug/L			10/01/11 21:22	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			10/01/11 21:22	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			10/01/11 21:22	1
Chloroethane	1.0	U	1.0	0.29	ug/L			10/01/11 21:22	1
Chloroform	0.50	J	1.0	0.16	ug/L			10/01/11 21:22	1
Chloromethane	1.0	U	1.0	0.30	ug/L			10/01/11 21:22	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			10/01/11 21:22	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			10/01/11 21:22	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			10/01/11 21:22	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			10/01/11 21:22	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			10/01/11 21:22	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			10/01/11 21:22	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			10/01/11 21:22	1
2-Hexanone	10	U	10	0.41	ug/L			10/01/11 21:22	1
Methylene Chloride	5.0	U	5.0	0.33	ug/L			10/01/11 21:22	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			10/01/11 21:22	1
Styrene	1.0	U	1.0	0.11	ug/L			10/01/11 21:22	1
1,1,1,2-Tetrachloroethane	1.0	U *	1.0	0.18	ug/L			10/01/11 21:22	1
Tetrachloroethene	27		1.0	0.29	ug/L			10/01/11 21:22	1
Toluene	1.0	U	1.0	0.13	ug/L			10/01/11 21:22	1
Trichloroethene	1.7		1.0	0.17	ug/L			10/01/11 21:22	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			10/01/11 21:22	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			10/01/11 21:22	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			10/01/11 21:22	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			10/01/11 21:22	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			10/01/11 21:22	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.67	ug/L			10/01/11 21:22	1
1,2-Dibromoethane	1.0	U	1.0	0.24	ug/L			10/01/11 21:22	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			10/01/11 21:22	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			10/01/11 21:22	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			10/01/11 21:22	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			10/01/11 21:22	1
Methyl acetate	10	U	10	0.38	ug/L			10/01/11 21:22	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			10/01/11 21:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			10/01/11 21:22	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			10/01/11 21:22	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			10/01/11 21:22	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			10/01/11 21:22	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			10/01/11 21:22	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			10/01/11 21:22	1
Dibromochloromethane	1.0	U	1.0	0.18	ug/L			10/01/11 21:22	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			10/01/11 21:22	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

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

<i>Surrogate</i>	<i>% Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	101		63 - 129		10/01/11 21:22	1
4-Bromofluorobenzene (Surr)	92		66 - 117		10/01/11 21:22	1
Toluene-d8 (Surr)	113		74 - 115		10/01/11 21:22	1
Dibromofluoromethane (Surr)	86		75 - 121		10/01/11 21:22	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: GW-17360-092311-EM-039

Date Collected: 09/23/11 16:00

Date Received: 09/24/11 09:30

Lab Sample ID: 240-4200-39

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	2.2	J B	10	1.1	ug/L			10/01/11 22:29	1
Benzene	1.0	U	1.0	0.13	ug/L			10/01/11 22:29	1
Bromodichloromethane	1.0	U	1.0	0.15	ug/L			10/01/11 22:29	1
Bromoform	1.0	U	1.0	0.64	ug/L			10/01/11 22:29	1
Bromomethane	1.0	U	1.0	0.41	ug/L			10/01/11 22:29	1
2-Butanone (MEK)	10	U *	10	0.57	ug/L			10/01/11 22:29	1
Carbon disulfide	5.0	U	5.0	0.13	ug/L			10/01/11 22:29	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			10/01/11 22:29	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			10/01/11 22:29	1
Chloroethane	1.0	U	1.0	0.29	ug/L			10/01/11 22:29	1
Chloroform	0.31	J	1.0	0.16	ug/L			10/01/11 22:29	1
Chloromethane	1.0	U	1.0	0.30	ug/L			10/01/11 22:29	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			10/01/11 22:29	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			10/01/11 22:29	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			10/01/11 22:29	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			10/01/11 22:29	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			10/01/11 22:29	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			10/01/11 22:29	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			10/01/11 22:29	1
2-Hexanone	10	U	10	0.41	ug/L			10/01/11 22:29	1
Methylene Chloride	5.0	U	5.0	0.33	ug/L			10/01/11 22:29	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			10/01/11 22:29	1
Styrene	1.0	U	1.0	0.11	ug/L			10/01/11 22:29	1
1,1,1,2-Tetrachloroethane	1.0	U *	1.0	0.18	ug/L			10/01/11 22:29	1
Tetrachloroethene	28		1.0	0.29	ug/L			10/01/11 22:29	1
Toluene	1.0	U	1.0	0.13	ug/L			10/01/11 22:29	1
Trichloroethene	1.2		1.0	0.17	ug/L			10/01/11 22:29	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			10/01/11 22:29	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			10/01/11 22:29	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			10/01/11 22:29	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			10/01/11 22:29	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			10/01/11 22:29	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.67	ug/L			10/01/11 22:29	1
1,2-Dibromoethane	1.0	U	1.0	0.24	ug/L			10/01/11 22:29	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			10/01/11 22:29	1
cis-1,2-Dichloroethene	0.22	J	1.0	0.17	ug/L			10/01/11 22:29	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			10/01/11 22:29	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			10/01/11 22:29	1
Methyl acetate	10	U	10	0.38	ug/L			10/01/11 22:29	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			10/01/11 22:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			10/01/11 22:29	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			10/01/11 22:29	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			10/01/11 22:29	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			10/01/11 22:29	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			10/01/11 22:29	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			10/01/11 22:29	1
Dibromochloromethane	1.0	U	1.0	0.18	ug/L			10/01/11 22:29	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			10/01/11 22:29	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

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

<i>Surrogate</i>	<i>% Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	99		63 - 129		10/01/11 22:29	1
4-Bromofluorobenzene (Surr)	91		66 - 117		10/01/11 22:29	1
Toluene-d8 (Surr)	112		74 - 115		10/01/11 22:29	1
Dibromofluoromethane (Surr)	84		75 - 121		10/01/11 22:29	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: TB-17360-092311-EM

Date Collected: 09/23/11 00:00

Date Received: 09/24/11 09:30

Lab Sample ID: 240-4200-40

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			10/03/11 17:48	1
Benzene	1.0	U	1.0	0.13	ug/L			10/03/11 17:48	1
Bromodichloromethane	1.0	U	1.0	0.15	ug/L			10/03/11 17:48	1
Bromoform	1.0	U	1.0	0.64	ug/L			10/03/11 17:48	1
Bromomethane	1.0	U	1.0	0.41	ug/L			10/03/11 17:48	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			10/03/11 17:48	1
Carbon disulfide	5.0	U	5.0	0.13	ug/L			10/03/11 17:48	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			10/03/11 17:48	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			10/03/11 17:48	1
Chloroethane	1.0	U	1.0	0.29	ug/L			10/03/11 17:48	1
Chloroform	1.0	U	1.0	0.16	ug/L			10/03/11 17:48	1
Chloromethane	1.0	U	1.0	0.30	ug/L			10/03/11 17:48	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			10/03/11 17:48	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			10/03/11 17:48	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			10/03/11 17:48	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			10/03/11 17:48	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			10/03/11 17:48	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			10/03/11 17:48	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			10/03/11 17:48	1
2-Hexanone	10	U	10	0.41	ug/L			10/03/11 17:48	1
Methylene Chloride	5.0	U	5.0	0.33	ug/L			10/03/11 17:48	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			10/03/11 17:48	1
Styrene	1.0	U	1.0	0.11	ug/L			10/03/11 17:48	1
1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			10/03/11 17:48	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			10/03/11 17:48	1
Toluene	1.0	U	1.0	0.13	ug/L			10/03/11 17:48	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			10/03/11 17:48	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			10/03/11 17:48	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			10/03/11 17:48	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			10/03/11 17:48	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			10/03/11 17:48	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			10/03/11 17:48	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.67	ug/L			10/03/11 17:48	1
1,2-Dibromoethane	1.0	U	1.0	0.24	ug/L			10/03/11 17:48	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			10/03/11 17:48	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			10/03/11 17:48	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			10/03/11 17:48	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			10/03/11 17:48	1
Methyl acetate	10	U	10	0.38	ug/L			10/03/11 17:48	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			10/03/11 17:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			10/03/11 17:48	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			10/03/11 17:48	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			10/03/11 17:48	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			10/03/11 17:48	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			10/03/11 17:48	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			10/03/11 17:48	1
Dibromochloromethane	1.0	U	1.0	0.18	ug/L			10/03/11 17:48	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			10/03/11 17:48	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

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

<i>Surrogate</i>	<i>% Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	102		63 - 129		10/03/11 17:48	1
4-Bromofluorobenzene (Surr)	94		66 - 117		10/03/11 17:48	1
Toluene-d8 (Surr)	101		74 - 115		10/03/11 17:48	1
Dibromofluoromethane (Surr)	110		75 - 121		10/03/11 17:48	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Method: 8270C - TCL Semivolatile Compounds (OLMO4.2)

Client Sample ID: GW-17360-092211-EM-022

Lab Sample ID: 240-4200-22

Date Collected: 09/22/11 19:30

Matrix: Water

Date Received: 09/24/11 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	4.8	U	4.8	0.77	ug/L		09/27/11 09:43	10/05/11 14:03	1
2,2'-oxybis[1-chloropropane]	4.8	U	4.8	0.38	ug/L		09/27/11 09:43	10/05/11 14:03	1
2,4,5-Trichlorophenol	4.8	U	4.8	0.29	ug/L		09/27/11 09:43	10/05/11 14:03	1
2,4,6-Trichlorophenol	3.8	U	3.8	0.77	ug/L		09/27/11 09:43	10/05/11 14:03	1
2,4-Dichlorophenol	9.6	U	9.6	0.77	ug/L		09/27/11 09:43	10/05/11 14:03	1
2,4-Dimethylphenol	4.8	U	4.8	0.77	ug/L		09/27/11 09:43	10/05/11 14:03	1
2,4-Dinitrophenol	19	U	19	2.3	ug/L		09/27/11 09:43	10/05/11 14:03	1
2,4-Dinitrotoluene	4.8	U	4.8	0.26	ug/L		09/27/11 09:43	10/05/11 14:03	1
2,6-Dinitrotoluene	4.8	U	4.8	0.77	ug/L		09/27/11 09:43	10/05/11 14:03	1
2-Chloronaphthalene	4.8	U	4.8	0.096	ug/L		09/27/11 09:43	10/05/11 14:03	1
2-Chlorophenol	4.8	U	4.8	0.28	ug/L		09/27/11 09:43	10/05/11 14:03	1
2-Methylnaphthalene	4.8	U	4.8	0.096	ug/L		09/27/11 09:43	10/05/11 14:03	1
2-Methylphenol	4.8	U	4.8	0.77	ug/L		09/27/11 09:43	10/05/11 14:03	1
2-Nitroaniline	19	U	19	0.77	ug/L		09/27/11 09:43	10/05/11 14:03	1
2-Nitrophenol	4.8	U	4.8	0.27	ug/L		09/27/11 09:43	10/05/11 14:03	1
3,3'-Dichlorobenzidine	0.96	U	0.96	0.36	ug/L		09/27/11 09:43	10/05/11 14:03	1
3-Nitroaniline	19	U	19	0.27	ug/L		09/27/11 09:43	10/05/11 14:03	1
4,6-Dinitro-2-methylphenol	19	U	19	2.3	ug/L		09/27/11 09:43	10/05/11 14:03	1
4-Bromophenyl phenyl ether	4.8	U	4.8	0.77	ug/L		09/27/11 09:43	10/05/11 14:03	1
4-Chloro-3-methylphenol	4.8	U	4.8	0.77	ug/L		09/27/11 09:43	10/05/11 14:03	1
4-Chloroaniline	9.6	U	9.6	0.77	ug/L		09/27/11 09:43	10/05/11 14:03	1
4-Chlorophenyl phenyl ether	4.8	U	4.8	0.29	ug/L		09/27/11 09:43	10/05/11 14:03	1
4-Nitroaniline	19	U	19	0.77	ug/L		09/27/11 09:43	10/05/11 14:03	1
4-Nitrophenol	19	U	19	2.3	ug/L		09/27/11 09:43	10/05/11 14:03	1
Acenaphthene	4.8	U	4.8	0.096	ug/L		09/27/11 09:43	10/05/11 14:03	1
Acenaphthylene	4.8	U	4.8	0.096	ug/L		09/27/11 09:43	10/05/11 14:03	1
Acetophenone	4.8	U	4.8	0.33	ug/L		09/27/11 09:43	10/05/11 14:03	1
Anthracene	4.8	U	4.8	0.096	ug/L		09/27/11 09:43	10/05/11 14:03	1
Atrazine	2.9	U	2.9	0.33	ug/L		09/27/11 09:43	10/05/11 14:03	1
Benzaldehyde	4.8	U	4.8	0.37	ug/L		09/27/11 09:43	10/05/11 14:03	1
Benzo[a]anthracene	0.96	U	0.96	0.096	ug/L		09/27/11 09:43	10/05/11 14:03	1
Benzo[a]pyrene	0.96	U	0.96	0.096	ug/L		09/27/11 09:43	10/05/11 14:03	1
Benzo[b]fluoranthene	0.96	U	0.96	0.096	ug/L		09/27/11 09:43	10/05/11 14:03	1
Benzo[g,h,i]perylene	0.96	U	0.96	0.096	ug/L		09/27/11 09:43	10/05/11 14:03	1
Benzo[k]fluoranthene	0.96	U	0.96	0.096	ug/L		09/27/11 09:43	10/05/11 14:03	1
Bis(2-chloroethoxy)methane	4.8	U	4.8	0.31	ug/L		09/27/11 09:43	10/05/11 14:03	1
Bis(2-chloroethyl)ether	0.96	U	0.96	0.096	ug/L		09/27/11 09:43	10/05/11 14:03	1
Bis(2-ethylhexyl) phthalate	4.8	U	4.8	0.77	ug/L		09/27/11 09:43	10/05/11 14:03	1
Butyl benzyl phthalate	4.8	U	4.8	0.77	ug/L		09/27/11 09:43	10/05/11 14:03	1
Caprolactam	9.6	U	9.6	0.77	ug/L		09/27/11 09:43	10/05/11 14:03	1
Carbazole	9.6	U	9.6	0.27	ug/L		09/27/11 09:43	10/05/11 14:03	1
Chrysene	0.96	U	0.96	0.096	ug/L		09/27/11 09:43	10/05/11 14:03	1
Dibenz(a,h)anthracene	1.9	U	1.9	0.096	ug/L		09/27/11 09:43	10/05/11 14:03	1
Dibenzofuran	3.8	U	3.8	0.096	ug/L		09/27/11 09:43	10/05/11 14:03	1
Diethyl phthalate	4.8	U	4.8	0.58	ug/L		09/27/11 09:43	10/05/11 14:03	1
Dimethyl phthalate	4.8	U	4.8	0.28	ug/L		09/27/11 09:43	10/05/11 14:03	1
Di-n-butyl phthalate	4.8	U	4.8	0.64	ug/L		09/27/11 09:43	10/05/11 14:03	1
Di-n-octyl phthalate	4.8	U	4.8	0.77	ug/L		09/27/11 09:43	10/05/11 14:03	1
Fluoranthene	0.96	U	0.96	0.096	ug/L		09/27/11 09:43	10/05/11 14:03	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Method: 8270C - TCL Semivolatile Compounds (OLMO4.2) (Continued)

Client Sample ID: GW-17360-092211-EM-022

Lab Sample ID: 240-4200-22

Date Collected: 09/22/11 19:30

Matrix: Water

Date Received: 09/24/11 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	4.8	U	4.8	0.096	ug/L		09/27/11 09:43	10/05/11 14:03	1
Hexachlorobenzene	0.19	U	0.19	0.096	ug/L		09/27/11 09:43	10/05/11 14:03	1
Hexachlorobutadiene	0.96	U	0.96	0.26	ug/L		09/27/11 09:43	10/05/11 14:03	1
Hexachlorocyclopentadiene	4.8	U	4.8	0.77	ug/L		09/27/11 09:43	10/05/11 14:03	1
Hexachloroethane	4.8	U	4.8	0.77	ug/L		09/27/11 09:43	10/05/11 14:03	1
Indeno[1,2,3-cd]pyrene	1.9	U	1.9	0.096	ug/L		09/27/11 09:43	10/05/11 14:03	1
Isophorone	4.8	U	4.8	0.26	ug/L		09/27/11 09:43	10/05/11 14:03	1
Naphthalene	4.8	U	4.8	0.096	ug/L		09/27/11 09:43	10/05/11 14:03	1
Nitrobenzene	2.9	U	2.9	0.038	ug/L		09/27/11 09:43	10/05/11 14:03	1
N-Nitrosodi-n-propylamine	4.8	U	4.8	0.77	ug/L		09/27/11 09:43	10/05/11 14:03	1
N-Nitrosodiphenylamine	4.8	U	4.8	0.30	ug/L		09/27/11 09:43	10/05/11 14:03	1
Pentachlorophenol	4.8	U	4.8	2.3	ug/L		09/27/11 09:43	10/05/11 14:03	1
Phenol	4.8	U	4.8	0.58	ug/L		09/27/11 09:43	10/05/11 14:03	1
Phenanthrene	1.9	U	1.9	0.096	ug/L		09/27/11 09:43	10/05/11 14:03	1
Pyrene	4.8	U	4.8	0.096	ug/L		09/27/11 09:43	10/05/11 14:03	1
3 & 4 Methylphenol	4.8	U	4.8	0.72	ug/L		09/27/11 09:43	10/05/11 14:03	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>2-Fluorobiphenyl (Surr)</i>	50		28 - 110				09/27/11 09:43	10/05/11 14:03	1
<i>2-Fluorophenol (Surr)</i>	49		10 - 110				09/27/11 09:43	10/05/11 14:03	1
<i>2,4,6-Tribromophenol (Surr)</i>	47		22 - 120				09/27/11 09:43	10/05/11 14:03	1
<i>Nitrobenzene-d5 (Surr)</i>	44		27 - 111				09/27/11 09:43	10/05/11 14:03	1
<i>Phenol-d5 (Surr)</i>	49		10 - 110				09/27/11 09:43	10/05/11 14:03	1
<i>Terphenyl-d14 (Surr)</i>	71		37 - 119				09/27/11 09:43	10/05/11 14:03	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Method: 6010B - Metals (ICP) - Total Recoverable

Client Sample ID: GW-17360-092311-EM-038

Date Collected: 09/23/11 15:10

Date Received: 09/24/11 09:30

Lab Sample ID: 240-4200-38

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	120000		5000	590	ug/L		10/06/11 10:15	10/07/11 19:23	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

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

Client Sample ID: GW-17360-092211-EM-004

Lab Sample ID: 240-4200-4

Date Collected: 09/22/11 09:30

Matrix: Water

Date Received: 09/24/11 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	2.0	U	2.0	0.13	ug/L		10/03/11 10:52	10/04/11 09:37	1
Arsenic	5.0	U	5.0	0.40	ug/L		10/03/11 10:52	10/04/11 09:37	1
Barium	29	J B	100	0.19	ug/L		10/03/11 10:52	10/04/11 09:37	1
Beryllium	1.0	U	1.0	0.20	ug/L		10/03/11 10:52	10/04/11 09:37	1
Cadmium	0.37	J	1.0	0.13	ug/L		10/03/11 10:52	10/04/11 09:37	1
Cobalt	0.12	J	20	0.058	ug/L		10/03/11 10:52	10/04/11 09:37	1
Chromium	10	U	10	0.71	ug/L		10/03/11 10:52	10/04/11 09:37	1
Copper	18	B	4.0	0.29	ug/L		10/03/11 10:52	10/04/11 09:37	1
Manganese	12	J	50	0.83	ug/L		10/03/11 10:52	10/04/11 09:37	1
Nickel	0.58	J B	20	0.20	ug/L		10/03/11 10:52	10/04/11 09:37	1
Lead	6.2		3.0	0.18	ug/L		10/03/11 10:52	10/04/11 09:37	1
Selenium	5.0	U	5.0	0.57	ug/L		10/03/11 10:52	10/04/11 09:37	1
Thallium	0.51	J B	2.0	0.14	ug/L		10/03/11 10:52	10/04/11 09:37	1
Vanadium	4.0	U	4.0	0.44	ug/L		10/03/11 10:52	10/04/11 09:37	1
Zinc	570	B	50	2.3	ug/L		10/03/11 10:52	10/04/11 09:37	1
Silver	0.20	U	0.20	0.080	ug/L		10/03/11 10:52	10/04/11 09:37	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

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

Client Sample ID: GW-17360-092211-EM-008

Date Collected: 09/22/11 14:45

Date Received: 09/24/11 09:30

Lab Sample ID: 240-4200-8

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.16	J	2.0	0.13	ug/L		10/03/11 10:52	10/04/11 09:44	1
Arsenic	0.67	J	5.0	0.40	ug/L		10/03/11 10:52	10/04/11 09:44	1
Barium	98	J B	100	0.19	ug/L		10/03/11 10:52	10/04/11 09:44	1
Beryllium	1.0	U	1.0	0.20	ug/L		10/03/11 10:52	10/04/11 09:44	1
Cadmium	2.7		1.0	0.13	ug/L		10/03/11 10:52	10/04/11 09:44	1
Cobalt	0.65	J	20	0.058	ug/L		10/03/11 10:52	10/04/11 09:44	1
Chromium	10	U	10	0.71	ug/L		10/03/11 10:52	10/04/11 09:44	1
Copper	6.4	B	4.0	0.29	ug/L		10/03/11 10:52	10/04/11 09:44	1
Manganese	94		50	0.83	ug/L		10/03/11 10:52	10/04/11 09:44	1
Nickel	3.1	J B	20	0.20	ug/L		10/03/11 10:52	10/04/11 09:44	1
Lead	4.4		3.0	0.18	ug/L		10/03/11 10:52	10/04/11 09:44	1
Selenium	5.0	U	5.0	0.57	ug/L		10/03/11 10:52	10/04/11 09:44	1
Thallium	0.34	J B	2.0	0.14	ug/L		10/03/11 10:52	10/04/11 09:44	1
Vanadium	4.0	U	4.0	0.44	ug/L		10/03/11 10:52	10/04/11 09:44	1
Zinc	2500	B	50	2.3	ug/L		10/03/11 10:52	10/04/11 09:44	1
Silver	0.20	U	0.20	0.080	ug/L		10/03/11 10:52	10/04/11 09:44	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

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

Client Sample ID: GW-17360-092211-EM-019

Lab Sample ID: 240-4200-19

Date Collected: 09/22/11 16:10

Matrix: Water

Date Received: 09/24/11 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	2.0	U	2.0	0.13	ug/L		10/03/11 10:52	10/04/11 10:03	1
Arsenic	5.0	U	5.0	0.40	ug/L		10/03/11 10:52	10/04/11 10:03	1
Barium	130	B	100	0.19	ug/L		10/03/11 10:52	10/04/11 10:03	1
Beryllium	1.0	U	1.0	0.20	ug/L		10/03/11 10:52	10/04/11 10:03	1
Cadmium	0.27	J	1.0	0.13	ug/L		10/03/11 10:52	10/04/11 10:03	1
Cobalt	0.57	J	20	0.058	ug/L		10/03/11 10:52	10/04/11 10:03	1
Chromium	10	U	10	0.71	ug/L		10/03/11 10:52	10/04/11 10:03	1
Copper	0.62	J B	4.0	0.29	ug/L		10/03/11 10:52	10/04/11 10:03	1
Manganese	260		50	0.83	ug/L		10/03/11 10:52	10/04/11 10:03	1
Nickel	1.6	J B	20	0.20	ug/L		10/03/11 10:52	10/04/11 10:03	1
Lead	0.53	J	3.0	0.18	ug/L		10/03/11 10:52	10/04/11 10:03	1
Selenium	5.0	U	5.0	0.57	ug/L		10/03/11 10:52	10/04/11 10:03	1
Thallium	0.28	J B	2.0	0.14	ug/L		10/03/11 10:52	10/04/11 10:03	1
Vanadium	4.0	U	4.0	0.44	ug/L		10/03/11 10:52	10/04/11 10:03	1
Zinc	630	B	50	2.3	ug/L		10/03/11 10:52	10/04/11 10:03	1
Silver	0.20	U	0.20	0.080	ug/L		10/03/11 10:52	10/04/11 10:03	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

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

Client Sample ID: GW-17360-092311-EM-028

Date Collected: 09/23/11 13:10

Date Received: 09/24/11 09:30

Lab Sample ID: 240-4200-28

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.25	J	2.0	0.13	ug/L		10/03/11 10:52	10/04/11 10:08	1
Arsenic	0.69	J	5.0	0.40	ug/L		10/03/11 10:52	10/04/11 10:08	1
Barium	120	B	100	0.19	ug/L		10/03/11 10:52	10/04/11 10:08	1
Beryllium	1.0	U	1.0	0.20	ug/L		10/03/11 10:52	10/04/11 10:08	1
Cadmium	0.15	J	1.0	0.13	ug/L		10/03/11 10:52	10/04/11 10:08	1
Cobalt	0.48	J	20	0.058	ug/L		10/03/11 10:52	10/04/11 10:08	1
Chromium	1.5	J	10	0.71	ug/L		10/03/11 10:52	10/04/11 10:08	1
Copper	13	B	4.0	0.29	ug/L		10/03/11 10:52	10/04/11 10:08	1
Manganese	41	J	50	0.83	ug/L		10/03/11 10:52	10/04/11 10:08	1
Nickel	1.9	J B	20	0.20	ug/L		10/03/11 10:52	10/04/11 10:08	1
Lead	2.5	J	3.0	0.18	ug/L		10/03/11 10:52	10/04/11 10:08	1
Selenium	0.98	J	5.0	0.57	ug/L		10/03/11 10:52	10/04/11 10:08	1
Thallium	0.23	J B	2.0	0.14	ug/L		10/03/11 10:52	10/04/11 10:08	1
Vanadium	4.0		4.0	0.44	ug/L		10/03/11 10:52	10/04/11 10:08	1
Zinc	69	B	50	2.3	ug/L		10/03/11 10:52	10/04/11 10:08	1
Silver	0.20	U	0.20	0.080	ug/L		10/03/11 10:52	10/04/11 10:08	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

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

Client Sample ID: GW-17360-092311-EM-029

Date Collected: 09/23/11 10:45

Date Received: 09/24/11 09:30

Lab Sample ID: 240-4200-29

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.42	J	2.0	0.13	ug/L		10/03/11 10:52	10/04/11 10:14	1
Arsenic	5.0	U	5.0	0.40	ug/L		10/03/11 10:52	10/04/11 10:14	1
Barium	71	J B	100	0.19	ug/L		10/03/11 10:52	10/04/11 10:14	1
Beryllium	1.0	U	1.0	0.20	ug/L		10/03/11 10:52	10/04/11 10:14	1
Cadmium	0.17	J	1.0	0.13	ug/L		10/03/11 10:52	10/04/11 10:14	1
Cobalt	0.092	J	20	0.058	ug/L		10/03/11 10:52	10/04/11 10:14	1
Chromium	10	U	10	0.71	ug/L		10/03/11 10:52	10/04/11 10:14	1
Copper	1.2	J B	4.0	0.29	ug/L		10/03/11 10:52	10/04/11 10:14	1
Manganese	8.7	J	50	0.83	ug/L		10/03/11 10:52	10/04/11 10:14	1
Nickel	1.3	J B	20	0.20	ug/L		10/03/11 10:52	10/04/11 10:14	1
Lead	22		3.0	0.18	ug/L		10/03/11 10:52	10/04/11 10:14	1
Selenium	5.0	U	5.0	0.57	ug/L		10/03/11 10:52	10/04/11 10:14	1
Thallium	0.21	J B	2.0	0.14	ug/L		10/03/11 10:52	10/04/11 10:14	1
Vanadium	4.0	U	4.0	0.44	ug/L		10/03/11 10:52	10/04/11 10:14	1
Zinc	3300	B	50	2.3	ug/L		10/03/11 10:52	10/04/11 10:14	1
Silver	0.20	U	0.20	0.080	ug/L		10/03/11 10:52	10/04/11 10:14	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

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

Client Sample ID: GW-17360-092311-EM-031

Date Collected: 09/23/11 09:55

Date Received: 09/24/11 09:30

Lab Sample ID: 240-4200-31

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	2.0	U	2.0	0.13	ug/L		10/03/11 10:52	10/04/11 10:19	1
Arsenic	5.0	U	5.0	0.40	ug/L		10/03/11 10:52	10/04/11 10:19	1
Barium	53	J B	100	0.19	ug/L		10/03/11 10:52	10/04/11 10:19	1
Beryllium	1.0	U	1.0	0.20	ug/L		10/03/11 10:52	10/04/11 10:19	1
Cadmium	1.0	U	1.0	0.13	ug/L		10/03/11 10:52	10/04/11 10:19	1
Cobalt	20	U	20	0.058	ug/L		10/03/11 10:52	10/04/11 10:19	1
Chromium	1.5	J	10	0.71	ug/L		10/03/11 10:52	10/04/11 10:19	1
Copper	1.7	J B	4.0	0.29	ug/L		10/03/11 10:52	10/04/11 10:19	1
Manganese	5.8	J	50	0.83	ug/L		10/03/11 10:52	10/04/11 10:19	1
Nickel	0.53	J B	20	0.20	ug/L		10/03/11 10:52	10/04/11 10:19	1
Lead	0.33	J	3.0	0.18	ug/L		10/03/11 10:52	10/04/11 10:19	1
Selenium	0.63	J	5.0	0.57	ug/L		10/03/11 10:52	10/04/11 10:19	1
Thallium	0.14	J B	2.0	0.14	ug/L		10/03/11 10:52	10/04/11 10:19	1
Vanadium	4.0	U	4.0	0.44	ug/L		10/03/11 10:52	10/04/11 10:19	1
Zinc	250	B	50	2.3	ug/L		10/03/11 10:52	10/04/11 10:19	1
Silver	0.20	U	0.20	0.080	ug/L		10/03/11 10:52	10/04/11 10:19	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

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

Client Sample ID: GW-17360-092311-EM-037

Date Collected: 09/23/11 15:00

Date Received: 09/24/11 09:30

Lab Sample ID: 240-4200-37

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	2.0	U	2.0	0.13	ug/L		10/03/11 10:52	10/04/11 10:24	1
Arsenic	8.2		5.0	0.40	ug/L		10/03/11 10:52	10/04/11 10:24	1
Barium	70	J B	100	0.19	ug/L		10/03/11 10:52	10/04/11 10:24	1
Beryllium	1.0	U	1.0	0.20	ug/L		10/03/11 10:52	10/04/11 10:24	1
Cadmium	1.0	U	1.0	0.13	ug/L		10/03/11 10:52	10/04/11 10:24	1
Cobalt	1.1	J	20	0.058	ug/L		10/03/11 10:52	10/04/11 10:24	1
Chromium	10	U	10	0.71	ug/L		10/03/11 10:52	10/04/11 10:24	1
Copper	0.37	J B	4.0	0.29	ug/L		10/03/11 10:52	10/04/11 10:24	1
Manganese	520		50	0.83	ug/L		10/03/11 10:52	10/04/11 10:24	1
Nickel	1.5	J B	20	0.20	ug/L		10/03/11 10:52	10/04/11 10:24	1
Lead	0.31	J	3.0	0.18	ug/L		10/03/11 10:52	10/04/11 10:24	1
Selenium	5.0	U	5.0	0.57	ug/L		10/03/11 10:52	10/04/11 10:24	1
Thallium	2.0	U	2.0	0.14	ug/L		10/03/11 10:52	10/04/11 10:24	1
Vanadium	4.0	U	4.0	0.44	ug/L		10/03/11 10:52	10/04/11 10:24	1
Zinc	150	B	50	2.3	ug/L		10/03/11 10:52	10/04/11 10:24	1
Silver	0.20	U	0.20	0.080	ug/L		10/03/11 10:52	10/04/11 10:24	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Method: 7470A - Mercury (CVAA)

Client Sample ID: GW-17360-092211-EM-004

Lab Sample ID: 240-4200-4

Date Collected: 09/22/11 09:30

Matrix: Water

Date Received: 09/24/11 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	40	U	40	0.12	ug/L		10/04/11 14:45	10/05/11 16:35	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Method: 7470A - Mercury (CVAA)

Client Sample ID: GW-17360-092211-EM-008

Date Collected: 09/22/11 14:45

Date Received: 09/24/11 09:30

Lab Sample ID: 240-4200-8

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	40	U	40	0.12	ug/L		10/04/11 14:45	10/05/11 16:37	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Method: 7470A - Mercury (CVAA)

Client Sample ID: GW-17360-092211-EM-019

Date Collected: 09/22/11 16:10

Date Received: 09/24/11 09:30

Lab Sample ID: 240-4200-19

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	40	U	40	0.12	ug/L		10/04/11 14:45	10/05/11 16:38	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Method: 7470A - Mercury (CVAA)

Client Sample ID: GW-17360-092311-EM-028

Date Collected: 09/23/11 13:10

Date Received: 09/24/11 09:30

Lab Sample ID: 240-4200-28

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	40	U	40	0.12	ug/L		10/04/11 14:45	10/05/11 16:40	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Method: 7470A - Mercury (CVAA)

Client Sample ID: GW-17360-092311-EM-029

Date Collected: 09/23/11 10:45

Date Received: 09/24/11 09:30

Lab Sample ID: 240-4200-29

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	40	U	40	0.12	ug/L		10/04/11 14:45	10/05/11 16:41	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Method: 7470A - Mercury (CVAA)

Client Sample ID: GW-17360-092311-EM-031

Date Collected: 09/23/11 09:55

Date Received: 09/24/11 09:30

Lab Sample ID: 240-4200-31

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	40	U	40	0.12	ug/L		10/04/11 14:45	10/05/11 16:42	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Method: 7470A - Mercury (CVAA)

Client Sample ID: GW-17360-092311-EM-037

Date Collected: 09/23/11 15:00

Date Received: 09/24/11 09:30

Lab Sample ID: 240-4200-37

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	40	U	40	0.12	ug/L		10/04/11 14:45	10/05/11 16:46	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

General Chemistry

Client Sample ID: GW-17360-092311-EM-038

Date Collected: 09/23/11 15:10

Date Received: 09/24/11 09:30

Lab Sample ID: 240-4200-38

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	200		5.0	0.50	mg/L			10/05/11 18:02	5

QC Association Summary

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

GC/MS VOA

Analysis Batch: 17309

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-4200-1	GW-17360-092211-EM-001	Total/NA	Water	8260B	
240-4200-2	GW-17360-092211-EM-002	Total/NA	Water	8260B	
240-4200-3	GW-17360-092211-EM-003	Total/NA	Water	8260B	
240-4200-4	GW-17360-092211-EM-004	Total/NA	Water	8260B	
240-4200-5	GW-17360-092211-EM-005	Total/NA	Water	8260B	
240-4200-6	GW-17360-092211-EM-006	Total/NA	Water	8260B	
240-4200-7	GW-17360-092211-EM-007	Total/NA	Water	8260B	
240-4200-8	GW-17360-092211-EM-008	Total/NA	Water	8260B	
240-4200-9	GW-17360-092211-EM-009	Total/NA	Water	8260B	
240-4200-10	GW-17360-092211-EM-010	Total/NA	Water	8260B	
240-4200-11	GW-17360-092211-EM-011	Total/NA	Water	8260B	
240-4200-12	GW-17360-092211-EM-012	Total/NA	Water	8260B	
240-4200-14	GW-17360-092211-EM-014	Total/NA	Water	8260B	
240-4200-15	GW-17360-092211-EM-015	Total/NA	Water	8260B	
240-4200-15 MS	GW-17360-092211-EM-015	Total/NA	Water	8260B	
240-4200-15 MSD	GW-17360-092211-EM-015	Total/NA	Water	8260B	
240-4200-16	GW-17360-092211-EM-016	Total/NA	Water	8260B	
240-4200-17	GW-17360-092211-EM-017	Total/NA	Water	8260B	
240-4200-18	GW-17360-092211-EM-018	Total/NA	Water	8260B	
240-4200-19	GW-17360-092211-EM-019	Total/NA	Water	8260B	
LCS 240-17309/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-17309/5	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 17485

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-4200-20	GW-17360-092211-EM-020	Total/NA	Water	8260B	
240-4200-21	GW-17360-092211-EM-021	Total/NA	Water	8260B	
240-4200-22	GW-17360-092211-EM-022	Total/NA	Water	8260B	
240-4200-23	GW-17360-092311-EM-023	Total/NA	Water	8260B	
240-4200-24	GW-17360-092311-EM-024	Total/NA	Water	8260B	
240-4200-25	GW-17360-092311-EM-025	Total/NA	Water	8260B	
240-4200-26	GW-17360-092311-EM-026	Total/NA	Water	8260B	
240-4200-27	GW-17360-092311-EM-027	Total/NA	Water	8260B	
240-4200-28	GW-17360-092311-EM-028	Total/NA	Water	8260B	
240-4200-29	GW-17360-092311-EM-029	Total/NA	Water	8260B	
240-4200-30	GW-17360-092311-EM-030	Total/NA	Water	8260B	
240-4200-32	GW-17360-092311-EM-032	Total/NA	Water	8260B	
240-4200-33	GW-17360-092311-EM-033	Total/NA	Water	8260B	
240-4200-34	GW-17360-092311-EM-034	Total/NA	Water	8260B	
240-4200-35	GW-17360-092311-EM-035	Total/NA	Water	8260B	
240-4200-36	GW-17360-092311-EM-036	Total/NA	Water	8260B	
240-4200-37	GW-17360-092311-EM-037	Total/NA	Water	8260B	
240-4200-38	GW-17360-092311-EM-038	Total/NA	Water	8260B	
240-4200-38 MS	GW-17360-092311-EM-038	Total/NA	Water	8260B	
240-4200-38 MSD	GW-17360-092311-EM-038	Total/NA	Water	8260B	
240-4200-39	GW-17360-092311-EM-039	Total/NA	Water	8260B	
LCS 240-17485/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-17485/5	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 17575

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-4200-13	GW-17360-092211-EM-013	Total/NA	Water	8260B	

QC Association Summary

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

GC/MS VOA (Continued)

Analysis Batch: 17575 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 240-17575/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-17575/5	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 17636

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-4200-31	GW-17360-092311-EM-031	Total/NA	Water	8260B	
240-4200-40	TB-17360-092311-EM	Total/NA	Water	8260B	
LCS 240-17636/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-17636/5	Method Blank	Total/NA	Water	8260B	

GC/MS Semi VOA

Prep Batch: 16862

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-4200-22	GW-17360-092211-EM-022	Total/NA	Water	3520C	
LCS 240-16862/2-A	Lab Control Sample	Total/NA	Water	3520C	
MB 240-16862/1-A	Method Blank	Total/NA	Water	3520C	

Analysis Batch: 17947

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-4200-22	GW-17360-092211-EM-022	Total/NA	Water	8270C	16862
LCS 240-16862/2-A	Lab Control Sample	Total/NA	Water	8270C	16862
MB 240-16862/1-A	Method Blank	Total/NA	Water	8270C	16862

Metals

Prep Batch: 17654

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-4200-4	GW-17360-092211-EM-004	Total Recoverable	Water	3005A	
240-4200-8	GW-17360-092211-EM-008	Total Recoverable	Water	3005A	
240-4200-19	GW-17360-092211-EM-019	Total Recoverable	Water	3005A	
240-4200-28	GW-17360-092311-EM-028	Total Recoverable	Water	3005A	
240-4200-29	GW-17360-092311-EM-029	Total Recoverable	Water	3005A	
240-4200-31	GW-17360-092311-EM-031	Total Recoverable	Water	3005A	
240-4200-37	GW-17360-092311-EM-037	Total Recoverable	Water	3005A	
LCS 240-17654/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 240-17654/1-A	Method Blank	Total Recoverable	Water	3005A	

Prep Batch: 17717

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-4200-4	GW-17360-092211-EM-004	Total/NA	Water	7470A	
240-4200-8	GW-17360-092211-EM-008	Total/NA	Water	7470A	
240-4200-19	GW-17360-092211-EM-019	Total/NA	Water	7470A	
240-4200-28	GW-17360-092311-EM-028	Total/NA	Water	7470A	
240-4200-29	GW-17360-092311-EM-029	Total/NA	Water	7470A	
240-4200-31	GW-17360-092311-EM-031	Total/NA	Water	7470A	
240-4200-37	GW-17360-092311-EM-037	Total/NA	Water	7470A	
LCS 240-17717/2-A	Lab Control Sample	Total/NA	Water	7470A	
MB 240-17717/1-A	Method Blank	Total/NA	Water	7470A	

QC Association Summary

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Metals (Continued)

Analysis Batch: 17962

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-4200-4	GW-17360-092211-EM-004	Total Recoverable	Water	6020	17654
240-4200-8	GW-17360-092211-EM-008	Total Recoverable	Water	6020	17654
240-4200-19	GW-17360-092211-EM-019	Total Recoverable	Water	6020	17654
240-4200-28	GW-17360-092311-EM-028	Total Recoverable	Water	6020	17654
240-4200-29	GW-17360-092311-EM-029	Total Recoverable	Water	6020	17654
240-4200-31	GW-17360-092311-EM-031	Total Recoverable	Water	6020	17654
240-4200-37	GW-17360-092311-EM-037	Total Recoverable	Water	6020	17654
LCS 240-17654/2-A	Lab Control Sample	Total Recoverable	Water	6020	17654
MB 240-17654/1-A	Method Blank	Total Recoverable	Water	6020	17654

Analysis Batch: 18065

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-4200-4	GW-17360-092211-EM-004	Total/NA	Water	7470A	17717
240-4200-8	GW-17360-092211-EM-008	Total/NA	Water	7470A	17717
240-4200-19	GW-17360-092211-EM-019	Total/NA	Water	7470A	17717
240-4200-28	GW-17360-092311-EM-028	Total/NA	Water	7470A	17717
240-4200-29	GW-17360-092311-EM-029	Total/NA	Water	7470A	17717
240-4200-31	GW-17360-092311-EM-031	Total/NA	Water	7470A	17717
240-4200-37	GW-17360-092311-EM-037	Total/NA	Water	7470A	17717
LCS 240-17717/2-A	Lab Control Sample	Total/NA	Water	7470A	17717
MB 240-17717/1-A	Method Blank	Total/NA	Water	7470A	17717

Prep Batch: 18188

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-4200-38	GW-17360-092311-EM-038	Total Recoverable	Water	3005A	
240-4200-38 MS	GW-17360-092311-EM-038	Total Recoverable	Water	3005A	
240-4200-38 MSD	GW-17360-092311-EM-038	Total Recoverable	Water	3005A	
LCS 240-18188/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 240-18188/1-A	Method Blank	Total Recoverable	Water	3005A	

Analysis Batch: 18453

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-4200-38	GW-17360-092311-EM-038	Total Recoverable	Water	6010B	18188
240-4200-38 MS	GW-17360-092311-EM-038	Total Recoverable	Water	6010B	18188
240-4200-38 MSD	GW-17360-092311-EM-038	Total Recoverable	Water	6010B	18188
LCS 240-18188/2-A	Lab Control Sample	Total Recoverable	Water	6010B	18188
MB 240-18188/1-A	Method Blank	Total Recoverable	Water	6010B	18188

General Chemistry

Analysis Batch: 18008

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-4200-38	GW-17360-092311-EM-038	Total/NA	Water	9056A	
240-4200-38 MS	GW-17360-092311-EM-038	Total/NA	Water	9056A	
240-4200-38 MSD	GW-17360-092311-EM-038	Total/NA	Water	9056A	
LCS 240-18008/6	Lab Control Sample	Total/NA	Water	9056A	
MB 240-18008/5	Method Blank	Total/NA	Water	9056A	

QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-17309/5

Matrix: Water

Analysis Batch: 17309

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.65	J	10	1.1	ug/L			09/30/11 00:32	1
Benzene	1.0	U	1.0	0.13	ug/L			09/30/11 00:32	1
Bromodichloromethane	1.0	U	1.0	0.15	ug/L			09/30/11 00:32	1
Bromoform	1.0	U	1.0	0.64	ug/L			09/30/11 00:32	1
Bromomethane	1.0	U	1.0	0.41	ug/L			09/30/11 00:32	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			09/30/11 00:32	1
Carbon disulfide	5.0	U	5.0	0.13	ug/L			09/30/11 00:32	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			09/30/11 00:32	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			09/30/11 00:32	1
Chloroethane	1.0	U	1.0	0.29	ug/L			09/30/11 00:32	1
Chloroform	1.0	U	1.0	0.16	ug/L			09/30/11 00:32	1
Chloromethane	1.0	U	1.0	0.30	ug/L			09/30/11 00:32	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			09/30/11 00:32	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			09/30/11 00:32	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/30/11 00:32	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			09/30/11 00:32	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			09/30/11 00:32	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			09/30/11 00:32	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			09/30/11 00:32	1
2-Hexanone	10	U	10	0.41	ug/L			09/30/11 00:32	1
Methylene Chloride	5.0	U	5.0	0.33	ug/L			09/30/11 00:32	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			09/30/11 00:32	1
Styrene	1.0	U	1.0	0.11	ug/L			09/30/11 00:32	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			09/30/11 00:32	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			09/30/11 00:32	1
Toluene	1.0	U	1.0	0.13	ug/L			09/30/11 00:32	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			09/30/11 00:32	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			09/30/11 00:32	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			09/30/11 00:32	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/30/11 00:32	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			09/30/11 00:32	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			09/30/11 00:32	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.67	ug/L			09/30/11 00:32	1
1,2-Dibromoethane	1.0	U	1.0	0.24	ug/L			09/30/11 00:32	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			09/30/11 00:32	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			09/30/11 00:32	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/30/11 00:32	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			09/30/11 00:32	1
Methyl acetate	10	U	10	0.38	ug/L			09/30/11 00:32	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			09/30/11 00:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			09/30/11 00:32	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			09/30/11 00:32	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/30/11 00:32	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			09/30/11 00:32	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/30/11 00:32	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			09/30/11 00:32	1
Dibromochloromethane	1.0	U	1.0	0.18	ug/L			09/30/11 00:32	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			09/30/11 00:32	1

QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

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

Lab Sample ID: MB 240-17309/5

Matrix: Water

Analysis Batch: 17309

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	% Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	101		63 - 129		09/30/11 00:32	1
4-Bromofluorobenzene (Surr)	96		66 - 117		09/30/11 00:32	1
Toluene-d8 (Surr)	113		74 - 115		09/30/11 00:32	1
Dibromofluoromethane (Surr)	92		75 - 121		09/30/11 00:32	1

Lab Sample ID: LCS 240-17309/4

Matrix: Water

Analysis Batch: 17309

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS LCS		Unit	D	% Rec	% Rec. Limits
		Result	Qualifier				
Acetone	20.0	29.1	*	ug/L		146	43 - 136
Benzene	10.0	9.61		ug/L		96	83 - 112
Bromodichloromethane	10.0	8.49		ug/L		85	72 - 121
Bromoform	10.0	8.10		ug/L		81	40 - 131
Bromomethane	10.0	8.48		ug/L		85	11 - 185
2-Butanone (MEK)	20.0	22.7		ug/L		114	60 - 126
Carbon disulfide	10.0	8.21		ug/L		82	62 - 142
Carbon tetrachloride	10.0	8.41		ug/L		84	66 - 128
Chlorobenzene	10.0	9.89		ug/L		99	85 - 110
Chloroethane	10.0	8.51		ug/L		85	25 - 153
Chloroform	10.0	9.71		ug/L		97	79 - 117
Chloromethane	10.0	8.50		ug/L		85	44 - 126
1,1-Dichloroethane	10.0	9.66		ug/L		97	82 - 115
1,2-Dichloroethane	10.0	10.3		ug/L		103	71 - 127
1,1-Dichloroethene	10.0	9.62		ug/L		96	78 - 131
1,2-Dichloropropane	10.0	9.92		ug/L		99	81 - 115
cis-1,3-Dichloropropene	10.0	7.71		ug/L		77	61 - 115
trans-1,3-Dichloropropene	10.0	8.24		ug/L		82	58 - 117
Ethylbenzene	10.0	10.0		ug/L		100	83 - 112
2-Hexanone	20.0	21.2		ug/L		106	55 - 133
Methylene Chloride	10.0	9.58		ug/L		96	66 - 131
4-Methyl-2-pentanone (MIBK)	20.0	21.2		ug/L		106	63 - 128
Styrene	10.0	9.71		ug/L		97	79 - 114
1,1,2,2-Tetrachloroethane	10.0	13.0	*	ug/L		130	68 - 118
Tetrachloroethene	10.0	9.03		ug/L		90	79 - 114
Toluene	10.0	10.1		ug/L		101	84 - 111
Trichloroethene	10.0	8.49		ug/L		85	76 - 117
Vinyl chloride	10.0	9.23		ug/L		92	53 - 127
Xylenes, Total	30.0	30.6		ug/L		102	83 - 112
1,1,1-Trichloroethane	10.0	8.81		ug/L		88	74 - 118
1,1,2-Trichloroethane	10.0	10.1		ug/L		101	80 - 112
Cyclohexane	10.0	8.63		ug/L		86	54 - 121
1,2-Dibromo-3-Chloropropane	10.0	9.00		ug/L		90	42 - 136
1,2-Dibromoethane	10.0	10.0		ug/L		100	79 - 113
Dichlorodifluoromethane	10.0	6.36		ug/L		64	19 - 129
cis-1,2-Dichloroethene	10.0	9.41		ug/L		94	80 - 113
trans-1,2-Dichloroethene	10.0	9.44		ug/L		94	83 - 117
Isopropylbenzene	10.0	9.93		ug/L		99	75 - 114
Methyl acetate	10.0	11.1		ug/L		111	58 - 131

QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

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

Lab Sample ID: LCS 240-17309/4

Matrix: Water

Analysis Batch: 17309

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Methyl tert-butyl ether	10.0	9.70		ug/L		97	52 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	9.58		ug/L		96	74 - 151
1,2,4-Trichlorobenzene	10.0	9.97		ug/L		100	48 - 135
1,2-Dichlorobenzene	10.0	10.7		ug/L		107	81 - 110
1,3-Dichlorobenzene	10.0	10.0		ug/L		100	80 - 110
1,4-Dichlorobenzene	10.0	9.84		ug/L		98	82 - 110
Trichlorofluoromethane	10.0	8.92		ug/L		89	49 - 157
Dibromochloromethane	10.0	8.73		ug/L		87	64 - 119
Methylcyclohexane	10.0	8.49		ug/L		85	56 - 127

Surrogate	LCS LCS		Limits
	% Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	101		63 - 129
4-Bromofluorobenzene (Surr)	107		66 - 117
Toluene-d8 (Surr)	109		74 - 115
Dibromofluoromethane (Surr)	97		75 - 121

Lab Sample ID: 240-4200-15 MS

Matrix: Water

Analysis Batch: 17309

Client Sample ID: GW-17360-092211-EM-015

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Acetone	2.2	J * B	20.0	25.9		ug/L		119	33 - 145
Benzene	1.0	U	10.0	8.97		ug/L		90	72 - 121
Bromodichloromethane	1.0	U	10.0	7.68		ug/L		77	67 - 120
Bromoform	1.0	U	10.0	6.38		ug/L		64	32 - 128
Bromomethane	1.0	U	10.0	7.17		ug/L		72	10 - 186
2-Butanone (MEK)	10	U	20.0	20.1		ug/L		101	54 - 129
Carbon disulfide	5.0	U	10.0	7.22		ug/L		72	57 - 147
Carbon tetrachloride	1.0	U	10.0	7.46		ug/L		75	59 - 129
Chlorobenzene	1.0	U	10.0	9.14		ug/L		91	80 - 110
Chloroethane	1.0	U	10.0	7.62		ug/L		76	21 - 165
Chloroform	1.0	U	10.0	10.2		ug/L		92	76 - 118
Chloromethane	1.0	U	10.0	7.36		ug/L		74	33 - 132
1,1-Dichloroethane	1.0	U	10.0	9.06		ug/L		91	79 - 116
1,2-Dichloroethane	1.0	U	10.0	9.28		ug/L		93	68 - 129
1,1-Dichloroethene	1.0	U	10.0	8.20		ug/L		82	74 - 135
1,2-Dichloropropane	1.0	U	10.0	9.25		ug/L		93	78 - 115
cis-1,3-Dichloropropene	1.0	U	10.0	6.34		ug/L		63	51 - 110
trans-1,3-Dichloropropene	1.0	U	10.0	6.57		ug/L		66	46 - 116
Ethylbenzene	1.0	U	10.0	8.97		ug/L		90	75 - 116
2-Hexanone	10	U	20.0	17.5		ug/L		88	47 - 139
Methylene Chloride	5.0	U	10.0	8.78		ug/L		88	63 - 128
4-Methyl-2-pentanone (MIBK)	10	U	20.0	17.8		ug/L		89	56 - 131
Styrene	1.0	U	10.0	8.62		ug/L		86	71 - 117
1,1,2,2-Tetrachloroethane	1.0	U *	10.0	12.2		ug/L		122	63 - 122
Tetrachloroethene	0.30	J	10.0	8.24		ug/L		79	70 - 117
Toluene	1.0	U	10.0	9.40		ug/L		94	78 - 114
Trichloroethene	0.17	J	10.0	7.69		ug/L		75	66 - 120
Vinyl chloride	1.0	U	10.0	8.01		ug/L		80	49 - 130

QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

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

Lab Sample ID: 240-4200-15 MS

Matrix: Water

Analysis Batch: 17309

Client Sample ID: GW-17360-092211-EM-015

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	% Rec	% Rec.	Limits
	Result	Qualifier	Added	Result	Qualifier					
Xylenes, Total	2.0	U	30.0	27.9		ug/L		93	76 - 116	
1,1,1-Trichloroethane	1.0	U	10.0	8.11		ug/L		81	68 - 121	
1,1,2-Trichloroethane	1.0	U	10.0	9.18		ug/L		92	75 - 115	
Cyclohexane	1.0	U	10.0	7.61		ug/L		76	49 - 123	
1,2-Dibromo-3-Chloropropane	1.0	U	10.0	6.46		ug/L		65	32 - 139	
1,2-Dibromoethane	1.0	U	10.0	8.78		ug/L		88	74 - 113	
Dichlorodifluoromethane	1.0	U	10.0	5.49		ug/L		55	17 - 128	
cis-1,2-Dichloroethene	1.0	U	10.0	8.78		ug/L		88	70 - 120	
trans-1,2-Dichloroethene	1.0	U	10.0	8.56		ug/L		86	80 - 119	
Isopropylbenzene	1.0	U	10.0	8.63		ug/L		86	68 - 116	
Methyl acetate	10	U	10.0	7.93	J	ug/L		79	47 - 130	
Methyl tert-butyl ether	0.35	J	10.0	9.14		ug/L		88	46 - 144	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	10.0	7.49		ug/L		75	70 - 152	
1,2,4-Trichlorobenzene	1.0	U	10.0	8.05		ug/L		81	38 - 138	
1,2-Dichlorobenzene	1.0	U	10.0	9.48		ug/L		95	75 - 111	
1,3-Dichlorobenzene	1.0	U	10.0	9.45		ug/L		95	73 - 110	
1,4-Dichlorobenzene	1.0	U	10.0	8.85		ug/L		89	75 - 110	
Trichlorofluoromethane	1.0	U	10.0	8.36		ug/L		84	46 - 157	
Dibromochloromethane	1.0	U	10.0	7.33		ug/L		73	56 - 118	
Methylcyclohexane	1.0	U	10.0	6.81		ug/L		68	49 - 127	

Surrogate	MS	MS	Limits
	% Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	99		63 - 129
4-Bromofluorobenzene (Surr)	103		66 - 117
Toluene-d8 (Surr)	107		74 - 115
Dibromofluoromethane (Surr)	95		75 - 121

Lab Sample ID: 240-4200-15 MSD

Matrix: Water

Analysis Batch: 17309

Client Sample ID: GW-17360-092211-EM-015

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	% Rec	% Rec.	Limits	RPD	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier								
Acetone	2.2	J * B	20.0	29.2		ug/L		135	33 - 145	12	30		
Benzene	1.0	U	10.0	8.90		ug/L		89	72 - 121	1	30		
Bromodichloromethane	1.0	U	10.0	7.63		ug/L		76	67 - 120	1	30		
Bromoform	1.0	U	10.0	6.40		ug/L		64	32 - 128	0	30		
Bromomethane	1.0	U	10.0	7.88		ug/L		79	10 - 186	9	30		
2-Butanone (MEK)	10	U	20.0	20.2		ug/L		101	54 - 129	0	30		
Carbon disulfide	5.0	U	10.0	7.50		ug/L		75	57 - 147	4	30		
Carbon tetrachloride	1.0	U	10.0	7.58		ug/L		76	59 - 129	2	30		
Chlorobenzene	1.0	U	10.0	8.93		ug/L		89	80 - 110	2	30		
Chloroethane	1.0	U	10.0	7.82		ug/L		78	21 - 165	3	30		
Chloroform	1.0		10.0	10.1		ug/L		91	76 - 118	1	30		
Chloromethane	1.0	U	10.0	7.50		ug/L		75	33 - 132	2	30		
1,1-Dichloroethane	1.0	U	10.0	9.05		ug/L		91	79 - 116	0	30		
1,2-Dichloroethane	1.0	U	10.0	9.31		ug/L		93	68 - 129	0	30		
1,1-Dichloroethene	1.0	U	10.0	8.84		ug/L		88	74 - 135	8	30		
1,2-Dichloropropane	1.0	U	10.0	9.20		ug/L		92	78 - 115	1	30		
cis-1,3-Dichloropropene	1.0	U	10.0	6.33		ug/L		63	51 - 110	0	30		

QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

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

Lab Sample ID: 240-4200-15 MSD

Matrix: Water

Analysis Batch: 17309

Client Sample ID: GW-17360-092211-EM-015

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	% Rec	% Rec.		RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD		
trans-1,3-Dichloropropene	1.0	U	10.0	6.56		ug/L		66	46 - 116	0	30	
Ethylbenzene	1.0	U	10.0	8.95		ug/L		90	75 - 116	0	30	
2-Hexanone	10	U	20.0	17.5		ug/L		88	47 - 139	0	30	
Methylene Chloride	5.0	U	10.0	8.96		ug/L		90	63 - 128	2	30	
4-Methyl-2-pentanone (MIBK)	10	U	20.0	17.6		ug/L		88	56 - 131	1	30	
Styrene	1.0	U	10.0	8.52		ug/L		85	71 - 117	1	30	
1,1,2,2-Tetrachloroethane	1.0	U *	10.0	11.9		ug/L		119	63 - 122	2	30	
Tetrachloroethene	0.30	J	10.0	8.01		ug/L		77	70 - 117	3	30	
Toluene	1.0	U	10.0	9.40		ug/L		94	78 - 114	0	30	
Trichloroethene	0.17	J	10.0	7.47		ug/L		73	66 - 120	3	30	
Vinyl chloride	1.0	U	10.0	8.15		ug/L		82	49 - 130	2	30	
Xylenes, Total	2.0	U	30.0	27.4		ug/L		91	76 - 116	2	30	
1,1,1-Trichloroethane	1.0	U	10.0	8.27		ug/L		83	68 - 121	2	30	
1,1,2-Trichloroethane	1.0	U	10.0	9.19		ug/L		92	75 - 115	0	30	
Cyclohexane	1.0	U	10.0	7.50		ug/L		75	49 - 123	1	30	
1,2-Dibromo-3-Chloropropane	1.0	U	10.0	6.43		ug/L		64	32 - 139	0	30	
1,2-Dibromoethane	1.0	U	10.0	8.67		ug/L		87	74 - 113	1	30	
Dichlorodifluoromethane	1.0	U	10.0	5.93		ug/L		59	17 - 128	8	30	
cis-1,2-Dichloroethene	1.0	U	10.0	8.82		ug/L		88	70 - 120	0	30	
trans-1,2-Dichloroethene	1.0	U	10.0	8.84		ug/L		88	80 - 119	3	30	
Isopropylbenzene	1.0	U	10.0	8.46		ug/L		85	68 - 116	2	30	
Methyl acetate	10	U	10.0	7.99	J	ug/L		80	47 - 130	1	30	
Methyl tert-butyl ether	0.35	J	10.0	9.21		ug/L		89	46 - 144	1	30	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	10.0	8.99		ug/L		90	70 - 152	18	30	
1,2,4-Trichlorobenzene	1.0	U	10.0	7.85		ug/L		79	38 - 138	3	30	
1,2-Dichlorobenzene	1.0	U	10.0	9.34		ug/L		93	75 - 111	1	30	
1,3-Dichlorobenzene	1.0	U	10.0	8.94		ug/L		89	73 - 110	6	30	
1,4-Dichlorobenzene	1.0	U	10.0	8.50		ug/L		85	75 - 110	4	30	
Trichlorofluoromethane	1.0	U	10.0	8.56		ug/L		86	46 - 157	2	30	
Dibromochloromethane	1.0	U	10.0	7.37		ug/L		74	56 - 118	1	30	
Methylcyclohexane	1.0	U	10.0	6.68		ug/L		67	49 - 127	2	30	

Surrogate	MSD MSD		Limits
	% Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	98		63 - 129
4-Bromofluorobenzene (Surr)	104		66 - 117
Toluene-d8 (Surr)	108		74 - 115
Dibromofluoromethane (Surr)	96		75 - 121

Lab Sample ID: MB 240-17485/5

Matrix: Water

Analysis Batch: 17485

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Acetone	2.71	J	10	1.1	ug/L			10/01/11 14:14	1
Benzene	1.0	U	1.0	0.13	ug/L			10/01/11 14:14	1
Bromodichloromethane	1.0	U	1.0	0.15	ug/L			10/01/11 14:14	1
Bromoform	1.0	U	1.0	0.64	ug/L			10/01/11 14:14	1
Bromomethane	1.0	U	1.0	0.41	ug/L			10/01/11 14:14	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			10/01/11 14:14	1

QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

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

Lab Sample ID: MB 240-17485/5

Matrix: Water

Analysis Batch: 17485

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Carbon disulfide	5.0	U	5.0	0.13	ug/L			10/01/11 14:14	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			10/01/11 14:14	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			10/01/11 14:14	1
Chloroethane	1.0	U	1.0	0.29	ug/L			10/01/11 14:14	1
Chloroform	1.0	U	1.0	0.16	ug/L			10/01/11 14:14	1
Chloromethane	1.0	U	1.0	0.30	ug/L			10/01/11 14:14	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			10/01/11 14:14	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			10/01/11 14:14	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			10/01/11 14:14	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			10/01/11 14:14	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			10/01/11 14:14	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			10/01/11 14:14	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			10/01/11 14:14	1
2-Hexanone	10	U	10	0.41	ug/L			10/01/11 14:14	1
Methylene Chloride	5.0	U	5.0	0.33	ug/L			10/01/11 14:14	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			10/01/11 14:14	1
Styrene	1.0	U	1.0	0.11	ug/L			10/01/11 14:14	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			10/01/11 14:14	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			10/01/11 14:14	1
Toluene	1.0	U	1.0	0.13	ug/L			10/01/11 14:14	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			10/01/11 14:14	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			10/01/11 14:14	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			10/01/11 14:14	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			10/01/11 14:14	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			10/01/11 14:14	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			10/01/11 14:14	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.67	ug/L			10/01/11 14:14	1
1,2-Dibromoethane	1.0	U	1.0	0.24	ug/L			10/01/11 14:14	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			10/01/11 14:14	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			10/01/11 14:14	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			10/01/11 14:14	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			10/01/11 14:14	1
Methyl acetate	10	U	10	0.38	ug/L			10/01/11 14:14	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			10/01/11 14:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			10/01/11 14:14	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			10/01/11 14:14	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			10/01/11 14:14	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			10/01/11 14:14	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			10/01/11 14:14	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			10/01/11 14:14	1
Dibromochloromethane	1.0	U	1.0	0.18	ug/L			10/01/11 14:14	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			10/01/11 14:14	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	% Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	101		63 - 129		10/01/11 14:14	1
4-Bromofluorobenzene (Surr)	91		66 - 117		10/01/11 14:14	1
Toluene-d8 (Surr)	110		74 - 115		10/01/11 14:14	1
Dibromofluoromethane (Surr)	86		75 - 121		10/01/11 14:14	1

QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

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

Lab Sample ID: LCS 240-17485/4

Matrix: Water

Analysis Batch: 17485

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Acetone	20.0	26.3		ug/L		132	43 - 136
Benzene	10.0	9.31		ug/L		93	83 - 112
Bromodichloromethane	10.0	8.42		ug/L		84	72 - 121
Bromoform	10.0	7.65		ug/L		77	40 - 131
Bromomethane	10.0	8.41		ug/L		84	11 - 185
2-Butanone (MEK)	20.0	25.9	*	ug/L		130	60 - 126
Carbon disulfide	10.0	7.51		ug/L		75	62 - 142
Carbon tetrachloride	10.0	8.12		ug/L		81	66 - 128
Chlorobenzene	10.0	9.89		ug/L		99	85 - 110
Chloroethane	10.0	8.48		ug/L		85	25 - 153
Chloroform	10.0	9.03		ug/L		90	79 - 117
Chloromethane	10.0	8.14		ug/L		81	44 - 126
1,1-Dichloroethane	10.0	9.12		ug/L		91	82 - 115
1,2-Dichloroethane	10.0	9.89		ug/L		99	71 - 127
1,1-Dichloroethene	10.0	9.01		ug/L		90	78 - 131
1,2-Dichloropropane	10.0	9.86		ug/L		99	81 - 115
cis-1,3-Dichloropropene	10.0	8.21		ug/L		82	61 - 115
trans-1,3-Dichloropropene	10.0	8.81		ug/L		88	58 - 117
Ethylbenzene	10.0	9.65		ug/L		97	83 - 112
2-Hexanone	20.0	23.8		ug/L		119	55 - 133
Methylene Chloride	10.0	8.71		ug/L		87	66 - 131
4-Methyl-2-pentanone (MIBK)	20.0	21.9		ug/L		110	63 - 128
Styrene	10.0	9.41		ug/L		94	79 - 114
1,1,2,2-Tetrachloroethane	10.0	13.9	*	ug/L		139	68 - 118
Tetrachloroethene	10.0	9.31		ug/L		93	79 - 114
Toluene	10.0	10.0		ug/L		100	84 - 111
Trichloroethene	10.0	8.26		ug/L		83	76 - 117
Vinyl chloride	10.0	9.08		ug/L		91	53 - 127
Xylenes, Total	30.0	29.6		ug/L		99	83 - 112
1,1,1-Trichloroethane	10.0	8.33		ug/L		83	74 - 118
1,1,2-Trichloroethane	10.0	10.5		ug/L		105	80 - 112
Cyclohexane	10.0	9.27		ug/L		93	54 - 121
1,2-Dibromo-3-Chloropropane	10.0	8.65		ug/L		87	42 - 136
1,2-Dibromoethane	10.0	10.1		ug/L		101	79 - 113
Dichlorodifluoromethane	10.0	6.82		ug/L		68	19 - 129
cis-1,2-Dichloroethene	10.0	8.77		ug/L		88	80 - 113
trans-1,2-Dichloroethene	10.0	8.78		ug/L		88	83 - 117
Isopropylbenzene	10.0	9.49		ug/L		95	75 - 114
Methyl acetate	10.0	11.5		ug/L		115	58 - 131
Methyl tert-butyl ether	10.0	8.86		ug/L		89	52 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	8.89		ug/L		89	74 - 151
1,2,4-Trichlorobenzene	10.0	9.30		ug/L		93	48 - 135
1,2-Dichlorobenzene	10.0	10.3		ug/L		103	81 - 110
1,3-Dichlorobenzene	10.0	10.1		ug/L		101	80 - 110
1,4-Dichlorobenzene	10.0	9.79		ug/L		98	82 - 110
Trichlorofluoromethane	10.0	8.73		ug/L		87	49 - 157
Dibromochloromethane	10.0	8.38		ug/L		84	64 - 119
Methylcyclohexane	10.0	9.17		ug/L		92	56 - 127

QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

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

Lab Sample ID: LCS 240-17485/4

Matrix: Water

Analysis Batch: 17485

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Surrogate	LCS LCS		Limits
	% Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	101		63 - 129
4-Bromofluorobenzene (Surr)	102		66 - 117
Toluene-d8 (Surr)	107		74 - 115
Dibromofluoromethane (Surr)	92		75 - 121

Lab Sample ID: 240-4200-38 MS

Matrix: Water

Analysis Batch: 17485

Client Sample ID: GW-17360-092311-EM-038

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS MS		Unit	D	% Rec	% Rec.	Limits
	Result	Qualifier		Result	Qualifier					
Acetone	3.0	J B	20.0	25.9		ug/L		115	33 - 145	
Benzene	1.0	U	10.0	9.04		ug/L		90	72 - 121	
Bromodichloromethane	1.0	U	10.0	7.49		ug/L		75	67 - 120	
Bromoform	1.0	U	10.0	6.11		ug/L		61	32 - 128	
Bromomethane	1.0	U	10.0	7.84		ug/L		78	10 - 186	
2-Butanone (MEK)	10	U *	20.0	23.3		ug/L		117	54 - 129	
Carbon disulfide	5.0	U	10.0	6.21		ug/L		62	57 - 147	
Carbon tetrachloride	1.0	U	10.0	6.56		ug/L		66	59 - 129	
Chlorobenzene	1.0	U	10.0	9.23		ug/L		92	80 - 110	
Chloroethane	1.0	U	10.0	8.11		ug/L		81	21 - 165	
Chloroform	0.50	J	10.0	9.33		ug/L		88	76 - 118	
Chloromethane	1.0	U	10.0	7.56		ug/L		76	33 - 132	
1,1-Dichloroethane	1.0	U	10.0	8.78		ug/L		88	79 - 116	
1,2-Dichloroethane	1.0	U	10.0	9.64		ug/L		96	68 - 129	
1,1-Dichloroethene	1.0	U	10.0	8.51		ug/L		85	74 - 135	
1,2-Dichloropropane	1.0	U	10.0	9.48		ug/L		95	78 - 115	
cis-1,3-Dichloropropene	1.0	U	10.0	6.92		ug/L		69	51 - 110	
trans-1,3-Dichloropropene	1.0	U	10.0	7.30		ug/L		73	46 - 116	
Ethylbenzene	1.0	U	10.0	8.62		ug/L		86	75 - 116	
2-Hexanone	10	U	20.0	19.7		ug/L		99	47 - 139	
Methylene Chloride	5.0	U	10.0	8.27		ug/L		83	63 - 128	
4-Methyl-2-pentanone (MIBK)	10	U	20.0	20.1		ug/L		101	56 - 131	
Styrene	1.0	U	10.0	8.54		ug/L		85	71 - 117	
1,1,2,2-Tetrachloroethane	1.0	U *	10.0	13.3	F	ug/L		133	63 - 122	
Tetrachloroethene	27		10.0	31.1	F	ug/L		39	70 - 117	
Toluene	1.0	U	10.0	9.41		ug/L		94	78 - 114	
Trichloroethene	1.7		10.0	9.43		ug/L		78	66 - 120	
Vinyl chloride	1.0	U	10.0	8.08		ug/L		81	49 - 130	
Xylenes, Total	2.0	U	30.0	26.8		ug/L		89	76 - 116	
1,1,1-Trichloroethane	1.0	U	10.0	7.47		ug/L		75	68 - 121	
1,1,2-Trichloroethane	1.0	U	10.0	9.83		ug/L		98	75 - 115	
Cyclohexane	1.0	U	10.0	7.14		ug/L		71	49 - 123	
1,2-Dibromo-3-Chloropropane	1.0	U	10.0	7.39		ug/L		74	32 - 139	
1,2-Dibromoethane	1.0	U	10.0	9.51		ug/L		95	74 - 113	
Dichlorodifluoromethane	1.0	U	10.0	4.82		ug/L		48	17 - 128	
cis-1,2-Dichloroethene	1.0	U	10.0	8.90		ug/L		89	70 - 120	
trans-1,2-Dichloroethene	1.0	U	10.0	8.30		ug/L		83	80 - 119	
Isopropylbenzene	1.0	U	10.0	8.30		ug/L		83	68 - 116	
Methyl acetate	10	U	10.0	9.40	J	ug/L		94	47 - 130	

QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

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

Lab Sample ID: 240-4200-38 MS

Matrix: Water

Analysis Batch: 17485

Client Sample ID: GW-17360-092311-EM-038

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS		Unit	D	% Rec	% Rec.	Limits	
	Result	Qualifier		Result	Qualifier						
Methyl tert-butyl ether	5.0	U	10.0	8.47		ug/L		85	46 - 144		
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	10.0	7.52		ug/L		75	70 - 152		
1,2,4-Trichlorobenzene	1.0	U	10.0	8.26		ug/L		83	38 - 138		
1,2-Dichlorobenzene	1.0	U	10.0	9.68		ug/L		97	75 - 111		
1,3-Dichlorobenzene	1.0	U	10.0	9.40		ug/L		94	73 - 110		
1,4-Dichlorobenzene	1.0	U	10.0	8.99		ug/L		90	75 - 110		
Trichlorofluoromethane	1.0	U	10.0	7.23		ug/L		72	46 - 157		
Dibromochloromethane	1.0	U	10.0	7.33		ug/L		73	56 - 118		
Methylcyclohexane	1.0	U	10.0	6.73		ug/L		67	49 - 127		
MS MS											
Surrogate	% Recovery	Qualifier	Limits								
1,2-Dichloroethane-d4 (Surr)	99		63 - 129								
4-Bromofluorobenzene (Surr)	97		66 - 117								
Toluene-d8 (Surr)	104		74 - 115								
Dibromofluoromethane (Surr)	89		75 - 121								

Lab Sample ID: 240-4200-38 MSD

Matrix: Water

Analysis Batch: 17485

Client Sample ID: GW-17360-092311-EM-038

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD		Unit	D	% Rec	% Rec.	Limits	RPD	RPD	Limit
	Result	Qualifier		Result	Qualifier								
Acetone	3.0	J B	20.0	25.6		ug/L		113	33 - 145	1	30		
Benzene	1.0	U	10.0	9.00		ug/L		90	72 - 121	0	30		
Bromodichloromethane	1.0	U	10.0	7.89		ug/L		79	67 - 120	5	30		
Bromoform	1.0	U	10.0	6.53		ug/L		65	32 - 128	7	30		
Bromomethane	1.0	U	10.0	6.60		ug/L		66	10 - 186	17	30		
2-Butanone (MEK)	10	U *	20.0	23.9		ug/L		120	54 - 129	3	30		
Carbon disulfide	5.0	U	10.0	6.54		ug/L		65	57 - 147	5	30		
Carbon tetrachloride	1.0	U	10.0	7.34		ug/L		73	59 - 129	11	30		
Chlorobenzene	1.0	U	10.0	9.37		ug/L		94	80 - 110	2	30		
Chloroethane	1.0	U	10.0	7.38		ug/L		74	21 - 165	9	30		
Chloroform	0.50	J	10.0	9.20		ug/L		87	76 - 118	1	30		
Chloromethane	1.0	U	10.0	7.21		ug/L		72	33 - 132	5	30		
1,1-Dichloroethane	1.0	U	10.0	8.76		ug/L		88	79 - 116	0	30		
1,2-Dichloroethane	1.0	U	10.0	9.51		ug/L		95	68 - 129	1	30		
1,1-Dichloroethene	1.0	U	10.0	7.96		ug/L		80	74 - 135	7	30		
1,2-Dichloropropane	1.0	U	10.0	9.46		ug/L		95	78 - 115	0	30		
cis-1,3-Dichloropropene	1.0	U	10.0	7.17		ug/L		72	51 - 110	4	30		
trans-1,3-Dichloropropene	1.0	U	10.0	7.61		ug/L		76	46 - 116	4	30		
Ethylbenzene	1.0	U	10.0	9.28		ug/L		93	75 - 116	7	30		
2-Hexanone	10	U	20.0	20.8		ug/L		104	47 - 139	5	30		
Methylene Chloride	5.0	U	10.0	8.03		ug/L		80	63 - 128	3	30		
4-Methyl-2-pentanone (MIBK)	10	U	20.0	20.4		ug/L		102	56 - 131	1	30		
Styrene	1.0	U	10.0	8.72		ug/L		87	71 - 117	2	30		
1,1,2,2-Tetrachloroethane	1.0	U *	10.0	13.4	F	ug/L		134	63 - 122	1	30		
Tetrachloroethene	27		10.0	33.7	F	ug/L		65	70 - 117	8	30		
Toluene	1.0	U	10.0	9.60		ug/L		96	78 - 114	2	30		
Trichloroethene	1.7		10.0	9.70		ug/L		80	66 - 120	3	30		
Vinyl chloride	1.0	U	10.0	8.36		ug/L		84	49 - 130	3	30		

QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

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

Lab Sample ID: 240-4200-38 MSD

Matrix: Water

Analysis Batch: 17485

Client Sample ID: GW-17360-092311-EM-038

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	% Rec	% Rec.		RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD		
Xylenes, Total	2.0	U	30.0	28.2		ug/L		94	76 - 116	5	30	
1,1,1-Trichloroethane	1.0	U	10.0	7.69		ug/L		77	68 - 121	3	30	
1,1,2-Trichloroethane	1.0	U	10.0	9.92		ug/L		99	75 - 115	1	30	
Cyclohexane	1.0	U	10.0	8.65		ug/L		87	49 - 123	19	30	
1,2-Dibromo-3-Chloropropane	1.0	U	10.0	7.08		ug/L		71	32 - 139	4	30	
1,2-Dibromoethane	1.0	U	10.0	9.68		ug/L		97	74 - 113	2	30	
Dichlorodifluoromethane	1.0	U	10.0	5.91		ug/L		59	17 - 128	20	30	
cis-1,2-Dichloroethene	1.0	U	10.0	8.80		ug/L		88	70 - 120	1	30	
trans-1,2-Dichloroethene	1.0	U	10.0	8.31		ug/L		83	80 - 119	0	30	
Isopropylbenzene	1.0	U	10.0	8.88		ug/L		89	68 - 116	7	30	
Methyl acetate	10	U	10.0	9.33	J	ug/L		93	47 - 130	1	30	
Methyl tert-butyl ether	5.0	U	10.0	8.37		ug/L		84	46 - 144	1	30	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	10.0	7.98		ug/L		80	70 - 152	6	30	
1,2,4-Trichlorobenzene	1.0	U	10.0	8.37		ug/L		84	38 - 138	1	30	
1,2-Dichlorobenzene	1.0	U	10.0	9.91		ug/L		99	75 - 111	2	30	
1,3-Dichlorobenzene	1.0	U	10.0	9.70		ug/L		97	73 - 110	3	30	
1,4-Dichlorobenzene	1.0	U	10.0	9.14		ug/L		91	75 - 110	2	30	
Trichlorofluoromethane	1.0	U	10.0	7.59		ug/L		76	46 - 157	5	30	
Dibromochloromethane	1.0	U	10.0	7.68		ug/L		77	56 - 118	5	30	
Methylcyclohexane	1.0	U	10.0	8.37		ug/L		84	49 - 127	22	30	

Surrogate	MSD	MSD	Limits
	% Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	101		63 - 129
4-Bromofluorobenzene (Surr)	102		66 - 117
Toluene-d8 (Surr)	107		74 - 115
Dibromofluoromethane (Surr)	93		75 - 121

Lab Sample ID: MB 240-17575/5

Matrix: Water

Analysis Batch: 17575

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Acetone	3.23	J	10	1.1	ug/L			10/02/11 13:42	1
Benzene	1.0	U	1.0	0.13	ug/L			10/02/11 13:42	1
Bromodichloromethane	1.0	U	1.0	0.15	ug/L			10/02/11 13:42	1
Bromoform	1.0	U	1.0	0.64	ug/L			10/02/11 13:42	1
Bromomethane	1.0	U	1.0	0.41	ug/L			10/02/11 13:42	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			10/02/11 13:42	1
Carbon disulfide	5.0	U	5.0	0.13	ug/L			10/02/11 13:42	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			10/02/11 13:42	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			10/02/11 13:42	1
Chloroethane	1.0	U	1.0	0.29	ug/L			10/02/11 13:42	1
Chloroform	1.0	U	1.0	0.16	ug/L			10/02/11 13:42	1
Chloromethane	1.0	U	1.0	0.30	ug/L			10/02/11 13:42	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			10/02/11 13:42	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			10/02/11 13:42	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			10/02/11 13:42	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			10/02/11 13:42	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			10/02/11 13:42	1

QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

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

Lab Sample ID: MB 240-17575/5

Matrix: Water

Analysis Batch: 17575

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			10/02/11 13:42	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			10/02/11 13:42	1
2-Hexanone	10	U	10	0.41	ug/L			10/02/11 13:42	1
Methylene Chloride	0.394	J	5.0	0.33	ug/L			10/02/11 13:42	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			10/02/11 13:42	1
Styrene	1.0	U	1.0	0.11	ug/L			10/02/11 13:42	1
1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			10/02/11 13:42	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			10/02/11 13:42	1
Toluene	1.0	U	1.0	0.13	ug/L			10/02/11 13:42	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			10/02/11 13:42	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			10/02/11 13:42	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			10/02/11 13:42	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			10/02/11 13:42	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			10/02/11 13:42	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			10/02/11 13:42	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.67	ug/L			10/02/11 13:42	1
1,2-Dibromoethane	1.0	U	1.0	0.24	ug/L			10/02/11 13:42	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			10/02/11 13:42	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			10/02/11 13:42	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			10/02/11 13:42	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			10/02/11 13:42	1
Methyl acetate	10	U	10	0.38	ug/L			10/02/11 13:42	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			10/02/11 13:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			10/02/11 13:42	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			10/02/11 13:42	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			10/02/11 13:42	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			10/02/11 13:42	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			10/02/11 13:42	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			10/02/11 13:42	1
Dibromochloromethane	1.0	U	1.0	0.18	ug/L			10/02/11 13:42	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			10/02/11 13:42	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	% Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	100		63 - 129		10/02/11 13:42	1
4-Bromofluorobenzene (Surr)	93		66 - 117		10/02/11 13:42	1
Toluene-d8 (Surr)	109		74 - 115		10/02/11 13:42	1
Dibromofluoromethane (Surr)	84		75 - 121		10/02/11 13:42	1

Lab Sample ID: LCS 240-17575/4

Matrix: Water

Analysis Batch: 17575

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS	LCS	Unit	D	% Rec	% Rec.
		Result	Qualifier				Limits
Acetone	20.0	23.8		ug/L		119	43 - 136
Benzene	10.0	9.05		ug/L		91	83 - 112
Bromodichloromethane	10.0	8.11		ug/L		81	72 - 121
Bromoform	10.0	7.22		ug/L		72	40 - 131
Bromomethane	10.0	7.59		ug/L		76	11 - 185
2-Butanone (MEK)	20.0	23.7		ug/L		119	60 - 126

QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

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

Lab Sample ID: LCS 240-17575/4

Matrix: Water

Analysis Batch: 17575

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Carbon disulfide	10.0	6.76		ug/L		68	62 - 142
Carbon tetrachloride	10.0	7.66		ug/L		77	66 - 128
Chlorobenzene	10.0	9.46		ug/L		95	85 - 110
Chloroethane	10.0	7.86		ug/L		79	25 - 153
Chloroform	10.0	8.75		ug/L		88	79 - 117
Chloromethane	10.0	7.22		ug/L		72	44 - 126
1,1-Dichloroethane	10.0	8.67		ug/L		87	82 - 115
1,2-Dichloroethane	10.0	9.67		ug/L		97	71 - 127
1,1-Dichloroethene	10.0	8.67		ug/L		87	78 - 131
1,2-Dichloropropane	10.0	9.58		ug/L		96	81 - 115
cis-1,3-Dichloropropene	10.0	7.86		ug/L		79	61 - 115
trans-1,3-Dichloropropene	10.0	8.30		ug/L		83	58 - 117
Ethylbenzene	10.0	9.31		ug/L		93	83 - 112
2-Hexanone	20.0	21.8		ug/L		109	55 - 133
Methylene Chloride	10.0	8.38		ug/L		84	66 - 131
4-Methyl-2-pentanone (MIBK)	20.0	20.9		ug/L		105	63 - 128
Styrene	10.0	9.17		ug/L		92	79 - 114
1,1,2,2-Tetrachloroethane	10.0	12.4	*	ug/L		124	68 - 118
Tetrachloroethene	10.0	9.01		ug/L		90	79 - 114
Toluene	10.0	9.76		ug/L		98	84 - 111
Trichloroethene	10.0	8.52		ug/L		85	76 - 117
Vinyl chloride	10.0	8.19		ug/L		82	53 - 127
Xylenes, Total	30.0	28.4		ug/L		95	83 - 112
1,1,1-Trichloroethane	10.0	7.77		ug/L		78	74 - 118
1,1,2-Trichloroethane	10.0	10.2		ug/L		102	80 - 112
Cyclohexane	10.0	8.59		ug/L		86	54 - 121
1,2-Dibromo-3-Chloropropane	10.0	8.10		ug/L		81	42 - 136
1,2-Dibromoethane	10.0	9.81		ug/L		98	79 - 113
Dichlorodifluoromethane	10.0	5.64		ug/L		56	19 - 129
cis-1,2-Dichloroethene	10.0	8.39		ug/L		84	80 - 113
trans-1,2-Dichloroethene	10.0	8.36		ug/L		84	83 - 117
Isopropylbenzene	10.0	9.09		ug/L		91	75 - 114
Methyl acetate	10.0	10.7		ug/L		107	58 - 131
Methyl tert-butyl ether	10.0	8.38		ug/L		84	52 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	8.73		ug/L		87	74 - 151
1,2,4-Trichlorobenzene	10.0	8.60		ug/L		86	48 - 135
1,2-Dichlorobenzene	10.0	10.1		ug/L		101	81 - 110
1,3-Dichlorobenzene	10.0	9.94		ug/L		99	80 - 110
1,4-Dichlorobenzene	10.0	9.57		ug/L		96	82 - 110
Trichlorofluoromethane	10.0	7.92		ug/L		79	49 - 157
Dibromochloromethane	10.0	8.26		ug/L		83	64 - 119
Methylcyclohexane	10.0	8.59		ug/L		86	56 - 127

Surrogate	LCS LCS		Limits
	% Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	99		63 - 129
4-Bromofluorobenzene (Surr)	102		66 - 117
Toluene-d8 (Surr)	104		74 - 115
Dibromofluoromethane (Surr)	90		75 - 121

QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

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

Lab Sample ID: MB 240-17636/5

Matrix: Water

Analysis Batch: 17636

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Acetone	10	U	10	1.1	ug/L			10/03/11 11:22	1
Benzene	1.0	U	1.0	0.13	ug/L			10/03/11 11:22	1
Bromodichloromethane	1.0	U	1.0	0.15	ug/L			10/03/11 11:22	1
Bromoform	1.0	U	1.0	0.64	ug/L			10/03/11 11:22	1
Bromomethane	1.0	U	1.0	0.41	ug/L			10/03/11 11:22	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			10/03/11 11:22	1
Carbon disulfide	5.0	U	5.0	0.13	ug/L			10/03/11 11:22	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			10/03/11 11:22	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			10/03/11 11:22	1
Chloroethane	1.0	U	1.0	0.29	ug/L			10/03/11 11:22	1
Chloroform	1.0	U	1.0	0.16	ug/L			10/03/11 11:22	1
Chloromethane	1.0	U	1.0	0.30	ug/L			10/03/11 11:22	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			10/03/11 11:22	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			10/03/11 11:22	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			10/03/11 11:22	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			10/03/11 11:22	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			10/03/11 11:22	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			10/03/11 11:22	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			10/03/11 11:22	1
2-Hexanone	10	U	10	0.41	ug/L			10/03/11 11:22	1
Methylene Chloride	0.528	J	5.0	0.33	ug/L			10/03/11 11:22	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			10/03/11 11:22	1
Styrene	1.0	U	1.0	0.11	ug/L			10/03/11 11:22	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			10/03/11 11:22	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			10/03/11 11:22	1
Toluene	1.0	U	1.0	0.13	ug/L			10/03/11 11:22	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			10/03/11 11:22	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			10/03/11 11:22	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			10/03/11 11:22	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			10/03/11 11:22	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			10/03/11 11:22	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			10/03/11 11:22	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.67	ug/L			10/03/11 11:22	1
1,2-Dibromoethane	1.0	U	1.0	0.24	ug/L			10/03/11 11:22	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			10/03/11 11:22	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			10/03/11 11:22	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			10/03/11 11:22	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			10/03/11 11:22	1
Methyl acetate	10	U	10	0.38	ug/L			10/03/11 11:22	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			10/03/11 11:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			10/03/11 11:22	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			10/03/11 11:22	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			10/03/11 11:22	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			10/03/11 11:22	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			10/03/11 11:22	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			10/03/11 11:22	1
Dibromochloromethane	1.0	U	1.0	0.18	ug/L			10/03/11 11:22	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			10/03/11 11:22	1

QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

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

Lab Sample ID: MB 240-17636/5

Matrix: Water

Analysis Batch: 17636

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB MB	Limits	Prepared	Analyzed	Dil Fac
	% Recovery Qualifier				
1,2-Dichloroethane-d4 (Surr)	101	63 - 129		10/03/11 11:22	1
4-Bromofluorobenzene (Surr)	94	66 - 117		10/03/11 11:22	1
Toluene-d8 (Surr)	101	74 - 115		10/03/11 11:22	1
Dibromofluoromethane (Surr)	113	75 - 121		10/03/11 11:22	1

Lab Sample ID: LCS 240-17636/4

Matrix: Water

Analysis Batch: 17636

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Acetone	20.0	16.2		ug/L		81	43 - 136
Benzene	10.0	9.31		ug/L		93	83 - 112
Bromodichloromethane	10.0	10.1		ug/L		101	72 - 121
Bromoform	10.0	10.5		ug/L		105	40 - 131
Bromomethane	10.0	8.93		ug/L		89	11 - 185
2-Butanone (MEK)	20.0	15.9		ug/L		80	60 - 126
Carbon disulfide	10.0	8.63		ug/L		86	62 - 142
Carbon tetrachloride	10.0	11.0		ug/L		110	66 - 128
Chlorobenzene	10.0	10.6		ug/L		106	85 - 110
Chloroethane	10.0	7.02		ug/L		70	25 - 153
Chloroform	10.0	10.1		ug/L		101	79 - 117
Chloromethane	10.0	7.06		ug/L		71	44 - 126
1,1-Dichloroethane	10.0	8.75		ug/L		88	82 - 115
1,2-Dichloroethane	10.0	9.54		ug/L		95	71 - 127
1,1-Dichloroethene	10.0	9.80		ug/L		98	78 - 131
1,2-Dichloropropane	10.0	8.27		ug/L		83	81 - 115
cis-1,3-Dichloropropene	10.0	8.72		ug/L		87	61 - 115
trans-1,3-Dichloropropene	10.0	9.96		ug/L		100	58 - 117
Ethylbenzene	10.0	10.4		ug/L		104	83 - 112
2-Hexanone	20.0	17.5		ug/L		88	55 - 133
Methylene Chloride	10.0	9.44		ug/L		94	66 - 131
4-Methyl-2-pentanone (MIBK)	20.0	17.4		ug/L		87	63 - 128
Styrene	10.0	11.0		ug/L		110	79 - 114
1,1,2,2-Tetrachloroethane	10.0	8.32		ug/L		83	68 - 118
Tetrachloroethene	10.0	11.2		ug/L		112	79 - 114
Toluene	10.0	9.96		ug/L		100	84 - 111
Trichloroethene	10.0	10.7		ug/L		107	76 - 117
Vinyl chloride	10.0	7.39		ug/L		74	53 - 127
Xylenes, Total	30.0	32.0		ug/L		107	83 - 112
1,1,1-Trichloroethane	10.0	10.6		ug/L		106	74 - 118
1,1,2-Trichloroethane	10.0	10.3		ug/L		103	80 - 112
Cyclohexane	10.0	7.98		ug/L		80	54 - 121
1,2-Dibromo-3-Chloropropane	10.0	7.51		ug/L		75	42 - 136
1,2-Dibromoethane	10.0	10.4		ug/L		104	79 - 113
Dichlorodifluoromethane	10.0	8.18		ug/L		82	19 - 129
cis-1,2-Dichloroethene	10.0	9.89		ug/L		99	80 - 113
trans-1,2-Dichloroethene	10.0	10.5		ug/L		105	83 - 117
Isopropylbenzene	10.0	11.0		ug/L		110	75 - 114
Methyl acetate	10.0	7.70	J	ug/L		77	58 - 131

QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

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

Lab Sample ID: LCS 240-17636/4

Matrix: Water

Analysis Batch: 17636

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Methyl tert-butyl ether	10.0	9.91		ug/L		99	52 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	11.3		ug/L		113	74 - 151
1,2,4-Trichlorobenzene	10.0	6.87		ug/L		69	48 - 135
1,2-Dichlorobenzene	10.0	10.9		ug/L		109	81 - 110
1,3-Dichlorobenzene	10.0	9.76		ug/L		98	80 - 110
1,4-Dichlorobenzene	10.0	10.2		ug/L		102	82 - 110
Trichlorofluoromethane	10.0	8.57		ug/L		86	49 - 157
Dibromochloromethane	10.0	10.9		ug/L		109	64 - 119
Methylcyclohexane	10.0	9.37		ug/L		94	56 - 127

Surrogate	LCS % Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	96		63 - 129
4-Bromofluorobenzene (Surr)	112		66 - 117
Toluene-d8 (Surr)	105		74 - 115
Dibromofluoromethane (Surr)	109		75 - 121

Method: 8270C - TCL Semivolatile Compounds (OLMO4.2)

Lab Sample ID: MB 240-16862/1-A

Matrix: Water

Analysis Batch: 17947

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 16862

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	5.0	U	5.0	0.80	ug/L		09/27/11 09:43	10/05/11 09:03	1
2,2'-oxybis[1-chloropropane]	5.0	U	5.0	0.40	ug/L		09/27/11 09:43	10/05/11 09:03	1
2,4,5-Trichlorophenol	5.0	U	5.0	0.30	ug/L		09/27/11 09:43	10/05/11 09:03	1
2,4,6-Trichlorophenol	4.0	U	4.0	0.80	ug/L		09/27/11 09:43	10/05/11 09:03	1
2,4-Dichlorophenol	10	U	10	0.80	ug/L		09/27/11 09:43	10/05/11 09:03	1
2,4-Dimethylphenol	5.0	U	5.0	0.80	ug/L		09/27/11 09:43	10/05/11 09:03	1
2,4-Dinitrophenol	20	U	20	2.4	ug/L		09/27/11 09:43	10/05/11 09:03	1
2,4-Dinitrotoluene	5.0	U	5.0	0.27	ug/L		09/27/11 09:43	10/05/11 09:03	1
2,6-Dinitrotoluene	5.0	U	5.0	0.80	ug/L		09/27/11 09:43	10/05/11 09:03	1
2-Chloronaphthalene	5.0	U	5.0	0.10	ug/L		09/27/11 09:43	10/05/11 09:03	1
2-Chlorophenol	5.0	U	5.0	0.29	ug/L		09/27/11 09:43	10/05/11 09:03	1
2-Methylnaphthalene	5.0	U	5.0	0.10	ug/L		09/27/11 09:43	10/05/11 09:03	1
2-Methylphenol	5.0	U	5.0	0.80	ug/L		09/27/11 09:43	10/05/11 09:03	1
2-Nitroaniline	20	U	20	0.80	ug/L		09/27/11 09:43	10/05/11 09:03	1
2-Nitrophenol	5.0	U	5.0	0.28	ug/L		09/27/11 09:43	10/05/11 09:03	1
3,3'-Dichlorobenzidine	1.0	U	1.0	0.37	ug/L		09/27/11 09:43	10/05/11 09:03	1
3-Nitroaniline	20	U	20	0.28	ug/L		09/27/11 09:43	10/05/11 09:03	1
4,6-Dinitro-2-methylphenol	20	U	20	2.4	ug/L		09/27/11 09:43	10/05/11 09:03	1
4-Bromophenyl phenyl ether	5.0	U	5.0	0.80	ug/L		09/27/11 09:43	10/05/11 09:03	1
4-Chloro-3-methylphenol	5.0	U	5.0	0.80	ug/L		09/27/11 09:43	10/05/11 09:03	1
4-Chloroaniline	10	U	10	0.80	ug/L		09/27/11 09:43	10/05/11 09:03	1
4-Chlorophenyl phenyl ether	5.0	U	5.0	0.30	ug/L		09/27/11 09:43	10/05/11 09:03	1
4-Nitroaniline	20	U	20	0.80	ug/L		09/27/11 09:43	10/05/11 09:03	1
4-Nitrophenol	20	U	20	2.4	ug/L		09/27/11 09:43	10/05/11 09:03	1
Acenaphthene	5.0	U	5.0	0.10	ug/L		09/27/11 09:43	10/05/11 09:03	1

QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Method: 8270C - TCL Semivolatile Compounds (OLMO4.2) (Continued)

Lab Sample ID: MB 240-16862/1-A

Matrix: Water

Analysis Batch: 17947

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 16862

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Acenaphthylene	5.0	U	5.0	0.10	ug/L		09/27/11 09:43	10/05/11 09:03	1
Acetophenone	5.0	U	5.0	0.34	ug/L		09/27/11 09:43	10/05/11 09:03	1
Anthracene	5.0	U	5.0	0.10	ug/L		09/27/11 09:43	10/05/11 09:03	1
Atrazine	3.0	U	3.0	0.34	ug/L		09/27/11 09:43	10/05/11 09:03	1
Benzaldehyde	5.0	U	5.0	0.39	ug/L		09/27/11 09:43	10/05/11 09:03	1
Benzo[a]anthracene	1.0	U	1.0	0.10	ug/L		09/27/11 09:43	10/05/11 09:03	1
Benzo[a]pyrene	1.0	U	1.0	0.10	ug/L		09/27/11 09:43	10/05/11 09:03	1
Benzo[b]fluoranthene	1.0	U	1.0	0.10	ug/L		09/27/11 09:43	10/05/11 09:03	1
Benzo[g,h,i]perylene	1.0	U	1.0	0.10	ug/L		09/27/11 09:43	10/05/11 09:03	1
Benzo[k]fluoranthene	1.0	U	1.0	0.10	ug/L		09/27/11 09:43	10/05/11 09:03	1
Bis(2-chloroethoxy)methane	5.0	U	5.0	0.32	ug/L		09/27/11 09:43	10/05/11 09:03	1
Bis(2-chloroethyl)ether	1.0	U	1.0	0.10	ug/L		09/27/11 09:43	10/05/11 09:03	1
Bis(2-ethylhexyl) phthalate	5.0	U	5.0	0.80	ug/L		09/27/11 09:43	10/05/11 09:03	1
Butyl benzyl phthalate	5.0	U	5.0	0.80	ug/L		09/27/11 09:43	10/05/11 09:03	1
Caprolactam	10	U	10	0.80	ug/L		09/27/11 09:43	10/05/11 09:03	1
Carbazole	10	U	10	0.28	ug/L		09/27/11 09:43	10/05/11 09:03	1
Chrysene	1.0	U	1.0	0.10	ug/L		09/27/11 09:43	10/05/11 09:03	1
Dibenz(a,h)anthracene	2.0	U	2.0	0.10	ug/L		09/27/11 09:43	10/05/11 09:03	1
Dibenzofuran	4.0	U	4.0	0.10	ug/L		09/27/11 09:43	10/05/11 09:03	1
Diethyl phthalate	5.0	U	5.0	0.60	ug/L		09/27/11 09:43	10/05/11 09:03	1
Dimethyl phthalate	5.0	U	5.0	0.29	ug/L		09/27/11 09:43	10/05/11 09:03	1
Di-n-butyl phthalate	5.0	U	5.0	0.67	ug/L		09/27/11 09:43	10/05/11 09:03	1
Di-n-octyl phthalate	5.0	U	5.0	0.80	ug/L		09/27/11 09:43	10/05/11 09:03	1
Fluoranthene	1.0	U	1.0	0.10	ug/L		09/27/11 09:43	10/05/11 09:03	1
Fluorene	5.0	U	5.0	0.10	ug/L		09/27/11 09:43	10/05/11 09:03	1
Hexachlorobenzene	0.20	U	0.20	0.10	ug/L		09/27/11 09:43	10/05/11 09:03	1
Hexachlorobutadiene	1.0	U	1.0	0.27	ug/L		09/27/11 09:43	10/05/11 09:03	1
Hexachlorocyclopentadiene	5.0	U	5.0	0.80	ug/L		09/27/11 09:43	10/05/11 09:03	1
Hexachloroethane	5.0	U	5.0	0.80	ug/L		09/27/11 09:43	10/05/11 09:03	1
Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.10	ug/L		09/27/11 09:43	10/05/11 09:03	1
Isophorone	5.0	U	5.0	0.27	ug/L		09/27/11 09:43	10/05/11 09:03	1
Naphthalene	5.0	U	5.0	0.10	ug/L		09/27/11 09:43	10/05/11 09:03	1
Nitrobenzene	3.0	U	3.0	0.040	ug/L		09/27/11 09:43	10/05/11 09:03	1
N-Nitrosodi-n-propylamine	5.0	U	5.0	0.80	ug/L		09/27/11 09:43	10/05/11 09:03	1
N-Nitrosodiphenylamine	5.0	U	5.0	0.31	ug/L		09/27/11 09:43	10/05/11 09:03	1
Pentachlorophenol	5.0	U	5.0	2.4	ug/L		09/27/11 09:43	10/05/11 09:03	1
Phenol	5.0	U	5.0	0.60	ug/L		09/27/11 09:43	10/05/11 09:03	1
Phenanthrene	2.0	U	2.0	0.10	ug/L		09/27/11 09:43	10/05/11 09:03	1
Pyrene	5.0	U	5.0	0.10	ug/L		09/27/11 09:43	10/05/11 09:03	1
3 & 4 Methylphenol	5.0	U	5.0	0.75	ug/L		09/27/11 09:43	10/05/11 09:03	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	% Recovery	Qualifier				
2-Fluorobiphenyl (Surr)	55		28 - 110	09/27/11 09:43	10/05/11 09:03	1
2-Fluorophenol (Surr)	52		10 - 110	09/27/11 09:43	10/05/11 09:03	1
2,4,6-Tribromophenol (Surr)	50		22 - 120	09/27/11 09:43	10/05/11 09:03	1
Nitrobenzene-d5 (Surr)	48		27 - 111	09/27/11 09:43	10/05/11 09:03	1
Phenol-d5 (Surr)	52		10 - 110	09/27/11 09:43	10/05/11 09:03	1
Terphenyl-d14 (Surr)	67		37 - 119	09/27/11 09:43	10/05/11 09:03	1

QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Method: 8270C - TCL Semivolatile Compounds (OLMO4.2) (Continued)

Lab Sample ID: LCS 240-16862/2-A

Matrix: Water

Analysis Batch: 17947

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 16862

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
1,1'-Biphenyl	20.0	15.4		ug/L		77	50 - 130
2,2'-oxybis[1-chloropropane]	20.0	12.5		ug/L		62	25 - 128
2,4,5-Trichlorophenol	20.0	15.7		ug/L		79	39 - 110
2,4,6-Trichlorophenol	20.0	15.6		ug/L		78	35 - 110
2,4-Dichlorophenol	20.0	16.0		ug/L		80	33 - 110
2,4-Dimethylphenol	20.0	12.4		ug/L		62	12 - 110
2,4-Dinitrophenol	20.0	12.1	J	ug/L		60	17 - 112
2,4-Dinitrotoluene	20.0	17.2		ug/L		86	52 - 123
2,6-Dinitrotoluene	20.0	17.8		ug/L		89	52 - 119
2-Chloronaphthalene	20.0	15.1		ug/L		75	39 - 110
2-Chlorophenol	20.0	14.3		ug/L		72	27 - 110
2-Methylnaphthalene	20.0	15.7		ug/L		79	35 - 110
2-Methylphenol	20.0	13.7		ug/L		69	30 - 110
2-Nitroaniline	20.0	13.5	J	ug/L		67	43 - 130
2-Nitrophenol	20.0	16.4		ug/L		82	29 - 110
3,3'-Dichlorobenzidine	20.0	9.70		ug/L		49	19 - 110
3-Nitroaniline	20.0	15.0	J	ug/L		75	45 - 116
4,6-Dinitro-2-methylphenol	20.0	15.8	J	ug/L		79	28 - 112
4-Bromophenyl phenyl ether	20.0	15.1		ug/L		76	51 - 114
4-Chloro-3-methylphenol	20.0	14.4		ug/L		72	39 - 110
4-Chloroaniline	20.0	13.4		ug/L		67	10 - 110
4-Chlorophenyl phenyl ether	20.0	15.9		ug/L		79	50 - 115
4-Nitroaniline	20.0	14.8	J	ug/L		74	45 - 120
4-Nitrophenol	20.0	13.7	J	ug/L		69	12 - 130
Acenaphthene	20.0	15.1		ug/L		76	40 - 110
Acenaphthylene	20.0	14.8		ug/L		74	43 - 110
Acetophenone	20.0	15.2		ug/L		76	50 - 130
Anthracene	20.0	15.4		ug/L		77	54 - 114
Atrazine	20.0	18.3		ug/L		92	50 - 130
Benzaldehyde	20.0	15.0		ug/L		75	10 - 130
Benzo[a]anthracene	20.0	15.5		ug/L		78	55 - 115
Benzo[a]pyrene	20.0	13.2		ug/L		66	43 - 116
Benzo[b]fluoranthene	20.0	15.0		ug/L		75	43 - 122
Benzo[g,h,i]perylene	20.0	16.1		ug/L		80	45 - 120
Benzo[k]fluoranthene	20.0	16.6		ug/L		83	43 - 124
Bis(2-chloroethoxy)methane	20.0	14.8		ug/L		74	39 - 110
Bis(2-chloroethyl)ether	20.0	14.7		ug/L		74	34 - 113
Bis(2-ethylhexyl) phthalate	20.0	15.9		ug/L		80	36 - 163
Butyl benzyl phthalate	20.0	16.3		ug/L		81	53 - 126
Caprolactam	20.0	16.6		ug/L		83	50 - 130
Carbazole	20.0	15.1		ug/L		75	53 - 120
Chrysene	20.0	16.1		ug/L		80	55 - 115
Dibenz(a,h)anthracene	20.0	15.4		ug/L		77	46 - 122
Dibenzofuran	20.0	15.3		ug/L		77	46 - 111
Diethyl phthalate	20.0	15.9		ug/L		80	33 - 134
Dimethyl phthalate	20.0	16.1		ug/L		81	15 - 143
Di-n-butyl phthalate	20.0	15.5		ug/L		77	55 - 122
Di-n-octyl phthalate	20.0	15.3		ug/L		76	44 - 128
Fluoranthene	20.0	16.1		ug/L		80	54 - 122

QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Method: 8270C - TCL Semivolatile Compounds (OLMO4.2) (Continued)

Lab Sample ID: LCS 240-16862/2-A
Matrix: Water
Analysis Batch: 17947

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 16862

Analyte	Spike Added	LCS		Unit	D	% Rec	% Rec. Limits
		Result	Qualifier				
Fluorene	20.0	15.7		ug/L		78	47 - 112
Hexachlorobenzene	20.0	15.0		ug/L		75	51 - 112
Hexachlorobutadiene	20.0	15.6		ug/L		78	13 - 110
Hexachlorocyclopentadiene	20.0	7.96		ug/L		40	10 - 110
Hexachloroethane	20.0	14.7		ug/L		73	12 - 110
Indeno[1,2,3-cd]pyrene	20.0	15.1		ug/L		75	46 - 121
Isophorone	20.0	13.8		ug/L		69	44 - 128
Naphthalene	20.0	15.1		ug/L		75	31 - 110
Nitrobenzene	20.0	14.2		ug/L		71	37 - 115
N-Nitrosodi-n-propylamine	20.0	13.3		ug/L		67	37 - 121
N-Nitrosodiphenylamine	20.0	14.8		ug/L		74	53 - 113
Pentachlorophenol	20.0	11.4		ug/L		57	26 - 110
Phenol	20.0	14.1		ug/L		71	14 - 112
Phenanthrene	20.0	14.9		ug/L		75	52 - 114
Pyrene	20.0	15.9		ug/L		79	55 - 120
3 & 4 Methylphenol	40.0	27.2		ug/L		68	32 - 110

Surrogate	LCS		Limits
	% Recovery	Qualifier	
2-Fluorobiphenyl (Surr)	73		28 - 110
2-Fluorophenol (Surr)	69		10 - 110
2,4,6-Tribromophenol (Surr)	74		22 - 120
Nitrobenzene-d5 (Surr)	69		27 - 111
Phenol-d5 (Surr)	70		10 - 110
Terphenyl-d14 (Surr)	87		37 - 119

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 240-18188/1-A
Matrix: Water
Analysis Batch: 18453

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 18188

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Sodium	5000	U	5000	590	ug/L		10/06/11 10:15	10/07/11 19:12	1

Lab Sample ID: LCS 240-18188/2-A
Matrix: Water
Analysis Batch: 18453

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 18188

Analyte	Spike Added	LCS		Unit	D	% Rec	% Rec. Limits
		Result	Qualifier				
Sodium	50000	45300		ug/L		91	80 - 120

Lab Sample ID: 240-4200-38 MS
Matrix: Water
Analysis Batch: 18453

Client Sample ID: GW-17360-092311-EM-038
Prep Type: Total Recoverable
Prep Batch: 18188

Analyte	Sample Result	Sample Qualifier	Spike Added	MS		Unit	D	% Rec	% Rec. Limits
				Result	Qualifier				
Sodium	120000		50000	174000		ug/L		104	75 - 125

QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 240-4200-38 MSD

Matrix: Water

Analysis Batch: 18453

Client Sample ID: GW-17360-092311-EM-038

Prep Type: Total Recoverable

Prep Batch: 18188

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Sodium	120000		50000	174000		ug/L		104	75 - 125	0	20

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: MB 240-17654/1-A

Matrix: Water

Analysis Batch: 17962

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 17654

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	2.0	U	2.0	0.13	ug/L		10/03/11 10:52	10/04/11 08:52	1
Arsenic	5.0	U	5.0	0.40	ug/L		10/03/11 10:52	10/04/11 08:52	1
Barium	1.04	J	100	0.19	ug/L		10/03/11 10:52	10/04/11 08:52	1
Beryllium	1.0	U	1.0	0.20	ug/L		10/03/11 10:52	10/04/11 08:52	1
Cadmium	1.0	U	1.0	0.13	ug/L		10/03/11 10:52	10/04/11 08:52	1
Cobalt	20	U	20	0.058	ug/L		10/03/11 10:52	10/04/11 08:52	1
Chromium	10	U	10	0.71	ug/L		10/03/11 10:52	10/04/11 08:52	1
Copper	0.513	J	4.0	0.29	ug/L		10/03/11 10:52	10/04/11 08:52	1
Manganese	50	U	50	0.83	ug/L		10/03/11 10:52	10/04/11 08:52	1
Nickel	0.277	J	20	0.20	ug/L		10/03/11 10:52	10/04/11 08:52	1
Lead	3.0	U	3.0	0.18	ug/L		10/03/11 10:52	10/04/11 08:52	1
Selenium	5.0	U	5.0	0.57	ug/L		10/03/11 10:52	10/04/11 08:52	1
Thallium	0.151	J	2.0	0.14	ug/L		10/03/11 10:52	10/04/11 08:52	1
Vanadium	4.0	U	4.0	0.44	ug/L		10/03/11 10:52	10/04/11 08:52	1
Zinc	9.92	J	50	2.3	ug/L		10/03/11 10:52	10/04/11 08:52	1
Silver	0.20	U	0.20	0.080	ug/L		10/03/11 10:52	10/04/11 08:52	1

Lab Sample ID: LCS 240-17654/2-A

Matrix: Water

Analysis Batch: 17962

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 17654

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Antimony	100	97.5		ug/L		98	80 - 120
Arsenic	1000	950		ug/L		95	80 - 120
Barium	1000	929		ug/L		93	80 - 120
Beryllium	1000	937		ug/L		94	80 - 120
Cadmium	1000	996		ug/L		100	80 - 120
Cobalt	1000	982		ug/L		98	80 - 120
Chromium	1000	970		ug/L		97	80 - 120
Copper	1000	983		ug/L		98	80 - 120
Manganese	1000	979		ug/L		98	80 - 120
Nickel	1000	937		ug/L		94	80 - 120
Lead	1000	851		ug/L		85	80 - 120
Selenium	1000	963		ug/L		96	80 - 120
Thallium	1000	875		ug/L		87	80 - 120
Vanadium	1000	930		ug/L		93	80 - 120
Zinc	1000	1030		ug/L		103	80 - 120
Silver	100	99.8		ug/L		100	80 - 120

QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 240-17717/1-A
 Matrix: Water
 Analysis Batch: 18065

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 17717

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	40	U	40	0.12	ug/L		10/04/11 14:45	10/05/11 15:46	1

Lab Sample ID: LCS 240-17717/2-A
 Matrix: Water
 Analysis Batch: 18065

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 17717

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Mercury	5.00	4.46	J	ug/L		89	81 - 123

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: MB 240-18008/5
 Matrix: Water
 Analysis Batch: 18008

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.0	U	1.0	0.10	mg/L			10/05/11 14:33	1

Lab Sample ID: LCS 240-18008/6
 Matrix: Water
 Analysis Batch: 18008

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Chloride	50.0	51.7		mg/L		103	90 - 110

Lab Sample ID: 240-4200-38 MS
 Matrix: Water
 Analysis Batch: 18008

Client Sample ID: GW-17360-092311-EM-038
 Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Chloride	200		50.0	238		mg/L		82	80 - 120

Lab Sample ID: 240-4200-38 MSD
 Matrix: Water
 Analysis Batch: 18008

Client Sample ID: GW-17360-092311-EM-038
 Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	Limit
Chloride	200		50.0	239		mg/L		84	80 - 120	0	20

Surrogate Summary

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (63-129)	BFB (66-117)	TOL (74-115)	DBFM (75-121)
240-4200-1	GW-17360-092211-EM-001	100	97	112	89
240-4200-2	GW-17360-092211-EM-002	99	96	111	88
240-4200-3	GW-17360-092211-EM-003	101	97	112	88
240-4200-4	GW-17360-092211-EM-004	101	94	113	89
240-4200-5	GW-17360-092211-EM-005	100	98	113	90
240-4200-6	GW-17360-092211-EM-006	104	96	112	88
240-4200-7	GW-17360-092211-EM-007	102	94	116 X	89
240-4200-8	GW-17360-092211-EM-008	101	96	112	89
240-4200-9	GW-17360-092211-EM-009	98	96	112	87
240-4200-10	GW-17360-092211-EM-010	102	94	113	91
240-4200-11	GW-17360-092211-EM-011	101	97	115	89
240-4200-12	GW-17360-092211-EM-012	102	97	113	90
240-4200-13	GW-17360-092211-EM-013	100	95	108	87
240-4200-14	GW-17360-092211-EM-014	99	97	116 X	89
240-4200-15	GW-17360-092211-EM-015	102	96	115	89
240-4200-15 MS	GW-17360-092211-EM-015	99	103	107	95
240-4200-15 MSD	GW-17360-092211-EM-015	98	104	108	96
240-4200-16	GW-17360-092211-EM-016	101	96	113	97
240-4200-17	GW-17360-092211-EM-017	101	96	117 X	90
240-4200-18	GW-17360-092211-EM-018	100	92	113	89
240-4200-19	GW-17360-092211-EM-019	100	90	113	89
240-4200-20	GW-17360-092211-EM-020	100	91	110	84
240-4200-21	GW-17360-092211-EM-021	101	95	112	86
240-4200-22	GW-17360-092211-EM-022	102	96	113	86
240-4200-23	GW-17360-092311-EM-023	100	94	116 X	87
240-4200-24	GW-17360-092311-EM-024	100	91	112	84
240-4200-25	GW-17360-092311-EM-025	102	93	113	87
240-4200-26	GW-17360-092311-EM-026	103	93	112	87
240-4200-27	GW-17360-092311-EM-027	102	93	112	86
240-4200-28	GW-17360-092311-EM-028	104	93	113	88
240-4200-29	GW-17360-092311-EM-029	102	93	113	85
240-4200-30	GW-17360-092311-EM-030	104	93	112	84
240-4200-31	GW-17360-092311-EM-031	103	89	96	121
240-4200-32	GW-17360-092311-EM-032	103	93	113	86
240-4200-33	GW-17360-092311-EM-033	103	91	113	86
240-4200-34	GW-17360-092311-EM-034	102	92	115	86
240-4200-35	GW-17360-092311-EM-035	102	93	112	85
240-4200-36	GW-17360-092311-EM-036	105	91	112	84
240-4200-37	GW-17360-092311-EM-037	99	90	108	81
240-4200-38	GW-17360-092311-EM-038	101	92	113	86
240-4200-38 MS	GW-17360-092311-EM-038	99	97	104	89
240-4200-38 MSD	GW-17360-092311-EM-038	101	102	107	93
240-4200-39	GW-17360-092311-EM-039	99	91	112	84
240-4200-40	TB-17360-092311-EM	102	94	101	110
LCS 240-17309/4	Lab Control Sample	101	107	109	97
LCS 240-17485/4	Lab Control Sample	101	102	107	92
LCS 240-17575/4	Lab Control Sample	99	102	104	90
LCS 240-17636/4	Lab Control Sample	96	112	105	109
MB 240-17309/5	Method Blank	101	96	113	92
MB 240-17485/5	Method Blank	101	91	110	86

Surrogate Summary

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (63-129)	BFB (66-117)	TOL (74-115)	DBFM (75-121)
MB 240-17575/5	Method Blank	100	93	109	84
MB 240-17636/5	Method Blank	101	94	101	113

Surrogate Legend

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

Method: 8270C - TCL Semivolatile Compounds (OLMO4.2)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		FBP (28-110)	2FP (10-110)	TBP (22-120)	NBZ (27-111)	PHL (10-110)	TPH (37-119)
240-4200-22	GW-17360-092211-EM-022	50	49	47	44	49	71
LCS 240-16862/2-A	Lab Control Sample	73	69	74	69	70	87
MB 240-16862/1-A	Method Blank	55	52	50	48	52	67

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)
 2FP = 2-Fluorophenol (Surr)
 TBP = 2,4,6-Tribromophenol (Surr)
 NBZ = Nitrobenzene-d5 (Surr)
 PHL = Phenol-d5 (Surr)
 TPH = Terphenyl-d14 (Surr)

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Client Sample ID: GW-17360-092211-EM-001

Lab Sample ID: 240-4200-1

Date Collected: 09/22/11 08:25

Matrix: Water

Date Received: 09/24/11 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	17309	09/30/11 00:54	LE	TAL NC

Client Sample ID: GW-17360-092211-EM-002

Lab Sample ID: 240-4200-2

Date Collected: 09/22/11 08:45

Matrix: Water

Date Received: 09/24/11 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	17309	09/30/11 01:17	LE	TAL NC

Client Sample ID: GW-17360-092211-EM-003

Lab Sample ID: 240-4200-3

Date Collected: 09/22/11 08:50

Matrix: Water

Date Received: 09/24/11 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	17309	09/30/11 01:39	LE	TAL NC

Client Sample ID: GW-17360-092211-EM-004

Lab Sample ID: 240-4200-4

Date Collected: 09/22/11 09:30

Matrix: Water

Date Received: 09/24/11 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	17309	09/30/11 02:01	LE	TAL NC
Total Recoverable	Prep	3005A			17654	10/03/11 10:52	LM	TAL NC
Total Recoverable	Analysis	6020		1	17962	10/04/11 09:37	BD	TAL NC
Total/NA	Prep	7470A			17717	10/04/11 14:45	AS	TAL NC
Total/NA	Analysis	7470A		1	18065	10/05/11 16:35	AS	TAL NC

Client Sample ID: GW-17360-092211-EM-005

Lab Sample ID: 240-4200-5

Date Collected: 09/22/11 10:00

Matrix: Water

Date Received: 09/24/11 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	17309	09/30/11 02:23	LE	TAL NC

Client Sample ID: GW-17360-092211-EM-006

Lab Sample ID: 240-4200-6

Date Collected: 09/22/11 11:30

Matrix: Water

Date Received: 09/24/11 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	17309	09/30/11 02:45	LE	TAL NC

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Client Sample ID: GW-17360-092211-EM-007

Lab Sample ID: 240-4200-7

Date Collected: 09/22/11 11:55

Matrix: Water

Date Received: 09/24/11 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	17309	09/30/11 03:08	LE	TAL NC

Client Sample ID: GW-17360-092211-EM-008

Lab Sample ID: 240-4200-8

Date Collected: 09/22/11 14:45

Matrix: Water

Date Received: 09/24/11 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	17309	09/30/11 03:30	LE	TAL NC
Total Recoverable	Prep	3005A			17654	10/03/11 10:52	LM	TAL NC
Total Recoverable	Analysis	6020		1	17962	10/04/11 09:44	BD	TAL NC
Total/NA	Prep	7470A			17717	10/04/11 14:45	AS	TAL NC
Total/NA	Analysis	7470A		1	18065	10/05/11 16:37	AS	TAL NC

Client Sample ID: GW-17360-092211-EM-009

Lab Sample ID: 240-4200-9

Date Collected: 09/22/11 15:15

Matrix: Water

Date Received: 09/24/11 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	17309	09/30/11 03:52	LE	TAL NC

Client Sample ID: GW-17360-092211-EM-010

Lab Sample ID: 240-4200-10

Date Collected: 09/22/11 16:10

Matrix: Water

Date Received: 09/24/11 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	17309	09/30/11 04:14	LE	TAL NC

Client Sample ID: GW-17360-092211-EM-011

Lab Sample ID: 240-4200-11

Date Collected: 09/22/11 08:20

Matrix: Water

Date Received: 09/24/11 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	17309	09/30/11 04:36	LE	TAL NC

Client Sample ID: GW-17360-092211-EM-012

Lab Sample ID: 240-4200-12

Date Collected: 09/22/11 08:45

Matrix: Water

Date Received: 09/24/11 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	17309	09/30/11 04:59	LE	TAL NC

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Client Sample ID: GW-17360-092211-EM-013

Lab Sample ID: 240-4200-13

Date Collected: 09/22/11 09:30

Matrix: Water

Date Received: 09/24/11 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	17575	10/02/11 14:50	LE	TAL NC

Client Sample ID: GW-17360-092211-EM-014

Lab Sample ID: 240-4200-14

Date Collected: 09/22/11 10:10

Matrix: Water

Date Received: 09/24/11 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	17309	09/30/11 05:43	LE	TAL NC

Client Sample ID: GW-17360-092211-EM-015

Lab Sample ID: 240-4200-15

Date Collected: 09/22/11 11:20

Matrix: Water

Date Received: 09/24/11 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	17309	09/30/11 06:05	LE	TAL NC

Client Sample ID: GW-17360-092211-EM-016

Lab Sample ID: 240-4200-16

Date Collected: 09/22/11 11:55

Matrix: Water

Date Received: 09/24/11 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	17309	09/30/11 07:12	LE	TAL NC

Client Sample ID: GW-17360-092211-EM-017

Lab Sample ID: 240-4200-17

Date Collected: 09/22/11 14:50

Matrix: Water

Date Received: 09/24/11 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	17309	09/30/11 07:34	LE	TAL NC

Client Sample ID: GW-17360-092211-EM-018

Lab Sample ID: 240-4200-18

Date Collected: 09/22/11 15:55

Matrix: Water

Date Received: 09/24/11 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	17309	09/30/11 07:57	LE	TAL NC

Client Sample ID: GW-17360-092211-EM-019

Lab Sample ID: 240-4200-19

Date Collected: 09/22/11 16:10

Matrix: Water

Date Received: 09/24/11 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	17309	09/30/11 08:19	LE	TAL NC

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Client Sample ID: GW-17360-092211-EM-019

Lab Sample ID: 240-4200-19

Date Collected: 09/22/11 16:10

Matrix: Water

Date Received: 09/24/11 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			17654	10/03/11 10:52	LM	TAL NC
Total Recoverable	Analysis	6020		1	17962	10/04/11 10:03	BD	TAL NC
Total/NA	Prep	7470A			17717	10/04/11 14:45	AS	TAL NC
Total/NA	Analysis	7470A		1	18065	10/05/11 16:38	AS	TAL NC

Client Sample ID: GW-17360-092211-EM-020

Lab Sample ID: 240-4200-20

Date Collected: 09/22/11 18:00

Matrix: Water

Date Received: 09/24/11 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		9.09	17485	10/01/11 14:41	LE	TAL NC

Client Sample ID: GW-17360-092211-EM-021

Lab Sample ID: 240-4200-21

Date Collected: 09/22/11 18:45

Matrix: Water

Date Received: 09/24/11 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	17485	10/01/11 15:03	LE	TAL NC

Client Sample ID: GW-17360-092211-EM-022

Lab Sample ID: 240-4200-22

Date Collected: 09/22/11 19:30

Matrix: Water

Date Received: 09/24/11 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	17485	10/01/11 15:26	LE	TAL NC
Total/NA	Prep	3520C			16862	09/27/11 09:43	EM	TAL NC
Total/NA	Analysis	8270C		1	17947	10/05/11 14:03	TH	TAL NC

Client Sample ID: GW-17360-092311-EM-023

Lab Sample ID: 240-4200-23

Date Collected: 09/23/11 08:40

Matrix: Water

Date Received: 09/24/11 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	17485	10/01/11 15:48	LE	TAL NC

Client Sample ID: GW-17360-092311-EM-024

Lab Sample ID: 240-4200-24

Date Collected: 09/23/11 09:05

Matrix: Water

Date Received: 09/24/11 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	17485	10/01/11 16:10	LE	TAL NC

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Client Sample ID: GW-17360-092311-EM-025

Lab Sample ID: 240-4200-25

Date Collected: 09/23/11 09:55

Matrix: Water

Date Received: 09/24/11 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	17485	10/01/11 16:33	LE	TAL NC

Client Sample ID: GW-17360-092311-EM-026

Lab Sample ID: 240-4200-26

Date Collected: 09/23/11 10:55

Matrix: Water

Date Received: 09/24/11 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1.67	17485	10/01/11 16:55	LE	TAL NC

Client Sample ID: GW-17360-092311-EM-027

Lab Sample ID: 240-4200-27

Date Collected: 09/23/11 12:30

Matrix: Water

Date Received: 09/24/11 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	17485	10/01/11 17:17	LE	TAL NC

Client Sample ID: GW-17360-092311-EM-028

Lab Sample ID: 240-4200-28

Date Collected: 09/23/11 13:10

Matrix: Water

Date Received: 09/24/11 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	17485	10/01/11 17:39	LE	TAL NC
Total Recoverable	Prep	3005A			17654	10/03/11 10:52	LM	TAL NC
Total Recoverable	Analysis	6020		1	17962	10/04/11 10:08	BD	TAL NC
Total/NA	Prep	7470A			17717	10/04/11 14:45	AS	TAL NC
Total/NA	Analysis	7470A		1	18065	10/05/11 16:40	AS	TAL NC

Client Sample ID: GW-17360-092311-EM-029

Lab Sample ID: 240-4200-29

Date Collected: 09/23/11 10:45

Matrix: Water

Date Received: 09/24/11 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	17485	10/01/11 18:02	LE	TAL NC
Total Recoverable	Prep	3005A			17654	10/03/11 10:52	LM	TAL NC
Total Recoverable	Analysis	6020		1	17962	10/04/11 10:14	BD	TAL NC
Total/NA	Prep	7470A			17717	10/04/11 14:45	AS	TAL NC
Total/NA	Analysis	7470A		1	18065	10/05/11 16:41	AS	TAL NC

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Client Sample ID: GW-17360-092311-EM-030

Lab Sample ID: 240-4200-30

Date Collected: 09/23/11 08:45

Matrix: Water

Date Received: 09/24/11 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	17485	10/01/11 18:24	LE	TAL NC

Client Sample ID: GW-17360-092311-EM-031

Lab Sample ID: 240-4200-31

Date Collected: 09/23/11 09:55

Matrix: Water

Date Received: 09/24/11 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	17636	10/03/11 17:26	LE	TAL NC
Total Recoverable	Prep	3005A			17654	10/03/11 10:52	LM	TAL NC
Total Recoverable	Analysis	6020		1	17962	10/04/11 10:19	BD	TAL NC
Total/NA	Prep	7470A			17717	10/04/11 14:45	AS	TAL NC
Total/NA	Analysis	7470A		1	18065	10/05/11 16:42	AS	TAL NC

Client Sample ID: GW-17360-092311-EM-032

Lab Sample ID: 240-4200-32

Date Collected: 09/23/11 13:50

Matrix: Water

Date Received: 09/24/11 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	17485	10/01/11 19:08	LE	TAL NC

Client Sample ID: GW-17360-092311-EM-033

Lab Sample ID: 240-4200-33

Date Collected: 09/23/11 13:55

Matrix: Water

Date Received: 09/24/11 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	17485	10/01/11 19:31	LE	TAL NC

Client Sample ID: GW-17360-092311-EM-034

Lab Sample ID: 240-4200-34

Date Collected: 09/23/11 11:30

Matrix: Water

Date Received: 09/24/11 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	17485	10/01/11 19:53	LE	TAL NC

Client Sample ID: GW-17360-092311-EM-035

Lab Sample ID: 240-4200-35

Date Collected: 09/23/11 13:30

Matrix: Water

Date Received: 09/24/11 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	17485	10/01/11 20:15	LE	TAL NC

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Client Sample ID: GW-17360-092311-EM-036

Lab Sample ID: 240-4200-36

Date Collected: 09/23/11 14:05

Matrix: Water

Date Received: 09/24/11 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	17485	10/01/11 20:38	LE	TAL NC

Client Sample ID: GW-17360-092311-EM-037

Lab Sample ID: 240-4200-37

Date Collected: 09/23/11 15:00

Matrix: Water

Date Received: 09/24/11 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	17485	10/01/11 21:00	LE	TAL NC
Total Recoverable	Prep	3005A			17654	10/03/11 10:52	LM	TAL NC
Total Recoverable	Analysis	6020		1	17962	10/04/11 10:24	BD	TAL NC
Total/NA	Prep	7470A			17717	10/04/11 14:45	AS	TAL NC
Total/NA	Analysis	7470A		1	18065	10/05/11 16:46	AS	TAL NC

Client Sample ID: GW-17360-092311-EM-038

Lab Sample ID: 240-4200-38

Date Collected: 09/23/11 15:10

Matrix: Water

Date Received: 09/24/11 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	17485	10/01/11 21:22	LE	TAL NC
Total Recoverable	Prep	3005A			18188	10/06/11 10:15	LM	TAL NC
Total Recoverable	Analysis	6010B		1	18453	10/07/11 19:23	NJM	TAL NC
Total/NA	Analysis	9056A		5	18008	10/05/11 18:02	LG	TAL NC

Client Sample ID: GW-17360-092311-EM-039

Lab Sample ID: 240-4200-39

Date Collected: 09/23/11 16:00

Matrix: Water

Date Received: 09/24/11 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	17485	10/01/11 22:29	LE	TAL NC

Client Sample ID: TB-17360-092311-EM

Lab Sample ID: 240-4200-40

Date Collected: 09/23/11 00:00

Matrix: Water

Date Received: 09/24/11 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	17636	10/03/11 17:48	LE	TAL NC

Laboratory References:

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

Certification Summary

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 17360-T01-003, RACER GR Metal Plant

TestAmerica Job ID: 240-4200-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica North Canton	ACCLASS	DoD ELAP		ADE-1437
TestAmerica North Canton	California	NELAC	9	01144CA
TestAmerica North Canton	Connecticut	State Program	1	PH-0590
TestAmerica North Canton	Florida	NELAC	4	E87225
TestAmerica North Canton	Georgia	Georgia EPD	4	N/A
TestAmerica North Canton	Illinois	NELAC	5	200004
TestAmerica North Canton	Kansas	NELAC	7	E-10336
TestAmerica North Canton	Kentucky	State Program	4	58
TestAmerica North Canton	Minnesota	NELAC	5	039-999-348
TestAmerica North Canton	Nevada	State Program	9	OH-000482008A
TestAmerica North Canton	New Jersey	NELAC	2	OH001
TestAmerica North Canton	New York	NELAC	2	10975
TestAmerica North Canton	Ohio	OVAP	5	CL0024
TestAmerica North Canton	Pennsylvania	NELAC	3	68-00340
TestAmerica North Canton	USDA	USDA		P330-11-00328
TestAmerica North Canton	Virginia	NELAC Secondary AB	3	460175
TestAmerica North Canton	West Virginia	West Virginia DEP	3	210
TestAmerica North Canton	Wisconsin	State Program	5	999518190

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.





CONESTOGA-ROVERS & ASSOCIATES

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

PAGE 1 OF 3

Required Client Information:

Company: CRA, Inc.
 Address: 14496 Sheldon Rd.
 Suite 200
 Plymouth, MI 48170
 Phone: 734-453-5123
 Fax: 734-453-5201
 Email:

Report To: Paul Wiseman
 Copy To:
 Invoice To:
 P.O.:

Project Name: Fayer GR Mobile Plant
 Project Number: 17360

Laboratory: Test America
 Laboratory Location: N. Canton, OH
 Laboratory Contact: D. Heckler
 Requested Due Date: TAT: STD
 QA/QC Requirements:

ID # **Nº D 9511**

SSOW Ref. Code: 198-T01-003

Sample Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Unpreserved	Preservative				Analysis and Method	Remarks/Lab ID	
						HCl	H2SO4	HNO3	NaOH			Other:
GW-17360-092211-EM-001	WG	9-22-11	0825	3	X							
-002			0845	3	X							
-003			0850	3	X							
-004			0930	4	X							
-005			1000	3	X							
-006			1130	3	X							
-007			1155	3	X							
-008			1445	4	X							
-009			1515	3	X							
-010			1610	3	X							
-011			0820	3	X							
-012			0845	3	X							
-013			0930	3	X							
-014			1010	3	X							
-015			1120	9	X							MS/MSD

TOTAL NUMBER OF CONTAINERS

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
Fed Ex	2	Eric Mickelson / CRA	9-23-11	1700	Ch. [Signature]	9/24/11	930

AIRBILL NO.

Sample Condition

Temp in C	Y/N
Received on Ice	Y/N
Sealed Cooler	Y/N
Samples Intact	Y/N

Additional Comments:

Sampler Name: Eric Mickelson
 Sampler Signature: [Signature] Date: 9-23-11



CONESTOGA-ROVERS & ASSOCIATES

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

PAGE 2 OF 3

Required Client Information:

Company: CRA, Inc. Report To: Paul Wiseman
 Address: 14496 Sheldon Rd. Copy To:
 Suite 200 Invoice To:
 Plymouth, MI 48170 P.O.:
 Project Name: Exner GR Metals Plant
 Phone: 734-453-5123 Project Number: 17360
 Fax: 734-453-5201
 Email:

Laboratory: Test America
 Laboratory Location: N. Canton, OH
 Laboratory Contact: D. Heckler
 Requested Due Date: TAT: STD

ID # No D 9510

SSOW Ref. Code: 1198-T01-0023

QA/QC Requirements:

Sample Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Unpreserved	Preservative					Other:	Analysis and Method	Remarks/Lab ID
						HCl	H2SO4	HNO3	NaOH				
GW-17360-092211-EM-016	WG	9-22-11	1155	3	X								
			1450	3	X								
			1555	3	X								
			1610	4	X								
			1800	3	X			X					
			1845	3	X								
			1930	5	X								
			0840	3	X								
GW-17360-092311-EM-023	WG	9-23-11	0905	3	X								
			0955	3	X								
			1055	3	X								
			1230	3	X								
			1310	4	X								
			1045	4	X								
			0845	3	X								

TOTAL NUMBER OF CONTAINERS

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
Fed Ex	2	Eric Mickelson / CRA	9-23-11	1700	Eric Mickelson	9/24/11	930

AIRBILL NO. _____

Temp in °C _____

Received on Ice Y/N _____

Sealed Cooler Y/N _____

Samples Intact Y/N _____

Additional Comments: _____

Sample Condition _____

Sampler Name: Eric Mickelson

Sampler Signature: Eric Mickelson

Date: 9-23-11



CONESTOGA-ROVERS & ASSOCIATES

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

PAGE 3 OF 3

Required Client Information:

Company: CRA, Inc. Report To: Paul Wiseman
 Address: 14496 Sheldon Rd. Copy To:
 Suite 200 Invoice To:
 Plymouth, MI 48170 P.O.:
 Phone: 734-453-5123 Project Name: Farmer GR Metal Plant
 Fax: 734-453-5201 Project Number: 17360
 Email:

Laboratory: Test America
 Laboratory Location: N. Canton, OH
 Laboratory Contact: D. Heckler
 Requested Due Date: TAT: STD
 QA/QC Requirements:

ID # No D 9507

ISSOW Ref. Code: 1198-101-003

- Valid Matrix Codes:**
 WG Groundwater
 WB Borehole Water
 WS Surface Water
 SO Soil
 SE Sediment
 See Back for Additional Codes

Sample Identification:

Sample Identification	Matrix Code	Date Collected	Time Collected	# Containers	Unpreserved	HCl	H2SO4	HNO3	NaOH	Other	Analysis and Method	Remarks/Lab ID
GW-17360-092311-EM-031	WG	9-23-11	0955	4	X	X					TCL VOC's	
-032			1350	3	X	X					Site Specific TRL Metals	
-033			1355	3	X	X					Sediment	
-034			1130	3	X	X					Chloride	
-035			1330	3	X	X						
-036			1405	3	X	X						
-037			1500	4	X	X						
-038		1510	1410	12	X	X						MS/MSD
-039			1600	3	X	X						
WB-17360-092311-EM	WB			1								

TOTAL NUMBER OF CONTAINERS

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
Fed Ex	2	Eric Mickelson / CRA	9/23/11	1700	J. Miller / TA-NC	9/24/11	0850

AIRBILL NO.

Sample Condition	Temp in °C	Received on Ice	Y/N
Sealed Cooler			Y/N
Samples Intact			Y/N

Additional Comments:

Sampler Name: Eric Mickelson
 Sampler Signature: Eric Mickelson
 Date: 9-23-11

Distribution:

WHITE - Fully Executed Copy

YELLOW - Receiving Laboratory Copy

PINK - Shipper

GOLDENROD - Sampler Copy



TestAmerica Cooler Receipt Form/Narrative

Lot Number: 4200

North Canton Facility

Client CRA Project _____ By: [Signature]

Cooler Received on 9-24-11 Opened on 9-24-11 (Signature)

FedEx UPS DHL FAS Stetson Client Drop Off TestAmerica Courier Other _____

TestAmerica Cooler # _____ Multiple Coolers Foam Box Client Cooler Other _____

1. Were custody seals on the outside of the cooler(s)? Yes No Intact? Yes No NA

If YES, Quantity _____ Quantity Unsalvageable _____

Were custody seals on the outside of cooler(s) signed and dated? Yes No NA

Were custody seals on the bottle(s)? Yes No

If YES, are there any exceptions? _____

2. Shippers' packing slip attached to the cooler(s)? Yes No

3. Did custody papers accompany the sample(s)? Yes No Relinquished by client? Yes No

4. Were the custody papers signed in the appropriate place? Yes No

5. Packing material used: Bubble Wrap Foam None Other _____

6. Cooler temperature upon receipt _____ °C See back of form for multiple coolers/temps

METHOD: IR Other BACK

COOLANT: Wet Ice Blue Ice Dry Ice Water None

7. Did all bottles arrive in good condition (Unbroken)? Yes No

8. Could all bottle labels be reconciled with the COC? Yes No

9. Were sample(s) at the correct pH upon receipt? Yes No NA

10. Were correct bottle(s) used for the test(s) indicated? Yes No

11. Were air bubbles >6 mm in any VOA vials? Yes No NA

12. Sufficient quantity received to perform indicated analyses? Yes No

13. Was a trip blank present in the cooler(s)? Yes No Were VOAs on the COC? Yes No

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

Concerning _____

14. CHAIN OF CUSTODY

The following discrepancies occurred:

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 Sample

Receiving to meet recommended pH level(s). Nitric Acid Lot# 100110-HNO₃; Sulfuric Acid Lot# 110410-H₂SO₄; Sodium

Hydroxide Lot# 100108 -NaOH; Hydrochloric Acid Lot# 092006-HCl; Sodium Hydroxide and Zinc Acetate Lot# 100108-

(CH₃COO)₂ZN/NaOH. What time was preservative added to sample(s)? _____

Client ID	pH	Date	Initials
4	6.2	9/24/11	CEL
8	6.2		
19	1.2		
28	6.2		
29	6.2		
31	6.2		
37	6.2		
38	6.2		

Login Sample Receipt Checklist

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 240-4200-1

Login Number: 4200

List Number: 1

Creator: McFadden, John

List Source: TestAmerica North Canton

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.9/3.7
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ATTACHMENT B
DATA VALIDATION MEMORANDUM

ATTACHMENT C
HISTORICAL ANALYTICAL DATA SUMMARIES

LIST OF ENCLOSURES

Floating Oil Summary

Water Levels Summary

Vacuum Summary

Monitoring Well Data Summary / Analytical Data

85-7

86-2

86-3

87-1

87-2

87-4

87-5

87-8

87-9

87-10

87-11

87-13

93-1

X-10

PW Discharge

C-1

C-2

C-3

C-4

MW1-03

MW2-03

MW3-03

MW4-03

MW5-03

MW6-03

MW7-03

MW8-04

MW9-04

MW10-04

MW11D-04

MW11S-05

MW13-04

MW14-04

MW15-04

MW17-06

MW18-10

Field Blank

Trip Blank

TCE Treatment System Influent, Intermediate, and Effluent

Soil Vapor Recovery System Summary 87-3 (Air Well): Influent and Effluent

Soil Vapor Recovery System Summary / Flow Data

**General Motors
Grand Rapids Metal Fabrication Plant
FLOATING OIL SUMMARY (In Feet)**

Date	85-03	85-05B	85-06	86-01
12/21/88	0.02	none	none	--
02/17/89	0.02	none	none	none
03/16/89	trace	none	none	none
04/20/89	0.01	sheen	none	none
05/18/89	0.01	none	none	none
06/16/89	trace	none	none	none
07/18/89	0.01	none	none	none
08/22/89	0.01	none	none	none
09/22/89	0.01	none	trace	none
10/13/89	0.01	none	none	none
11/17/89	0.03	none	none	none
12/21/89	0.4	none	none	none
01/12/90	2.75	--	none	none
01/19/90	0.25	none	none	none
02/16/90	0.02	none	none	none
03/16/90	0.02	none	none	none
04/12/90	0.01	none	none	none
05/18/90	0.01	none	none	none
06/19/90	none	none	none	none
07/13/90	trace	none	none	none
08/20/90	none	--	none	none
09/14/90	trace	--	none	none
10/12/90	trace	--	none	none
11/15/90	trace	none	none	none
12/18/90	trace	--	none	none
01/15/91	none	--	--	--
02/20/91	none	--	--	--
03/11/91	none	--	none	none
04/18/91	none	--	--	--
05/16/91	none	--	--	--
06/13/91	trace	--	none	none
07/19/91	trace	--	--	--
08/19/91	0.01	--	--	--
09/12/91	0.46	--	none	none
10/16/91 *	0.3	--	--	--
11/15/91	0.19	none	none	none
12/13/91	0.16	none	none	none
01/17/92	0.06	--	--	--
02/14/92	0.47	--	--	--
03/13/92	0.22	--	none	none
04/21/92	0.14	--	--	--
05/15/92	0.14	--	--	--
06/12/92	0.09	--	none	none
07/17/92	0.15	--	--	--
08/13/92	0.16	--	--	--
09/11/92	0.26	--	none	none
10/16/92	0.46	--	--	--
11/12/92	0.34	--	--	--
12/10/92	0.15	none	none	none
01/15/93	0.04	--	--	--
02/12/93	0.08	--	--	--
03/11/93	0.14	--	none	none

-- = Not measured

* = Initiated use of keck interface probe for all product measurements.

**General Motors
Grand Rapids Metal Fabrication Plant
FLOATING OIL SUMMARY (In Feet)**

Date	85-03	85-05B	85-06	86-01
04/15/93	0.15	--	--	--
05/13/93	0.06	--	--	--
06/14/93	0.12	--	none	none
07/16/93	0.04	--	--	--
08/11/93	0.03	--	--	--
09/15/93	0.17	--	none	none
10/19/93	0.05	--	--	--
11/17/93	0.04	--	--	--
12/17/93	0.37	none	none	none
01/13/94	0.47	--	--	--
02/15/94	0.89	--	--	--
03/16/94	0.19	--	none	none
04/13/94	0.01	--	--	--
05/12/94	0.11	--	--	--
06/14/94	0.16	--	none	none
07/13/94	0.04	--	--	--
08/12/94	0.02	--	--	--
09/14/94	0.07	--	none	none
10/18/94	0.09	--	--	--
11/11/94	none	--	--	--
12/16/94	0.09	none	none	none
01/13/95	0.26	--	--	--
02/14/95	0.02	--	--	--
03/17/95	0.14	--	none	none
04/13/95	0.21	--	--	--
05/15/95	none	--	--	--
06/20/95	none	--	none	none
07/13/95	none	--	--	--
08/11/95	0.14	--	--	--
09/14/95	0.23	--	none	none
10/17/95	0.59	--	--	--
11/17/95	0.08	--	--	--
12/18/95	none	none	none	none
01/06/96	0.33	--	--	--
02/19/96	0.72	--	--	--
03/19/96	0.89	--	none	none
04/12/96	0.72	--	--	--
05/16/96	0.01	--	--	--
06/13/96	none	--	none	none
07/16/96	none	--	--	--
08/16/96	0.01	--	--	--
09/13/96	none	--	none	none
10/17/96	0.19	--	--	--
11/19/96	0.30	--	--	--
12/12/96	0.68	0.01	none	none
01/20/97	0.39	--	--	--
02/14/97	none	--	--	--
03/13/97	none	--	none	none
04/18/97	none	--	--	--
05/15/97	none	--	--	--
06/19/97	none	--	none	none

-- = Not measured

**General Motors
Grand Rapids Metal Fabrication Plant
FLOATING OIL SUMMARY (In Feet)**

Date	85-03	85-05B	85-06	86-01
07/17/97	none	--	--	--
08/14/97	none	--	--	--
09/11/97	0.05	--	none	none
10/17/97	0.15	--	--	--
11/14/97	0.24	--	--	--
12/16/97	0.93	none	none	none
01/14/98	0.53	--	--	--
02/16/98	0.04	--	--	--
03/12/98	0.02	--	none	none
04/22/98	none	--	--	--
05/20/98	0.38	--	--	--
06/16/98	0.51	--	none	none
07/16/98	none	--	--	--
08/19/98	0.51	--	--	--
09/17/98	0.78	--	none	none
10/14/98	0.77	--	--	--
11/18/98	0.84	--	--	--
12/16/98	0.96	0.02	none	none
01/12/99	0.96	--	--	--
02/16/99	0.05	--	--	--
03/10/99	0.09	--	none	none
04/12/99	0.12	--	--	--
05/18/99	none	--	--	--
06/15/99	none	--	none	none
07/21/99	none	--	--	--
08/17/99	0.02	--	--	--
09/20/99	0.15	--	none	none
10/19/99	0.52	--	--	--
11/17/99	0.45	--	--	--
12/16/99	0.47	0.03	none	none
01/11/00	0.49	--	--	--
02/15/00	0.55	--	--	--
03/16/00	0.38	--	none	none
04/19/00	0.35	--	--	--
05/15/00	none	--	--	--
06/13/00	none	--	none	none
07/25/00	none	--	--	--
08/23/00	none	--	--	--
09/22/00	0.02	--	none	none
10/23/00	none	--	--	--
11/16/00	0.02	--	--	--
12/20/00	none	0.04	none	none
01/18/01	none	--	--	--
02/21/01	none	--	--	--
03/21/01	none	--	none	none

-- = *Not measured*

General Motors
Grand Rapids Metal Fabrication Plant
FLOATING OIL SUMMARY (In Feet)

Date	85-03	85-05B	85-06	86-01
04/17/01	none	--	--	--
05/15/01	none	--	--	--
06/13/01	none	--	none	none
07/16/01	none	--	--	--
08/22/01	none	--	--	--
09/13/01	none	--	none	none
10/09/01	none	--	--	--
11/13/01	none	--	--	--
12/19/01	none	0.03	none	none
03/21/03	0.06	none	none	none
07/15/03	0.25	none	none	--
10/07/03	none	none	none	none
12/17/03	none	none	none	none
03/15/04	none	none	none	none
10/04/04	0.12	none	none	none
12/03/04	0.10	none	none	none
04/06/05	none	none	none	none
12/02/05	none	none	none	none
09/11/06	--	none	none	none
05/09/07	none	none	none	none
10/15/07	0.02	none	none	none
04/23/08	none	none	none	none
10/08/08	none	none	none	none
04/06/08	none	none	none	none
10/11/10	none	none	none	none

-- = *Not measured*

General Motors
Grand Rapids Metal Fabrication Plant
WATER LEVELS (In Feet)
SUMMARY

Start date:	12/21/1988	1/18/1989	2/17/1989	3/16/1989	4/20/1989	5/18/1989	6/16/1989	7/18/1989	8/22/1989	9/20/1989	10/13/1989	10/20/1989	11/17/1989	12/21/1989	1/12/1990
End date:	12/21/1988	1/20/1989	2/18/1989	3/17/1989	4/20/1989	5/18/1989	6/19/1989	7/18/1989	8/22/1989	9/20/1989	10/13/1989	10/20/1989	11/17/1989	12/21/1989	1/12/1990
85-1	660.08	660.01	Under water	659.85	659.80	659.76	659.93	659.86	Under water	659.91	659.60	Under water	659.66	659.53	659.42
85-2	658.54	658.47	658.34	658.37	658.30	658.35	658.42	658.45	658.84	658.47	658.27	658.39	658.37	658.14	658.10
85-3	661.23	661.06	660.58	660.43	660.68	660.55	660.78	660.74	660.63	660.58	660.11	660.11	659.55	659.92	659.33
85-5B	661.22	661.01	660.63	660.49	660.67	660.60	660.82	660.75	660.67	660.59	No access	No access	659.87	660.22	No access
85-6	661.80	661.59	661.14	661.12	661.38	661.25	661.37	661.37	661.28	661.14	660.71	660.69	660.42	660.87	660.44
85-7	659.04	658.95	658.77	658.73	658.65	658.73	658.83	658.86	659.02	658.88	658.62	658.73	658.39	658.41	658.34
86-1	Can't open	660.14	659.83	659.70	659.76	660.28	660.12	659.98	659.97	659.90	659.49	659.52	659.28	659.39	659.18
86-2	659.78	659.77	659.51	Pumping	Pumping	Pumping	658.17	657.92	Susp data	658.01	658.26	657.67	657.76	659.59	657.51
86-3	658.26	658.17	658.00	658.00	657.81	657.93	658.13	658.07	658.22	658.01	657.86	657.99	657.67	656.60	657.45
87-1	659.74	659.66	659.43	659.40	659.43	659.43	659.51	659.50	659.53	659.43	659.20	659.30	659.10	659.17	658.97
87-2	660.84	660.48	660.29	660.31	660.48	660.41	660.44	660.33	660.34	660.27	660.05	660.11	659.96	660.14	659.84
87-4	659.68	659.66	659.42	659.40	659.37	659.38	659.47	659.46	659.51	659.43	659.19	659.29	659.17	659.11	658.98
87-5	659.48	659.56	659.36	659.33	659.30	659.33	659.33	659.44	659.45	659.30	658.86	659.25	659.14	659.07	658.95
87-8	658.42	658.33	661.65	658.10	657.92	658.07	658.24	658.24	658.31	658.30	658.99	658.10	658.90	657.75	657.66
87-9	658.13	658.06	661.43	657.93	657.75	657.86	657.97	658.00	658.23	658.00	657.80	657.92	657.75	657.55	657.49
87-10	656.65	656.51	657.75	656.19	656.03	656.32	656.56	656.51	656.88	656.63	656.45	656.63	656.41	656.11	656.07
87-11	656.24	656.19	656.88	655.60	655.82	656.07	656.18	656.19	657.09	656.30	656.19	656.40	656.19	655.61	655.87
87-13	654.07	654.02	653.95	653.99	653.80	653.85	654.25	654.26	656.10	654.79	654.85	654.89	654.04	653.81	653.78
88-1	658.31	Broken	Broken	Broken	Broken	656.03	656.26	656.38	656.97	656.54	656.41	656.64	656.52	656.10	656.08
88-2	655.03	654.92	654.89	655.07	654.50	654.77	654.99	654.98	656.04	655.37	655.43	655.46	656.23	654.80	654.69
88-3	654.29	654.23	654.16	654.27	653.94	654.08	654.45	654.42	655.64	654.97	655.00	655.24	654.54	653.27	654.01
88-4	Can't find	653.19	653.14	653.27	653.01	653.00	653.54	653.54	654.85	654.04	654.06	654.28	653.63	652.69	652.63
93-1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW1-03	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW2-03	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW3-03	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW4-03	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW5-03	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW6-03	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW7-03	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW8-04	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW9-04	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW10-04	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW11D-04	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW11S-05	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW13-04	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW14-04	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW15-04	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW17-06	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW18-10	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
C-1	657.75	658.04	657.46	Gauge gone	657.64	657.66	657.66	657.87	657.65	Debris	657.87	657.87	657.87	657.87	657.82
C-2	655.38	654.58	650.84	649.79	651.38	651.37	Debris	Debris	Debris	Debris	Debris	Debris	***	***	***
C-4	*	*	656.92	Gauge gone	657.68	657.66	657.74	657.88	657.78	657.70	657.63	657.82	657.90	657.69	657.83
X-10	*	*	*	*	*	*	659.11	659.03	659.17	659.08	658.75	658.88	658.73	658.64	658.54
PW-DISCH	*	*	*	*	*	*	*	*	657.74	Pumping	657.36	657.49	653.84	653.05	652.79

-- = Not measured.

* = Not installed.

*** = City of Wyoming cleared culvert of debris, but broke the concrete elevation reference point.

**** = Well no longer exists.

Note: Additional monthly groundwater elevations are available in the database.

**General Motors
Grand Rapids Metal Fabrication Plant
WATER LEVELS (In Feet)
SUMMARY**

Start date:	2/16/1990	3/16/1990	4/12/1990	5/18/1990	6/18/1990	7/13/1990	8/20/1990	9/14/1990	10/12/1990	11/15/1990	12/17/1990	3/11/1991	6/13/1991	9/12/1991	12/13/1991
End date:	2/16/1990	3/16/1990	4/12/1990	5/18/1990	6/19/1990	7/13/1990	8/20/1990	9/14/1990	10/12/1990	11/15/1990	12/18/1990	3/12/1991	6/13/1991	9/12/1991	12/13/1991
85-1	Under water	659.65	Under water	659.87	659.81	leeds flush mt.	Can't open	Can't open	Can't open	660.13	660.15	659.75	659.90	659.89	660.02
85-2	658.17	658.29	658.27	658.54	658.43	658.65	658.46	658.75	658.65	658.64	659.06	658.41	658.50	658.51	658.67
85-3	659.86	660.21	660.17	660.78	660.85	660.63	660.61	660.45	660.71	661.45	661.46	660.6	661.01	659.81	661.11
85-5B	660.06	660.32	No access	660.83	660.89	660.67	No access	No access	No access	661.45	No access	--	--	--	660.18
85-6	660.62	661.00	661.13	661.46	661.55	661.30	661.40	661.27	661.55	662.10	662.03	661.11	661.55	660.80	661.56
85-7	658.42	658.55	658.57	658.84	658.76	658.66	658.85	658.71	658.91	659.07	659.07	658.71	658.88	658.78	659.07
86-1	659.34	659.55	659.69	660.01	660.01	659.81	659.83	659.69	659.95	660.49	660.54	659.67	660.00	659.54	660.27
86-2	657.59	657.76	Not running	657.92	657.84	657.76	657.84	657.92	658.01	658.01	658.26	657.92	657.84	657.84	Approx 659.30
86-3	657.52	657.63	657.65	657.92	657.83	657.73	657.83	657.73	658.01	658.11	658.11	657.84	657.99	657.91	658.22
87-1	659.04	659.22	659.24	659.46	659.45	659.35	659.56	659.51	659.63	659.83	659.89	659.36	659.56	659.38	659.59
87-2	659.88	660.17	660.06	660.27	660.27	660.20	660.56	660.49	660.65	660.77	660.90	660.24	660.51	660.31	660.48
87-4	659.06	659.21	659.23	659.47	659.41	659.31	659.49	659.42	659.61	659.75	659.79	659.38	659.56	659.45	659.63
87-5	659.01	659.16	659.21	659.46	659.38	659.30	659.42	659.35	659.54	659.74	659.77	659.34	659.51	659.37	659.61
87-8	657.75	657.88	657.91	658.20	658.12	658.00	658.08	657.98	658.24	658.57	658.58	658.06	658.26	658.11	658.49
87-9	657.56	657.75	657.69	657.95	657.85	657.75	657.85	657.02	658.05	658.10	658.11	657.84	657.98	657.93	658.19
87-10	656.16	656.36	656.30	656.54	656.42	656.32	656.42	656.33	656.65	656.70	656.69	656.43	656.53	656.50	656.84
87-11	655.95	656.12	656.03	656.24	656.11	656.04	656.14	656.06	656.33	656.31	656.29	656.12	656.17	656.21	656.38
87-13	653.90	653.98	653.89	654.04	653.91	653.93	654.00	654.02	654.10	654.12	654.08	653.98	654.04	654.10	654.22
88-1	656.15	656.29	656.23	656.49	656.30	656.24	656.39	656.26	656.67	656.55	****	****	****	****	****
88-2	654.67	654.83	654.90	655.12	654.97	654.98	655.04	654.91	657.43	655.14	655.26	655.00	654.82	655.06	655.60
88-3	654.10	654.24	654.16	654.43	654.18	654.17	654.39	654.24	654.80	654.45	654.36	654.25	654.29	654.52	654.62
88-4	653.06	653.21	653.13	653.44	653.16	653.20	653.49	653.29	653.78	653.40	653.36	653.29	653.34	653.51	653.75
93-1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW1-03	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW2-03	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW3-03	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW4-03	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW5-03	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW6-03	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW7-03	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW8-04	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW9-04	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW10-04	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW11D-04	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW11S-05	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW13-04	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW14-04	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW15-04	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW17-06	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW18-10	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
C-1	657.91	657.83	657.81	657.85	657.88	657.86	657.83	657.80	657.83	657.83	657.84	657.85	657.78	657.72	657.99
C-2	***	***	***	***	***	***	***	***	***	***	***	652.31	651.40	651.62	651.54
C-4	657.90	657.80	657.82	657.84	657.89	657.85	657.80	657.83	657.82	657.84	657.85	657.83	657.76	657.71	657.95
X-10	658.63	658.74	658.78	659.07	658.98	658.87	659.00	658.92	659.13	659.28	659.31	658.92	659.10	659.00	659.24
PW-DISCH	652.20	652.00	651.69	652.31	651.47	651.24	650.88	650.50	651.03	650.67	650.12	649.06	648.24	647.27	647.39

-- = Not measured.

* = Not installed.

*** = City of Wyoming cleared culvert of debris, but broke the concrete elevation reference point.

**** = Well no longer exists.

Note: Additional monthly groundwater elevations are available in the database.

**General Motors
Grand Rapids Metal Fabrication Plant
WATER LEVELS (In Feet)
SUMMARY**

Start date:	3/13/1992	6/12/1992	9/11/1992	12/10/1992	3/11/1993	6/14/1993	9/15/1993	12/17/1993	3/15/1994	6/14/1994	9/14/1994	12/16/1994	3/17/1995	6/20/1995	9/14/1995	12/18/1995
End date:	3/13/1992	6/12/1992	9/11/1992	12/10/1992	3/11/1993	6/15/1993	9/15/1993	12/17/1993	3/16/1994	6/14/1994	9/14/1994	12/16/1994	3/17/1995	6/20/1995	9/14/1995	12/18/1995
85-1	659.60	659.77	659.68	659.51	659.50	659.89	659.71	659.46	659.54	659.52	659.70	659.44	659.37	659.60	659.48	659.38
85-2	658.30	658.47	658.37	658.22	658.22	658.64	658.47	658.16	658.24	658.24	658.30	658.20	658.16	658.28	658.16	658.12
85-3	660.06	660.51	659.96	659.92	660.05	660.72	659.86	659.58	660.09	659.85	660.33	659.81	659.68	660.53	659.65	659.90
85-5B	--	--	--	660.10	--	--	--	659.94	--	--	--	659.95	--	--	--	659.92
85-6	660.79	661.08	660.78	660.62	660.75	661.43	660.56	660.44	660.80	660.54	659.12	660.45	660.37	661.11	660.48	660.46
85-7	658.59	658.85	658.64	658.48	658.47	658.81	658.65	658.48	658.49	658.46	658.62	658.41	658.34	658.57	658.36	658.32
86-1	659.41	659.72	659.41	659.17	659.26	659.81	659.30	659.11	659.37	659.16	661.34	659.09	658.98	659.52	659.05	659.06
86-2	658.90	659.10	658.99	658.81	658.83	659.13	658.96	658.71	658.91	658.89	659.35	658.89	658.76	659.14	659.18	658.79
86-3	657.74	660.12	657.76	657.60	657.60	657.93	Susp data	657.52	657.66	657.58	657.69	657.57	657.43	657.69	657.52	657.47
87-1	659.17	659.37	659.26	659.16	659.13	659.45	659.11	659.01	659.10	659.03	659.30	659.02	658.93	659.25	659.02	658.99
87-2	660.10	660.21	660.28	660.09	660.13	660.43	659.99	659.96	660.01	660.01	660.27	659.96	659.93	660.25	660.04	659.95
87-4	659.21	659.39	659.28	659.14	659.12	659.43	659.23	659.03	659.13	659.08	659.33	659.04	658.95	659.21	659.04	658.99
87-5	659.17	659.37	659.23	659.07	659.05	659.58	659.18	658.98	659.12	659.05	659.27	658.99	658.90	659.17	658.97	658.95
87-8	657.96	658.22	657.98	657.82	657.81	658.15	658.04	657.75	657.92	657.77	657.95	657.74	657.62	657.92	657.72	657.64
87-9	657.75	658.02	657.77	657.63	657.62	657.99	Susp data	658.60	657.71	657.66	657.71	657.59	657.48	657.70	657.54	657.49
87-10	656.36	656.49	656.35	656.21	656.24	656.55	656.48	656.15	656.31	656.24	656.21	656.09	656.08	656.26	656.04	656.03
87-11	656.06	656.17	656.10	655.99	656.04	656.22	656.21	655.93	656.04	656.04	656.04	655.92	655.87	656.00	655.85	655.83
87-13	654.01	653.99	653.95	653.88	653.94	654.05	653.99	653.76	653.90	653.84	653.78	653.73	653.71	653.70	653.59	653.56
88-1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
88-2	655.26	655.00	655.16	655.08	655.04	655.12	655.20	654.66	654.86	654.82	654.66	654.59	654.57	654.61	654.48	654.50
88-3	654.27	654.20	654.31	654.11	654.12	654.47	654.54	654.00	654.13	654.13	653.99	653.94	653.88	653.94	653.78	653.80
88-4	653.45	653.21	653.23	653.11	653.29	653.44	653.34	652.98	653.21	653.03	652.89	652.87	652.88	652.89	652.76	652.76
93-1	*	*	*	*	*	*	655.28	655.13	655.17	655.18	655.11	655.12	655.03	655.10	655.17	655.01
MW1-03	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW2-03	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW3-03	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW4-03	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW5-03	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW6-03	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW7-03	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW8-04	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW9-04	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW10-04	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW11D-04	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW11S-05	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW13-04	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW14-04	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW15-04	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW17-06	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW18-10	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
C-1	657.90	657.81	657.84	657.84	657.99	657.77	657.74	657.81	657.88	657.84	657.79	657.92	657.74	Debris	Debris	Debris
C-2	651.77	-	651.47	651.94	652.12	651.73	**	**	**	**	649.07	649.82	649.22	649.07	649.17	649.02
C-4	657.84	657.65	657.83	657.85	657.87	657.70	657.73	657.80	657.83	657.75	657.75	657.86	657.73	657.75	657.65	657.58
X-10	658.79	659.00	658.74	658.69	658.66	659.01	658.82	658.60	658.72	658.67	658.82	658.62	658.52	658.69	658.57	658.55
PW-DISCH	645.15	658.13	644.56	644.75	644.36	643.97	642.87	642.33	642.25	641.17	655.00	655.19	654.43	654.57	654.17	653.89

-- = Not measured.

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**** = Well no longer exists.

Note: Additional monthly groundwater elevations are available in the database.

**General Motors
Grand Rapids Metal Fabrication Plant
WATER LEVELS (In Feet)
SUMMARY**

Start date:	3/19/1996	6/13/1996	9/13/1996	12/12/1996	3/13/1997	6/19/1997	9/11/1997	12/16/1997	3/12/1998	6/16/1998	9/17/1998	12/16/1998	3/10/1999	6/15/1999	9/20/1999	12/16/1999	3/16/2000	6/13/2000	9/22/2000	12/20/2000	3/21/2001
End date:	3/19/1996	6/13/1996	9/13/1996	12/13/1996	3/13/1997	6/19/1997	9/11/1997	12/16/1997	3/13/1998	6/16/1998	9/17/1998	12/16/1998	3/10/1999	6/15/1999	9/20/1999	12/16/1999	3/16/2000	6/13/2000	9/22/2000	12/20/2000	3/21/2001
85-1	659.15	659.67	659.38	659.18	659.64	659.45	659.33	659.06	Under ice	658.86	659.14	658.90	659.20	659.46	659.30	659.01	658.79	659.70	659.40	659.38	659.74
85-2	657.99	658.39	658.13	657.96	658.51	658.14	658.07	657.92	658.05	657.73	657.98	657.86	658.19	658.32	658.04	657.99	657.93	658.62	658.22	658.20	658.54
85-3	658.61	660.90	660.17	658.78	661.16	660.24	659.77	658.42	659.73	658.44	658.58	658.06	659.50	660.47	659.26	658.61	658.60	660.71	659.78	659.99	660.48
85-5B	--	--	--	659.50	--	--	--	659.39	--	--	--	659.02	--	--	--	659.11	--	--	--	659.94	--
85-6	660.05	661.45	661.19	660.08	661.66	660.79	660.44	659.94	660.29	659.73	659.93	659.46	660.11	661.69	659.97	659.64	659.51	661.22	660.31	660.45	660.99
85-7	658.13	658.69	658.35	658.15	658.72	658.39	658.27	658.06	658.23	657.65	658.12	658.09	658.20	658.46	658.21	656.85	657.89	658.80	658.40	658.41	658.79
86-1	658.67	659.83	659.15	658.65	660.01	659.29	658.96	658.53	658.91	658.11	658.60	658.26	659.69	659.33	658.69	658.36	658.24	659.80	659.04	659.17	659.56
86-2	658.55	659.72	658.84	658.66	659.21	658.97	658.86	658.61	658.76	658.03	658.63	659.40	658.83	659.24	658.67	658.25	658.10	658.18	658.24	658.28	657.88
86-3	657.32	657.80	657.55	657.27	657.93	657.58	657.40	657.21	657.40	656.91	657.29	657.13	657.37	657.58	657.32	657.23	657.09	657.90	657.55	657.55	657.93
87-1	658.73	659.34	659.00	658.77	659.45	659.08	658.93	658.67	658.82	657.55	658.43	658.32	658.80	659.00	658.72	658.51	658.35	659.26	658.98	658.97	659.46
87-2	659.63	660.25	659.98	659.71	660.26	660.07	659.91	659.56	659.68	659.39	659.62	659.08	659.62	659.79	659.48	659.37	659.14	660.02	659.86	659.87	660.48
87-4	658.73	659.29	659.01	658.79	659.35	659.07	658.93	658.69	658.83	658.16	658.74	658.50	658.83	658.99	658.75	658.56	658.36	659.26	658.99	659.01	659.36
87-5	658.68	659.28	658.96	658.75	659.31	659.00	658.89	659.63	658.81	657.91	658.69	658.45	658.77	658.94	658.70	658.53	658.34	659.27	658.93	658.93	659.32
87-8	657.47	658.05	657.76	657.44	658.21	657.78	657.56	657.35	657.55	657.15	657.43	657.25	657.53	657.76	657.49	657.35	657.21	658.17	657.73	657.76	658.10
87-9	657.31	657.81	657.58	657.33	657.84	657.60	657.43	657.26	657.45	657.10	657.35	657.22	657.11	657.60	657.38	657.34	657.18	658.04	657.60	657.61	657.84
87-10	655.88	656.32	656.00	655.84	656.52	656.08	655.90	655.76	655.96	655.90	655.85	655.72	655.92	656.14	655.92	655.93	655.79	656.67	656.14	656.18	656.37
87-11	655.71	656.01	655.81	655.70	656.15	655.76	655.72	655.62	655.76	655.71	655.69	655.60	655.74	655.93	655.78	655.95	655.79	656.40	656.05	656.08	656.19
87-13	653.55	653.66	653.45	653.43	653.73	653.49	653.42	653.42	653.52	653.47	653.41	653.30	653.52	653.62	653.57	653.74	653.61	653.96	653.57	653.55	653.74
88-1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
88-2	654.80	654.66	654.38	654.40	654.67	654.45	654.46	654.31	654.50	654.44	654.38	654.25	654.42	654.62	654.51	654.64	654.46	655.20	654.61	--	654.66
88-3	653.70	653.91	653.68	653.70	653.98	653.72	653.70	Damaged	653.86	654.05	654.00	653.94	654.06	654.20	654.13	654.37	654.14	654.83	654.22	654.10	654.18
88-4	652.67	653.30	652.64	652.67	652.95	652.74	652.70	652.61	652.84	652.75	652.62	652.68	652.79	652.91	652.94	653.17	652.93	653.60	652.93	652.90	652.85
93-1	654.90	655.07	654.89	654.83	655.13	654.82	654.79	654.79	654.82	654.80	654.80	654.72	654.80	655.06	654.94	655.15	655.93	655.36	655.04	655.09	655.18
MW1-03	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW2-03	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW3-03	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW4-03	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW5-03	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW6-03	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW7-03	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW8-04	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW9-04	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW10-04	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW11D-04	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW11S-05	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW13-04	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW14-04	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW15-04	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW17-06	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW18-10	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
C-1	Debris	Debris	657.50	657.39	657.46	657.60	657.64	Debris	657.65	657.58	657.64	657.57	657.62	657.63	Debris	657.76	657.70	Debris	Debris	Debris	657.82
C-2	649.02	649.17	649.02	649.01	649.39	649.10	Debris	649.10	650.14	649.31	649.02	650.08	650.32	Debris	650.54	650.90	650.81	650.59	650.50	650.42	649.17
C-4	657.63	657.77	657.43	657.37	657.44	657.61	657.61	657.69	657.61	657.57	657.55	657.55	657.67	660.62	657.72	657.73	657.71	657.75	657.73	657.75	657.77
X-10	658.33	658.92	658.61	658.37	659.94	658.60	660.49	#	****	****	****	****	****	****	****	****	****	****	****	****	****
PW-DISCH	653.81	652.87	653.34	653.02	653.54	653.04	652.52	652.43	652.65	651.82	652.01	651.85	651.64	651.46	651.37	651.07	650.54	651.39	651.15	650.73	651.22

-- = Not measured.

* = Not installed.

*** = City of Wyoming cleared culvert of debris, but broke the concrete elevation reference point.

**** = Well no longer exists.

Note: Additional monthly groundwater elevations are available in the database.

-- = Not measured.

* = Not installed.

*** = City of Wyoming cleared culv

**** = Well no longer exists.

Note: Additional monthly groundw

**General Motors
Grand Rapids Metal Fabrication Plant
WATER LEVELS (In Feet)
SUMMARY**

Start date:	6/13/2001	9/13/2001	12/19/2001	3/28/2002	6/26/2002	9/26/2002	12/9/2002	3/20/2003	7/14/2003	9/29/2003	12/17/2003	3/15/2003	10/4/2004	11/30/2004	4/4/2005	6/27/2005	12/2/2005	9/11/2006	5/9/2007	10/15/2007	4/23/2008	10/8/2008	4/6/2009	10/6/2009	10/11/2010	
End date:	6/13/2001	9/13/2001	12/19/2001	3/28/2002	6/26/2002	9/26/2002	12/9/2002	3/20/2003	7/15/2003	9/29/2003	12/18/2003	3/15/2003	10/6/2004	12/3/2004	4/4/2005	6/27/2005	12/2/2005	9/13/2006	5/12/2007	10/15/2007	4/23/2008	10/8/2008	4/6/2009	10/6/2009	10/11/2010	
85-1	659.91	659.83	659.76	660.17	660.10	659.99	659.96	659.28	658.87	658.63	658.63	659.17	658.89	658.98	659.25	659.18	658.85	661.35	660.03	659.15	659.57	659.67	659.66	659.66	659.33	
85-2	658.61	658.48	658.44	658.83	658.80	658.66	658.49	657.35	657.75	657.57	658.24	658.24	657.81	657.91	657.99	657.90	657.76	661.23	658.63	657.95	658.23	658.33	658.34	658.34	658.03	
85-3	661.17	660.45	660.54	661.15	660.92	660.80	660.07	658.91	659.31	659.37	--	660.31	659.11	659.26	660.21	660.10	--	--	659.56	661.02	661	661.15	661.15	661.15	****	
85-5B	--	--	660.57	661.08	660.85	660.71	660.71	--	659.56	659.63	--	660.18	659.33	659.45	660.26	660.10	659.21	660.16	661.66	659.61	661	661.03	661.14	661.14	660.09	
85-6	661.75	661.04	661.08	661.95	661.68	661.24	661.34	660.07	659.80	659.40	659.94	660.57	659.73	659.97	660.67	660.66	659.64	660.77	662.01	660.00	661.59	661.52	661.65	661.65	660.37	
85-7	658.97	658.77	658.68	658.93	658.83	658.62	658.44	658.27	657.57	657.36	657.72	657.82	657.50	657.67	658.02	657.93	657.63	658.01	658.70	657.86	658.36	658.45	658.48	658.48	657.96	
86-1	660.20	659.65	659.60	660.26	660.04	660.07	659.97	658.50	--	658.1	--	659.21	658.32	658.49	659.19	659.04	658.32	658.99	660.35	658.70	659.88	659.86	660.01	660.01	658.93	
86-2	658.50	658.70	658.88	659.14	659.21	659.29	659.03	658.60	658.45	658.18	658.35	658.31	658.47	658.54	--	658.89	658.75	660.73	661.37	658.90	658.98	659.68	659.00	659.00	660.48	
86-3	658.06	657.87	657.80	658.33	658.18	658.30	657.97	--	656.85	656.69	657.46	657.01	657.32	656.97	657.42	657.30	657.09	653.7	658.00	657.29	657.72	658.08	657.90	657.90	657.3	
87-1	659.59	659.41	659.36	659.60	659.53	659.67	659.05	658.68	658.56	658.38	659.62	658.71	658.57	658.71	659.06	659.02	658.64	662.46	659.96	658.91	659.53	659.62	659.62	659.62	659.09	
87-2	660.48	660.44	660.24	660.52	660.46	660.41	659.96	658.46	659.40	658.95	659.28	659.21	659.43	659.43	659.92	659.88	659.41	670.39	660.87	659.81	660.41	660.5	660.50	660.50	660.14	
87-4	659.58	659.39	659.35	659.32	659.21	659.06	658.97	658.49	653.68	658.42	658.68	658.91	658.71	658.71	659.05	658.94	658.56	660.22	660.02	658.90	659.56	659.68	659.68	659.68	659.25	
87-5	657.54	659.34	659.31	659.33	659.10	658.91	658.82	658.72	658.40	658.15	658.53	658.60	658.37	658.37	658.87	658.78	658.49	658.52	659.66	658.71	659.23	659.33	659.37	659.37	658.89	
87-8	658.33	658.08	658.01	658.46	658.33	658.05	657.75	657.62	656.49	656.88	657.76	658.30	656.96	656.96	657.68	657.54	657.28	655.36	658.16	657.53	657.88	657.96	658.05	658.05	657.42	
87-9	658.05	657.90	657.86	658.06	658.00	657.74	657.67	657.50	656.69	656.70	657.00	657.03	656.81	656.81	657.30	657.90	657.03	653.88	657.80	657.16	657.64	657.81	657.73	657.73	657.25	
87-10	656.68	656.58	656.51	657.18	657.03	656.84	657.07	656.54	655.57	655.48	655.66	655.78	655.53	655.78	656.02	659.02	655.54	654.16	656.25	655.68	656.37	656.25	656.25	656.25	655.73	
87-11	653.07	656.29	656.58	656.79	656.67	656.54	656.39	656.33	655.52	655.43	655.52	655.39	655.71	655.77	655.53	655.43	654.43	655.83	655.54	655.83	655.87	656.2	655.35	655.35	655.43	
87-13	653.69	653.57	653.76	653.69	653.49	653.47	653.69	653.48	652.81	652.75	652.79	652.83	652.68	653.37	653.70	652.85	652.41	653.14	653.08	652.83	653.12	653.55	653.19	653.19	652.91	
88-1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	--	--	--	--	--	--	
88-2	654.80	654.74	654.69	655.07	654.93	654.77	654.74	654.54	--	653.76	654.7	653.99	653.72	654.54	654.40	653.87	653.87	650.15	654.10	653.85	654.15	654.4	654.26	654.26	653.9	
88-3	654.31	654.32	654.20	654.22	654.12	654.03	653.95	654.04	--	653.04	653.12	653.27	652.99	654.12	653.96	653.16	653.27	652.85	653.38	653.13	653.43	653.65	653.49	653.49	653.22	
88-4	653.01	652.96	652.87	652.93	652.88	652.72	652.61	652.72	--	652.25	652.25	652.55	652.21	653.06	653.34	652.38	652.57	650.43	652.63	652.35	652.6	652.84	652.82	652.82	652.45	
93-1	655.30	655.20	655.28	--	--	--	--	655.46	654.20	654.34	654.6	654.36	--	--	--	****	****	--	--	--	--	--	--	--	--	
MW1-03	*	*	*	*	*	*	*	*	660.36	660.11	660.38	660.29	660.40	661.70	660.76	662.16	660.58	662.52	661.74	660.59	661.47	661.38	661.40	661.40	660.88	
MW2-03	*	*	*	*	*	*	*	*	660.04	659.72	660.09	660.11	660.07	660.47	660.72	661.00	659.88	661.35	662.10	660.31	661.73	661.65	661.65	661.65	660.63	
MW3-03	*	*	*	*	*	*	*	*	661.15	660.92	661.24	661.15	661.34	661.71	661.78	662.13	661.26	662.25	663.05	661.54	662.86	662.5	662.57	662.57	662.43	
MW4-03	*	*	*	*	*	*	*	*	656.17	656.11	656.26	656.42	656.09	656.30	656.67	656.46	656.28	656.14	657.11	656.38	656.91	657.01	657.02	657.02	656.47	
MW5-03	*	*	*	*	*	*	*	*	655.28	655.16	655.57	655.52	655.22	655.49	655.82	655.45	655.24	655.63	655.98	655.36	655.89	655.93	655.97	655.97	655.42	
MW6-03	*	*	*	*	*	*	*	*	653.04	653.01	653.14	653.26	653.04	653.64	653.98	653.20	653.21	653.52	653.54	653.15	653.55	653.72	653.62	653.62	653.22	
MW7-03	*	*	*	*	*	*	*	*	657.10	656.93	657.19	657.29	657.08	657.24	657.64	657.52	657.27	657.78	658.19	657.54	657.98	658.17	658.06	658.06	657.59	
MW8-04	*	*	*	*	*	*	*	*	*	*	*	*	*	654.69	655.07	654.60	654.33	654.76	655.12	654.51	655.05	655.07	655.13	655.13	654.57	
MW9-04	*	*	*	*	*	*	*	*	*	*	*	*	*	655.85	656.18	655.89	655.65	656.03	656.49	655.79	656.33	656.41	656.47	656.47	655.88	
MW10-04	*	*	*	*	*	*	*	*	*	*	*	*	*	656.64	656.88	656.83	656.59	657.06	657.28	656.69	657.11	657.32	657.22	657.22	656.77	
MW11D-04	*	*	*	*	*	*	*	*	*	*	*	*	*	656.73	656.77	656.71	656.67	657.14	657.05	656.72	657.02	657.45	657.10	657.10	656.75	
MW11S-05	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	656.88	656.61	656.91	657.4	656.97	656.97	656.76	
MW13-04	*	*	*	*	*	*	*	*	*	*	*	*	*	658.66	659.49	659.30	658.52	671.72	660.53	659.08	660.17	660.19	660.35	660.35	658.87	
MW14-04	*	*	*	*	*	*	*	*	*	*	*	*	*	658.79	659.14	659.04	658.75	661.95	659.93	658.98	659.5	659.61	659.62	659.62	659.13	
MW15-04	*	*	*	*	*	*	*	*	*	*	*	*	*	657.86	657.94	657.83	657.67	649.87	658.72	657.87	658.19	658.34	658.28	658.28	657.94	
MW17-06	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	660.50	660.22	660.53	658.34	660.63	660.63	660.63	659.84	
MW18-10	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	659.84
C-1	657.80	657.70	658.42	--	--	--	--	--	657.26	657.42	657.55	657.25	657.21	657.26	657.16	657.09	656.99	--	--	657.11	662.61	658.06	657.41	657.41	657.28	
C-2	649.10	649.09	649.72	--	--	--	--	--	650.46	650.55	650.67	650.84	650.98	--	653.41	650.78	652.21	650.82	650.83	650.79	658.81	652.12	650.96	650.96	651.41	
C-4	657.79	657.73	658.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
X-10	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
PW-DISCH	651.43	650.64	649.96	--	--	--	--	--	649.67	649.18	649.99	650.00	--	--	657.47	657.35	--	669.39	658.04	657.31	657.79	657.95	657.93	657.93	657.39	

ert of debris, but broke the concrete elevation reference point.

water elevations are available in the database.

**General Motors
Grand Rapids Metal Fabrication Plants
VACUUM SUMMARY
(Pressure in Inches)**

Date: 4/20/1989 5/18/1989 6/16/1989 7/18/1989 8/22/1989 9/20/1989 10/13/1989 10/20/1989 11/17/1989 12/21/1989 1/12/1990 2/16/1990 3/16/1990

Site

87-3	75.00	76.00	76.00	75.00	75.00	77.00	76.00	75.00	75.00	76.00	76.00	76.00	76.00
P1	0.28	0.30	0.30	0.30	0.31	0.32	0.31	0.26	0.27	0.29	0.29	0.30	0.29
P3	0.42	0.44	0.44	0.46	0.44	0.46	0.45	0.43	0.45	0.42	0.44	0.46	0.44
P4	0.63	0.67	0.67	0.65	0.68	0.68	0.69	0.62	0.62	0.66	0.65	0.67	0.62
P5	0.26	0.28	0.29	0.29	0.30	0.30	0.29	0.25	0.25	0.26	0.26	0.26	0.29

Date: 4/12/1990 5/18/1990 6/19/1990 7/13/1990 8/20/1990 9/14/1990 10/12/1990 11/15/1990 12/18/1990 3/11/1991 4/18/1991 5/16/1991 6/13/1991

Site

87-3	76.00	77.00	77.00	77.00	76.00	76.00	76.00	78.00	75.00	77.00	77.00	78.00	80.00
P1	0.28	0.30	0.29	0.31	0.30	0.26	0.28	0.30	0.18	0.25	0.28	0.31	0.31
P3	0.44	0.46	0.46	0.47	0.49	0.45	0.43	0.47	0.36	0.42	0.46	0.48	0.49
P4	0.63	0.68	0.65	0.69	0.68	0.61	0.64	0.67	0.56	0.62	0.64	0.68	0.68
P5	0.25	0.27	0.26	0.29	0.29	0.24	0.25	0.28	0.17	0.26	0.26	0.28	0.28

**General Motors
Grand Rapids Metal Fabrication Plants
VACUUM SUMMARY
(Pressure in Inches)**

Date: 7/19/1991 8/19/1991 9/12/1991 10/16/1991 11/15/1991 12/13/1991 1/17/1992 2/14/1992 3/13/1992 4/21/1992 5/15/1992 6/12/1992 7/17/1992 8/13/1992

Site

87-3	79.00	80.00	80.00	80.00	79.00	80.00	79.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00
P1	0.33	0.32	0.29	0.30	0.30	0.29	0.33	0.36	0.33	0.42	0.36	0.36	0.36	0.37
P3	0.50	0.48	0.49	0.45	0.48	0.48	0.45	0.46	0.45	0.50	0.47	0.48	0.58	0.48
P4	0.70	0.68	0.66	0.68	0.67	0.65	0.62	0.66	0.63	0.73	0.66	0.67	0.68	0.68
P5	0.30	0.28	0.27	0.26	0.27	0.26	0.25	0.26	0.25	0.31	0.27	0.28	0.28	0.28

Date: 9/11/1992 10/16/1992 11/12/1992 12/10/1992 1/15/1993 2/12/1993 3/11/1993 4/15/1993 5/13/1993 6/14/1993 7/16/1993 8/11/1993 9/15/1993 10/19/1993

Site

87-3	78.00	80.00	75.00	85.00	83.00	85.00	86.00	86.00	85.00	86.00	88.00	88.00	90.00	85.00
P1	0.38	0.37	0.26	0.23	0.34	0.22	0.36	0.30	0.36	0.37	0.38	0.40	0.40	0.35
P3	0.46	0.47	0.38	0.45	0.46	0.44	0.48	0.44	0.50	0.51	0.50	0.50	0.54	0.48
P4	0.69	0.68	0.53	0.65	0.63	0.61	0.68	0.59	0.67	0.68	0.69	0.73	0.73	0.66
P5	0.28	0.24	0.18	0.24	0.25	0.23	0.26	0.19	0.26	0.29	0.28	0.30	0.31	0.25

**General Motors
Grand Rapids Metal Fabrication Plants
VACUUM SUMMARY
(Pressure in Inches)**

Date: 11/17/1993 12/17/1993 1/13/1994 2/15/1994 3/16/1994 4/13/1994 5/12/1994 6/14/1994 7/13/1994 8/12/1994 9/14/1994 10/18/1994 11/11/1994 12/16/1994

Site

87-3	89.00	89.00	88.00	88.00	86.00	86.00	85.00	90.00	90.00	90.00	88.00	89.00	90.00	85.00
P1	0.36	0.36	0.34	0.36	0.35	0.36	0.38	0.39	0.39	0.40	0.40	0.40	0.35	0.35
P3	0.48	0.50	0.46	0.49	0.48	0.48	0.50	0.51	0.53	0.51	0.52	0.50	0.48	0.48
P4	0.68	0.68	0.65	0.68	0.66	0.68	0.70	0.71	0.71	0.72	0.73	0.72	0.67	0.66
P5	0.26	0.26	0.25	0.26	0.25	0.26	0.27	0.30	0.30	0.31	0.31	0.31	0.26	0.25

Date: 1/13/1995 2/14/1995 3/17/1995 4/13/1995 5/15/1995 6/20/1995 7/13/1995 8/11/1995 9/14/1995 10/17/1995 11/17/1995 12/18/1995 1/16/1996 2/19/1996

Site

87-3	88.00	90.00	90.00	90.00	90.00	88.00	9.00	7.50	83.00	8.50	1.50	85.00	83.00	82.00
P1	0.42	0.37	0.35	0.32	0.36	0.40	0.40	0.38	0.36	0.36	0.05	0.33	0.32	0.33
P3	0.52	0.48	0.48	0.48	0.50	0.50	0.52	0.52	0.47	0.43	0.10	0.45	0.62	0.24
P4	0.74	0.66	0.66	0.66	0.68	0.70	0.72	0.66	0.67	0.68	0.24	0.63	0.60	0.60
P5	0.32	0.26	0.25	0.24	0.26	0.30	0.30	0.28	0.28	0.28	0.10	0.24	0.24	0.45

**General Motors
Grand Rapids Metal Fabrication Plants
VACUUM SUMMARY
(Pressure in Inches)**

Date: 3/19/1996 4/12/1996 5/16/1996 6/13/1996 7/16/1996 8/16/1996 9/13/1996 10/17/1996 11/19/1996 12/12/1996 1/20/1997 2/14/1997 3/13/1997 4/18/1997

Site

87-3	82.00	84.00	85.00	85.00	75.00	85.00	85.00	85.00	88.00	88.00	86.00	86.00	90.00	90.00
P1	0.34	0.36	0.39	0.39	0.38	0.40	0.36	0.36	0.36	0.35	0.35	0.34	0.36	0.35
P3	0.45	0.50	0.49	0.30	0.50	0.50	0.48	0.48	0.48	0.48	0.46	0.45	0.47	0.49
P4	0.65	0.66	0.70	0.71	0.70	0.73	0.66	0.68	0.68	0.66	0.66	0.64	0.58	0.66
P5	0.26	0.26	0.30	0.50	0.30	0.30	0.26	0.28	0.26	0.25	0.25	0.25	0.20	0.25

Date: 5/15/1997 6/19/1997 7/17/1997 8/14/1997 9/19/1997 10/17/1997 11/14/1997 12/16/1997 1/14/1998 2/16/1998 3/12/1998 4/22/1998 5/20/1998 6/16/1998

Site

87-3	90.00	90.00	90.00	90.00	85.00	85.00	88.00	86.00	85.00	87.00	90.00	85.00	88.00	90.00
P1	0.35	0.38	0.38	0.38	0.38	0.36	0.36	0.36	0.28	0.38	0.36	0.38	0.38	0.36
P3	0.50	0.51	0.50	0.52	0.52	0.50	0.48	0.46	0.40	0.48	0.46	0.49	0.52	0.51
P4	0.68	0.70	0.70	0.70	0.70	0.66	0.66	0.66	0.58	0.60	0.66	0.69	0.68	0.68
P5	0.26	0.29	0.28	0.28	0.30	0.26	0.25	0.27	0.20	0.21	0.25	0.28	0.27	0.29

**General Motors
Grand Rapids Metal Fabrication Plants
VACUUM SUMMARY
(Pressure in Inches)**

Date: 7/16/1998 8/19/1998 9/17/1998 10/14/1998 11/18/1998 12/16/1998 1/12/1999 2/16/1999 3/18/1999 4/12/1999 5/18/1999 6/15/1999 7/21/1999

Site

87-3	90.00	90.00	85.00	80.00	60.00	85.00	85.00	85.00	90.00	85.00	90.00	90.00	90.00
P1	0.40	0.42	0.38	0.34	0.28	0.32	0.36	0.36	0.35	0.35	0.38	0.40	0.38
P3	0.52	0.52	0.29	0.46	0.36	0.42	0.52	0.46	0.46	0.46	0.51	0.52	0.53
P4	0.70	0.75	0.70	0.64	0.55	0.63	0.66	0.66	0.63	0.66	0.68	0.70	0.70
P5	0.30	0.32	0.54	0.26	0.22	0.23	0.26	0.26	0.34	0.25	0.28	0.30	0.30

Date: 8/17/1999 9/20/1999 10/19/1999 11/17/1999 12/16/1999 1/11/2000 2/15/2000 3/16/2000 4/19/2000 5/15/2000 6/13/2000 7/25/2000 8/23/2000

Site

87-3	80.00	90.00	90.00	90.00	88.00	82.00	70.00	90.00	90.00	90.00	90.00	90.00	90.00
P1	0.40	0.36	0.36	0.24	0.36	0.35	0.32	0.34	0.40	0.35	0.37	0.40	0.38
P3	0.52	0.50	0.48	0.45	0.50	0.47	0.44	0.46	0.54	0.50	0.48	0.52	0.56
P4	0.72	0.68	0.66	0.62	0.68	0.65	0.58	0.64	0.72	0.66	0.26	0.70	0.70
P5	0.30	0.28	0.25	0.24	0.25	0.25	0.24	0.24	0.30	0.26	0.71	0.28	0.28

**General Motors
Grand Rapids Metal Fabrication Plants
VACUUM SUMMARY
(Pressure in Inches)**

Date: 9/22/2000 10/23/2000 11/16/2000 12/20/2000 1/18/2001 2/21/2001 3/21/2001 6/13/2001 8/22/2001 9/13/2001 10/9/2001 11/13/2001 12/19/2001 1/4/2002

Site

87-3	90.00	90.00	17.00	90.00	90.00	90.00	90.00	92.00	90.00	90.00	92.00	94.00	92.00	15
P1	0.38	0.38	0.00	0.36	0.36	0.36	0.35	0.38	No Access	0.40	No Access	0.36	0.35	0.32
P3	0.52	0.51	0.10	0.60	0.50	0.59	0.50	0.48	0.56	0.55	0.48	0.48	0.46	0.49
P4	0.72	0.68	0.21	0.68	0.68	0.68	0.66	0.68	0.55	0.72	0.68	0.68	0.64	0.68
P5	0.29	0.28	0.07	0.25	0.26	0.26	0.24	0.27	0.15	0.30	0.26	0.26	0.22	0.22

Date: 2/6/2002 3/27/2002 4/3/2002 5/1/2002 6/12/2002 7/3/2002 8/14/2002 9/9/02 10/16/2002 11/27/2002 12/18/2002 1/29/2003 2/12/2003 3/19/2003

Site

87-3	No Access	14	14	9	9.00	1.75	SD	SD	9.00	9.50	SD	9.00	9.50	SD
P1	0.39	0.38	0.40	0.31	0.40	No Access	SD	SD	No Access	0.34	SD	0.41	0.24	SD
P3	0.50	0.45	0.50	0.45	0.55	0.12	SD	SD	0.12	0.13	SD	0.11	0.11	SD
P4	0.70	0.69	0.70	0.15	0.70	0.24	SD	SD	0.23	No Access	SD	0.68	0.60	SD
P5	28 H ₂ O"	0.28	0.28	0.30	0.30	0.10	SD	SD	0.23	0.24	SD	0.22	0.20	SD

Notes:
SD-System Down

**General Motors
Grand Rapids Metal Fabrication Plants
VACUUM SUMMARY
(Pressure in Inches)**

Date: 7/14/2003 9/30/2003 12/17/2003 3/15/2004 10/4/2004 12/3/2004

Site

87-3	SD	SD	SD	SD	SD	SD
P1	SD	SD	SD	SD	SD	SD
P3	SD	SD	SD	SD	SD	SD
P4	SD	SD	SD	SD	SD	SD
P5	SD	SD	SD	SD	SD	SD

Date:

Site

87-3
P1
P3
P4
P5

Notes:
SD-System Down

General Motors
Grand Rapids Metal Fabrication Plant
Monitoring Well Data Summary/Analytical Data

SITE: 85-7 **ELEVATION:** top of casing - 678.69
REVISION: 1/7/2011 **DEPTH:** screen - 20.6 to 25.6
UNITS: ug/L

Date	Sample	PCE	TCE	1,2-DCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
12/06/85	E58330	2 U	84	4	<2	--	--	<10
05/05/86	E62226	2 U	240	10	<2	--	--	<10
01/21/87	E70821	2 U	150	4	<2	--	--	<10
12/21/88	E11590	--	97	<2	--	--	--	--
03/17/89	E15517	--	70	1.2	--	--	--	--
06/15/89	E21115	--	45	<1	--	--	--	--
09/20/89	E25594	--	40	<1	--	--	--	--
12/21/89	E30989	--	29	<1	--	--	--	--
03/16/90	E35816	--	23	<1	--	--	--	--
06/18/90	E42010	--	21	<1	--	--	--	--
09/14/90	E48214	--	35	<1	--	--	--	--
12/17/90	E54814	--	21	<2	--	--	--	--
03/11/91	E59922	--	22	<1	--	--	--	--
06/13/91	E67558	--	34	<1	--	--	--	--
09/12/91	E72976	--	25	1	--	--	--	--
12/13/91	E07643	--	22	2	--	--	--	--
03/13/92	E15380	--	37	3	--	--	--	--
06/12/92	E23259	--	38	1.6	--	--	--	--
09/11/92	E31913	--	38	1.1	--	--	--	--
12/10/92	E40326	--	33	<1	--	--	--	--
03/11/93	E47623	--	23	<1	--	--	--	--
06/14/93	E56589	--	17	<1	--	--	--	--
09/15/93	E66025	--	21	<1	--	--	--	--
12/17/93	E75745	--	13	<1	--	--	--	--
03/16/94	E81239	--	12	<1	--	--	--	--
06/14/94	E89391	--	11	<1	--	--	--	--
09/14/94	E97442	--	12	<1	--	--	--	--
12/16/94	E106399	--	7	<1	--	--	--	--
03/17/95	E112947	--	6.8	<2	--	--	--	--
06/20/95	E120791	--	4.4	<2	--	--	--	--
09/14/95	E127380	--	3.1	<2	--	--	--	--
12/18/95	E134966	--	1.7	<1	--	--	--	--
03/19/96	E139837	--	1.8	<1	--	--	--	--
06/13/96	E146841	--	1.5	<1	--	--	--	--
09/13/96	E154124	--	2	<1	--	--	--	--
12/12/96	E161523	--	1.7	<1	--	--	--	--
03/13/97	E166207	--	<1	<1	--	--	--	--
06/19/97	E172379	--	<1	<1	--	--	--	--
09/11/97	E177742	--	1.4	<1	--	--	--	--
12/16/97	E184901	--	1.4	<1	--	--	--	--
03/12/98	E190814	--	<1	<1	--	--	--	--
06/16/98	82953-3397	--	<1	<2	--	--	--	--
09/17/98	84367-8364	--	<1	<1	--	--	--	--
12/16/98	85755-2520	--	<1	<1	--	--	--	--
03/10/99	90995-6091	--	<1	<1	--	--	--	--
06/15/99	3990294012	--	1.3	<2	--	--	--	--
09/20/99	3991971006	--	1.7	<1	--	--	--	--
12/16/99	3993622012	--	1.1	<1	--	--	--	--

-- = Not analyzed/measured

DCE = Dichloroethene

General Motors
Grand Rapids Metal Fabrication Plant
Monitoring Well Data Summary/Analytical Data

SITE: 85-7 **ELEVATION:** top of casing - 678.69
REVISION: 1/7/2011 **DEPTH:** screen - 20.6 to 25.6
UNITS: ug/L

Date	Sample	PCE	TCE	1,2-DCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
03/16/00	3001152009	--	<1	<1	--	--	--	--
06/13/00	3002633009	--	<1	<1	--	--	--	--
09/22/00	E261225	--	1.2	<1	--	--	--	--
12/20/00	E268212	--	1.5	<1	--	--	--	--
03/21/01	E274380	--	<1	<1	--	--	--	--
06/13/01	E281016	--	<1	<1	--	--	--	--
09/13/01	E287756	--	SS<1	SS<1	--	--	--	--
12/19/01	E295708	--	1.1	<1	--	--	--	--
03/28/02	⁽¹⁾ -032802-TJ-007	--	<1	<1	--	--	--	--
06/26/02	⁽¹⁾ -062602-JB-023	--	<1	<1	--	--	--	--
*6/26/02	⁽¹⁾ -062602-JB-024	--	<1	<1	--	--	--	--
09/26/02	⁽¹⁾ -092602-JB-054	--	<1	<1	--	--	--	--
12/09/02	⁽¹⁾ -120902-JB-074	--	<1	<1	--	--	--	--
*12/9/2002	⁽¹⁾ -120902-JB-075	--	<1	<1	<1	--	--	<1
03/21/03	⁽¹⁾ -032103-JB-095	--	1.1	--	--	<1	<1	--
07/15/03	⁽¹⁾ -071503-SP-055	1.0 U	0.79	--	<1	<1	<1	<1
*7/15/2003	⁽¹⁾ -071503-SP-056	1.0 U	0.88	--	<1	<1	<1	<1
10/02/03	⁽¹⁾ -100203-JB-086	1.0 U	0.93	--	<1	<1	<1	<1
*10/02/03	⁽¹⁾ -100203-JB-087	1.0 U	0.90	--	<1	<1	<1	<1
12/17/03	⁽¹⁾ -121703-JB-100	1.0 U	0.81	--	<1	<1	<1	<1
03/16/04	⁽¹⁾ -031604-BW-143	1.0 U	0.72	--	<1	<1	<1	<1
10/05/04	⁽¹⁾ -100504-DCR-257	1.0 U	0.77	--	<1	<1	<1	<1
12/01/04	⁽¹⁾ -120104-DCR-301	1.0 U	0.81	--	<1	<1	<1	<1
04/06/05	⁽¹⁾ -040605-DCR-353	1.0 U	0.78 J	--	<1	<1	<1	<1
06/28/05	⁽¹⁾ -062805-DCR-382	1.0 U	0.70 J	--	1.0 U	1.0 U	1.0 U	1.0 U
12/06/05	⁽¹⁾ -120605-DCR-571	1.0 U	0.50 J	--	1.0 U	1.0 UJ	1.0 U	1.0 U
12/06/05	⁽¹⁾ -120605-DCR-572	1.0 U	0.54 J	--	1.0 U	1.0 UJ	1.0 U	1.0 U
09/12/06	⁽¹⁾ -091206-JY-032	1.0 UJ	0.48 J	--	1.0 U	1.0 U	1.0 U	1.0 U
05/09/07	⁽¹⁾ -050907-JY-076	1.0 U	0.35 J	1 U	1 U	1 U	1 U	1 U
10/16/07	⁽¹⁾ - 101607-DR-120	1.0 U	0.51 J	1 U	1 U	1 U	1 U	1 U
04/22/08	⁽¹⁾ - 042208-DR-161	1.0 U	0.58 J	1 U	1 U	1 U	1 U	1 U
10/07/08	⁽¹⁾ - 100708-DR-210	1 U	1	--	1 U	1 U	1 U	1 U
04/06/09	⁽¹⁾ - 040609-DR-240	1U	1.3	--	1U			
10/06/09	⁽¹⁾ - 100609-DR-281	1U	2.5	--	1U	2.7	0.38J	1U
10/12/10	⁽¹⁾ - 101210-BW-074	1U	2.8	--	1U	0.36J	1U	1U

DCE = Dichloroethene
 -- = Not analyzed/measured
 SS = Surrogate spike result had a percent recovery outside the upper control limit.
 This result must be considered estimated.
⁽¹⁾ Full sample number includes GW-17360
 * Duplicate

**General Motors
Grand Rapids Metal Fabrication Plant
Monitoring Well Data Summary/Analytical Data**

SITE: 86-2
REVISION: 1/7/2011
UNITS: ug/L

Date	Sample	TCE	1,2-DCE	1,1-DCE	Vinyl Chloride
05/05/86	E62228	55000	12	4	<10
01/23/87	E70823	90000	<200	<200	<1000
12/21/88	E11591	100000	<100	--	--

Note: Converted to purge well, see Aquazorb Carbon System Summary below for Influent results (03/15/89 to 06/30/92) and flow data.

SITE: 86-2
REVISION: 1/7/2011
UNITS: ug/L

Date	Sample	Influent TCE	Total Flow Gallons
03/15/89	A02041	5400	262
03/20/89	A02136	9540	28824
03/30/89	--	--	48610
04/06/89	A02678	3040	93544
04/14/89	--	--	147039
04/21/89	A03274	2110	194249
05/05/89	A03702	2210	276839
05/22/89	A04239	1700	392315
06/09/89	A04811	1370	517629
06/23/89	--	--	614267
07/10/89	A05856	305	730872
07/28/89	--	--	857772
08/11/89	A07209	400	957223
08/22/89	--	--	1034854
09/14/89	A08208	1270	2324518
10/02/89	--	--	1422045
10/12/89	A9897	1460	--
10/25/89	--	--	1515795
11/08/89	A1455	500	161907
12/05/89	--	--	1846287
12/15/89	A2721	340	--
01/05/90	A3240	530	2690842
02/09/90	A4264	780	2925077
03/07/90	A4994	1600	3096307
03/07/90	--	--	3096307
04/04/90	A6115	1100	3298682
05/03/90	A7185	900	3422570
06/04/90	A8773	700	3637224
07/05/90	A09823	1000	3637639
08/03/90	--	--	4276027
08/08/90	A01183	1300	4309227
09/11/90	A02894	1000	4334802
10/02/90	H3932	1300	4678358

-- = Not analyzed/measured DCE = Dichloroethene TCE = Trichloroethene

General Motors
Grand Rapids Metal Fabrication Plant
Monitoring Well Data Summary/Analytical Data

SITE: 86-2
REVISION: 1/7/2011
UNITS: ug/L

Date	Sample	Influent TCE	Total Flow Gallons
11/09/90	H5793	1000	4687251
12/03/90	H6984	740	4838633
12/07/90	--	--	4861635
01/14/91	A0571	70	5049924
03/05/91	A2696	890	5340851
03/26/91	--	--	5460294
06/06/91	A6491	930	5849972
09/03/91	A9014	1000	6322915
09/26/91	--	--	6521221
12/02/91	--	--	7357351
01/06/92	A0210	660	8067437
03/10/92	A04437	410	9034727
06/30/92	A00262	184	--

Note: In July, 1993, the Aquazorb Carbon System was removed and groundwater began to be discharged to the city sanitary sewer. In July, 1994, purge well 86-2 was connected to a carbon treatment system which discharges to the storm drain via a NPDES permit.

Date	Sample	PCE	TCE	1,2-DCE	cis-1,2-DCE	trans-1,2-DCE	Total Gallons Pumped #
07/17/92	E26666	--	600	--	--	--	--
08/13/92	E29155	--	500	--	--	--	427800
09/11/92	E31912	--	470	<1	--	--	362300
10/16/92	E35368	--	650	--	--	--	548500
11/12/92	E37805	--	360	--	--	--	480800
12/10/92	E40325	--	410	<5	--	--	379800
01/15/93	E43370	--	500	--	--	--	379800
02/12/93	E45487	--	420	--	--	--	409500
03/11/93	E47622	--	320	<10	--	--	593000
04/15/93	E50676	--	360	--	--	--	477600
05/13/93	E53156	--	300	--	--	--	575700
06/14/93	E57771	--	210	<10	--	--	532600
07/16/93	E60030	--	240	--	--	--	503000
08/11/93	E62711	--	200	--	--	--	616500
09/15/93	E66022	--	180	<10	--	--	478400
10/19/93	E69404	--	210	--	--	--	485300
11/17/93	E72554	--	180	--	--	--	569000
12/17/93	E75744	--	130	<5	--	--	458700
01/13/94	E77457	--	150	--	--	--	595000
03/16/94	E81235	--	120	<10	--	--	471900
04/13/94	E83746	--	95	--	--	--	586300
05/06/94	E86251	--	79	--	--	--	555600
06/14/94	E89387	--	70	<2	--	--	253600
08/10/94	--	--	--	--	--	--	594300

-- = Not analyzed/measured DCE = Dichloroethene TCE = Trichloroethene
= Date reflects sampling day; whereas total gallonage covers entire month.

General Motors
Grand Rapids Metal Fabrication Plant
Monitoring Well Data Summary/Analytical Data

SITE: 86-2
REVISION: 1/7/2011
UNITS: ug/L

Date	Sample	PCE	TCE	1,2-DCE	cis-1,2-DCE	trans-1,2-DCE	Total Gallons Pumped #
09/07/94	--	--	--	--	--	--	343500
09/15/94	E97618	--	68	<5	--	--	--
10/05/94	--	--	--	--	--	--	263200
11/09/94	--	--	--	--	--	--	510300
12/07/94	--	--	--	--	--	--	387700
12/16/94	E106395	--	27	<1	--	--	--
01/04/95	--	--	--	--	--	--	231200
02/08/95	--	--	--	--	--	--	518100
03/08/95	--	--	--	--	--	--	429500
03/17/95	E112955	--	17	<2	--	--	--
04/05/95	--	--	--	--	--	--	455100
05/03/95	--	--	--	--	--	--	407600
06/07/95	--	--	--	--	--	--	580100
06/20/95	E120800	--	13	<2	--	--	--
07/05/95	--	--	--	--	--	--	397900
08/03/95	--	--	--	--	--	--	482600
09/07/95	--	--	--	--	--	--	584800
09/14/95	E127379	--	6.6	<2	--	--	--
10/04/95	--	--	--	--	--	--	449400
11/01/95	--	--	--	--	--	--	461500
12/06/95	--	--	--	--	--	--	555800
12/19/95	E134974	--	7.3	<1	--	--	--
01/03/96	--	--	--	--	--	--	452600
02/07/96	--	--	--	--	--	--	480600
03/06/96	--	--	--	--	--	--	356500
03/19/96	E139842	--	8.5	<1	--	--	--
04/03/96	--	--	--	--	--	--	368500
05/01/96	--	--	--	--	--	--	396900
06/05/96	--	--	--	--	--	--	443300
06/13/96	E146839	--	9.3	<1	--	--	--
06/26/96	--	--	--	--	--	--	399300
07/31/96	--	--	--	--	--	--	504900
09/04/96	--	--	--	--	--	--	486900
09/13/96	E154122	--	8.1	<1	--	--	--
10/02/96	--	--	--	--	--	--	386500
10/30/96	--	--	--	--	--	--	396800
12/04/96	--	--	--	--	--	--	357100
12/12/96	E161520	--	8.4	<1	--	--	--
12/31/96	--	--	--	--	--	--	268800
01/29/97	--	--	--	--	--	--	357900
02/26/97	--	--	--	--	--	--	332400
03/13/97	E166216	--	5.2	<1	--	--	--
03/26/97	--	--	--	--	--	--	317200
04/30/97	--	--	--	--	--	--	326200
05/28/97	--	--	--	--	--	--	280200

-- = Not analyzed/measured DCE = Dichloroethene TCE = Trichloroethene
= Date reflects sampling day; whereas total gallonage covers entire month.

General Motors
Grand Rapids Metal Fabrication Plant
Monitoring Well Data Summary/Analytical Data

SITE: 86-2
REVISION: 1/7/2011
UNITS: ug/L

Date	Sample	PCE	TCE	1,2-DCE	cis-1,2-DCE	trans-1,2-DCE	Total Gallons Pumped #
06/19/97	E172377	--	6	<1	--	--	--
07/02/97	--	--	--	--	--	--	360300
08/06/97	--	--	--	--	--	--	372000
09/04/97	--	--	--	--	--	--	295900
09/11/97	E177739	--	5.6	<1	--	--	--
10/01/97	--	--	--	--	--	--	227100
11/05/97	--	--	--	--	--	--	167900
12/03/97	--	--	--	--	--	--	171200
12/16/97	E184899	--	5.2	<1	--	--	--
12/31/97	--	--	--	--	--	--	176000
01/28/98	--	--	--	--	--	--	108080
02/25/98	--	--	--	--	--	--	149600
03/12/98	E190827	--	3.4	<1	--	--	--
03/26/98	--	--	--	--	--	--	148500
04/29/98	--	--	--	--	--	--	139400
05/27/98	--	--	--	--	--	--	143750
06/16/98	82953-3395	--	5	<2	--	--	--
07/01/98	--	--	--	--	--	--	277150
07/29/98	--	--	--	--	--	--	181300
09/02/98	--	--	--	--	--	--	316800
09/17/98	84367-8358	--	4	<1	--	--	--
09/30/98	--	--	--	--	--	--	213000
10/28/98	--	--	--	--	--	--	211800
12/02/98	--	--	--	--	--	--	224900
12/16/98	85755-2516	--	5	<1	--	--	--
12/31/98	--	--	--	--	--	--	206100
01/27/99	--	--	--	--	--	--	105900
02/24/99	--	--	--	--	--	--	0
03/18/99	91113-6522	--	5	<1	--	--	--
03/24/99	--	--	--	--	--	--	138600
04/29/99	--	--	--	--	--	--	586700
06/01/99	--	--	--	--	--	--	547000
06/15/99	3990294008	--	8.1	<2	--	--	--
06/30/99	--	--	--	--	--	--	590800
07/28/99	--	--	--	--	--	--	568700
09/01/99	--	--	--	--	--	--	703400
09/20/99	3991971004	--	9.8	<1	--	--	--
09/29/99	--	--	--	--	--	--	569700
11/03/99	--	--	--	--	--	--	692800
12/01/99	--	--	--	--	--	--	482200
12/16/99	3993622008	--	7.4	<1	--	--	692800
12/29/99	--	--	--	--	--	--	300500
02/02/00	--	--	--	--	--	--	568500
03/01/00	--	--	--	--	--	--	563600
03/16/00	3001152004	--	7.8	<1	--	--	--
03/29/00	--	--	--	--	--	--	546900

-- = Not analyzed/measured DCE = Dichloroethene TCE = Trichloroethene
= Date reflects sampling day; whereas total gallonage covers entire month.

General Motors
Grand Rapids Metal Fabrication Plant
Monitoring Well Data Summary/Analytical Data

SITE: 86-2
REVISION: 1/7/2011
UNITS: ug/L

Date	Sample	PCE	TCE	1,2-DCE	cis-1,2-DCE	trans-1,2-DCE	Total Gallons Pumped #
04/25/00	--	--	--	--	--	--	535800
05/31/00	--	--	--	--	--	--	699000
06/13/00	3002633007	--	6	<1	--	--	--
06/28/00	--	--	--	--	--	--	562100
07/26/00	--	--	--	--	--	--	571400
08/30/00	--	--	--	--	--	--	695600
09/22/00	E261218	--	8.4	<1	--	--	--
11/01/00	--	--	--	--	--	--	261900
11/29/00	--	--	--	--	--	--	19300
12/20/00	E268210	--	10	<1	--	--	--
01/03/01	--	--	--	--	--	--	433400
02/26/01	--	--	--	--	--	--	400300
03/21/01	E274374	--	7.4	<1	--	--	--
03/28/01	--	--	--	--	--	--	457100
04/24/01	--	--	--	--	--	--	421200
05/30/01	--	--	--	--	--	--	206700
06/13/01	E281014	--	6.6	<1	--	--	--
06/25/01	--	--	--	--	--	--	327930
07/16/01	--	--	--	--	--	--	517670
08/22/01	--	--	--	--	--	--	417700
09/13/01	E287754	--	6.6	<1	--	--	410900
10/09/01	--	--	--	--	--	--	212300
11/13/01	--	--	--	--	--	--	394600
12/19/01	E295715	--	3.4	<1	--	--	388100
03/28/02	^U -032802-TJ-004	--	5.5	<1	--	--	--
06/27/02	^U -062702-JB-041	--	3.1	<1	--	--	--
09/26/02	^U -092602-JB-050	--	3.8	<1	--	--	--
12/09/02	^U -120902-JB-069	--	4.1	<1	--	--	--
03/21/03	^U -032103-JB-094	--	3.9	--	<1	<1	--
07/15/03	^U -071503-SP-063	1.0 U	3.3	--	<1	<1	--
10/07/03	^U -100703-JB-095	1.0 U	3.8	--	<1	<1	--
12/17/03	^U -121703-JB-094	1.0 U	4.7	--	0.36	<1	--
03/16/04	^U -031604-BW-142	1.0 U	3.1	--	<1	<1	--
10/06/04	^U -100604-DCR-272	1.0 U	4.1	--	<1	<1	--
12/02/04	^U -120204-DCR-314	1.0 U	4.2	--	<1	<1	--
06/29/05	^U -062905-DCR-402	1.0 U	10	--	1.0 U	1.0 U	--
12/05/05	^U -091306-DR-047	1.0 UJ	2.7	--	1.0 U	1.0 U	--
09/13/06	^U -120505-DCR-568	1.0 UJ	2.8	--	1.0 U	1.0 U	--
05/10/07	⁽¹⁾ -051007-JY-091	1.0 UJ	4.4	1.0 U	0.28 J	1.0 U	--
10/17/07	⁽¹⁾ -101707-DR-133	1.0 U	4.5	1.0 U	0.37 J	1.0 U	--
04/22/08	⁽¹⁾ -042208-DR-168	1.0 U	4.8	1.0 U	1.0 U	1.0 U	--
10/07/08	⁽¹⁾ -100708-DR-215	1.0 U	5.8	--	1.0 U	1.0 U	--
04/08/09	^U -040809-DR-264	1.0 U	6.4	--	1.0 U	1.0 U	--
10/07/09	^U -100709-DR-298	1U	1U	--	1.0 U	1.0 U	--
10/12/10	^U -101210-BW-077	1U	6.5	--	1.0 U	1.0 U	--

-- = Not analyzed/measured

DCE = Dichloroethene

= Date reflects sampling day; whereas total gallonage covers entire month.

⁽¹⁾ Full sample number includes GW-17360

**General Motors
Grand Rapids Metal Fabrication Plant
Monitoring Well Data Summary Analytical Data**

SITE: 86-3 **ELEVATION:** top of casing - 676.51
REVISION: 1/7/2011 **DEPTH:** screen - 41.5 to 46.5
UNITS: ug/L

Date	Sample	PCE	TCE	1,2-DCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
05/05/86	E62229	10 U	1400	10	<10	--	--	<50
01/21/87	E70824	2 U	340	4	<2	--	--	<10
06/08/88	E91243	2 U	170	10	<2	--	--	<10
12/21/88	E11592	--	630	<20	--	--	--	--
03/16/89	E15518	--	380	<10	--	--	--	--
06/15/89	E21116	--	150	<1	--	--	--	--
09/20/89	E25595	--	130	7	--	--	--	--
12/21/89	E30997	--	430	15	<10	--	--	<10
03/16/90	E35817	--	440	<10	--	--	--	--
06/18/90	E42011	--	240	<10	--	--	--	--
09/14/90	E48215	--	210	4	--	--	--	--
12/17/90	E54822	--	150	4	<4	--	--	<20
03/11/91	E59923	--	94	<2	--	--	--	--
06/13/91	E67555	--	56	2	--	--	--	--
09/13/91	E72977	--	58	11	--	--	--	--
12/13/91	E07651	--	73	13	<2	--	--	<2
03/13/92	E15388	--	99	19	--	--	--	--
06/12/92	E23261	--	140	8.6	--	--	--	--
09/11/92	E31916	--	88	6.4	--	--	--	--
12/10/92	E40332	--	110	3	<1	--	--	<1
03/11/93	E47625	--	72	<2	--	--	--	--
06/15/93	E56583	--	70	3	--	--	--	--
09/15/93	E66047	--	**	**	--	--	--	--
10/19/93	E69399	--	40	1.8	--	--	--	--
12/17/93	E75751	--	46	9.1	<2	--	--	<2
03/16/94	E81241	--	57	3.4	--	--	--	--
06/14/94	E89393	--	53	2.1	--	--	--	--
09/14/94	E97440	--	44	1.0	--	--	--	--
12/16/94	E106407	--	32	<1	<1	--	--	<1
03/17/95	E112959	--	27	2.4	--	--	--	--
06/20/95	E120795	--	31	<2	--	--	--	--
09/14/95	E127390	--	24	<2	--	--	--	--
12/18/95	E134976	--	16	<1	<1	--	--	<1
03/19/96	E139846	--	10	<1	--	--	--	--
06/13/96	E146843	--	15	<1	--	--	--	--
09/13/96	E154127	--	21	<1	--	--	--	--
12/13/96	E161534	--	10	<1	<1	--	--	<1
03/13/97	E166219	--	11	<1	--	--	--	--
06/19/97	E172385	--	16	<1	--	--	--	--
09/11/97	E177752	--	14	<1	--	--	--	--
12/16/97	E184905	--	11	1.2	<1	--	--	<1
03/12/98	E190817	--	5.2	<1	--	--	--	--
06/16/98	82953-3400	--	9	<2	--	--	--	--
09/17/98	84367-8370	--	4	<1	--	--	--	--
12/16/98	85755-2525	--	4	<1	<1	--	--	<1
03/10/99	90995-6095	--	4	<1	--	--	--	--
06/15/99	3990294016	--	4.6	<2	--	--	--	--
09/20/99	3991971012	--	4.8	<1	--	--	--	--
12/16/99	3993622010	--	3	<1	<1	--	--	<1

-- = Not analyzed/measured DCE = Dichloroethene
 ** = Suspected that samples were labeled incorrectly in the field. Resampled 10/19/93.

**General Motors
Grand Rapids Metal Fabrication Plant
Monitoring Well Data Summary Analytical Data**

SITE: 86-3 **ELEVATION:** top of casing - 676.51
REVISION: 1/7/2011 **DEPTH:** screen - 41.5 to 46.5
UNITS: ug/L

Date	Sample	PCE	TCE	1,2-DCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
03/16/00	3001152013	--	2.4	<1	--	--	--	--
06/13/00	3002633014	--	1.7	<1	--	--	--	--
09/22/00	E261233	--	3.4	<1	--	--	--	--
12/20/00	E268215	--	3.9	<1	<1	--	--	<1
03/21/01	E274391	--	3.9	<1	--	--	--	--
06/14/01	E281021	--	5.2	<1	--	--	--	--
09/13/01	E287759	--	5.7	<1	--	--	--	--
12/19/01	E295712	--	5.3	<1	<1	--	--	<1
03/28/02	⁽¹⁾ -032802-TJ-013	--	8.7	1.8	--	--	--	--
06/26/02	⁽¹⁾ -062602-JB-026	--	1.2	<1	--	--	--	--
09/27/02	⁽¹⁾ -092702-JB-059	--	1.9	<1	--	--	--	--
01/06/03	⁽¹⁾ -010603-JB-088	--	5.2	<1	<1	--	--	<1
03/21/03	⁽¹⁾ -032103-JB-097	--	4.7	--	--	<1	<1	--
07/14/03	⁽¹⁾ -071403-SP-053	1.0 U	4.3	--	<1	<1	<1	<1
09/30/03	⁽¹⁾ -093003-JB-073	1.0 U	2.2	--	<1	<1	<1	<1
12/18/03	⁽¹⁾ -121803-JB-104	1.0 U	2.1	--	<1	<1	<1	<1
03/15/04	⁽¹⁾ -031504-BW-132	1.0 U	1.4	--	<1	<1	<1	<1
10/05/04	⁽¹⁾ -100504-DCR-253	1.0 U	2.0	--	<1	<1	<1	<1
12/01/04	⁽¹⁾ -120104-DCR-298	1.0 U	1.0	--	<1	<1	<1	<1
04/05/05	⁽¹⁾ -040505-DCR-341	1.0 U	0.89 J	--	<1	<1	<1	<1
06/28/05	⁽¹⁾ -062805-DCR-378	1.0 U	1.1	--	1.0 U	1.0 U	1.0 U	1.0 U
12/03/05	⁽¹⁾ -120305-DCR-554	1.0 U	0.68 J	--	1.0 U	1.0 U	1.0 UJ	1.0 U
09/12/06	⁽¹⁾ -091206-JY-028	1.0 UJ	1.8	--	1.0 U	1.0 U	1.0 U	1.0 U
05/09/07	⁽¹⁾ -050907-JY-074	1.0 U	4.6	1.0 U	1.0 U	0.72 J	0.25 J	1.0 U
10/16/07	⁽¹⁾ -101607-DR-115	1.0 U	5.4	1.0 U	0.23 J	1.1	0.35 J	1.0 U
04/23/08	⁽¹⁾ -042308-DR-182	1.0 U	3.6	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
10/07/08	⁽¹⁾ -100708-DR-206	1.0 U	3.9	--	1.0 U	0.76 J	0.2 J	1.0 U
04/07/09	⁽¹⁾ -040709-DR-255	1.0 U	4.5	--	1.0 U	2.5	0.38 J	0.25 J
10/06/09	⁽¹⁾ -100609-DR-286	1.0U	4.3	--	1.0U	0.68J	1.0U	1.0U
10/12/10	⁽¹⁾ -101210-BW-071	1.0U	6.1	--	1.0U	1.6	0.42J	1.0U

-- = Not analyzed/measured DCE = Dichloroethene
 ** = Suspected that samples were labeled incorrectly in the field. Resampled 10/19/93.
⁽¹⁾ Full sample number includes GW-17360

General Motors
Grand Rapids Metal Fabrication Plant
Monitoring Well Data Summary/Analytical Data

SITE: 87-1 **ELEVATION:** top of casing - 681.15
REVISION: 1/7/2011 **DEPTH:** screen - 24.0 to 29.0
UNITS: ug/L **8.5 to 19.5**

Date	Sample	PCE	TCE	1,2-DCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
01/23/87	E70825	10 U	1200	16	<10	--	--	<50
12/21/88	E11593	--	540	8	--	--	--	--
03/16/89	E15519	--	380	14	--	--	--	--
06/16/89	E21117	--	140	15	--	--	--	--
09/20/89	E25596	--	180	15	--	--	--	--
12/21/89	E30990	--	170	22	--	--	--	--
03/16/90	E35818	--	230	66	--	--	--	--
06/18/90	E42012	--	370	60	--	--	--	--
09/14/90	E48216	--	300	58	--	--	--	--
12/18/90	E54815	--	260	47	--	--	--	--
03/11/91	E59925	--	200	<10	--	--	--	--
06/13/91	E67553	--	180	43	--	--	--	--
09/12/91	E72978	--	170	55	--	--	--	--
12/13/91	E07644	--	180	40	--	--	--	--
03/13/92	E15381	--	230	50	--	--	--	--
06/12/92	E23255	--	200	37	--	--	--	--
09/11/92	E31911	--	190	36	--	--	--	--
12/10/92	E40323	--	200	21	--	--	--	--
03/11/93	E47621	--	140	20	--	--	--	--
06/14/93	E56588	--	130	22	--	--	--	--
09/15/93	E66023	--	170	24	--	--	--	--
12/17/93	E75742	--	140	23	--	--	--	--
03/16/94	E81234	--	200	23	--	--	--	--
06/14/94	E89386	--	200	25	--	--	--	--
09/14/94	E97443	--	190	15	--	--	--	--
12/16/94	E106394	--	170	22	--	--	--	--
03/17/95	E112954	--	180	21	--	--	--	--
06/20/95	E120786	--	230	<20	--	--	--	--
09/14/95	E127382	--	170	17	--	--	--	--
12/19/95	E134972	--	170	17	--	--	--	--
03/19/96	E139838	--	180	19	--	--	--	--
06/13/96	E146838	--	170	23	--	--	--	--
09/13/96	E154120	--	170	27	--	--	--	--
12/12/96	E161522	--	150	36	--	--	--	--
03/13/97	E166218	--	170	52	--	--	--	--
06/19/97	E172376	--	170	50	--	--	--	--
09/11/97	E177736	--	180	55	--	--	--	--
12/16/97	E184898	--	170	55	--	--	--	--
03/12/98	E190812	--	200	46	--	--	--	--
06/16/98	82953-3391	--	29	<2	--	--	--	--
09/17/98	84367-8353	--	D42	1	--	--	--	--
12/16/98	85755-2515	--	D56	D<5	--	--	--	--
03/10/99	90995-6089	--	D75	D<5	--	--	--	--
06/15/99	3990294006	--	D68	D<10	--	--	--	--
09/20/99	3991971003	--	D72	D15	--	--	--	--
12/16/99	3993622014	--	72	D17	--	--	--	--

-- = Not analyzed **DCE = Dichloroethene**
D = Compound identified in an analysis at a secondary dilution factor.

**General Motors
Grand Rapids Metal Fabrication Plant
Monitoring Well Data Summary/Analytical Data**

SITE: 87-1 **ELEVATION:** top of casing - 681.15
REVISION: 1/7/2011 **DEPTH:** screen - 24.0 to 29.0
UNITS: ug/L **8.5 to 19.5**

Date	Sample	PCE	TCE	1,2-DCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
03/16/00	3001152005	--	D79	D27	--	--	--	--
06/13/00	3002633006	--	D60	D31	--	--	--	--
09/22/00	E261217	--	78	43	--	--	--	--
12/20/00	E268205	--	100	58	--	--	--	--
03/21/01	E274378	--	120	65	--	--	--	--
06/13/01	E281013	--	140	52	--	--	--	--
09/13/01	E287753	--	140	41	--	--	--	--
12/19/01	E295706	--	110	78	--	--	--	--
03/28/02	⁽¹⁾ -032802-TJ-006	--	120	73.9	--	--	--	--
06/27/02	⁽¹⁾ -062702-JB-040	--	110	95.5	--	--	--	--
09/26/02	⁽¹⁾ -092602-JB-051	--	82	85.7	--	--	--	--
*9/26/02	⁽¹⁾ -092602-JB-052	--	78	85.7	--	--	--	--
12/09/02	⁽¹⁾ -120902-JB-068	--	93	69.9	--	--	--	--
03/21/03	⁽¹⁾ -032103-JB-091	--	40	--	--	57	3.2	--
07/15/03	⁽¹⁾ -071503-SP-061	2.5 U	55	--	2.4	50	3.3	7.2
10/02/03	⁽¹⁾ -100203-JB-083	3.3 U	1.9	--	3.4	100	8.3	5.1
12/17/03	⁽¹⁾ -121703-JB-093	2.5 U	76	--	3.0	40	6.7	5.2
03/16/04	⁽¹⁾ -031604-BW-139	2.0 U	30	--	2.2	52	5.3	7.9
10/06/04	⁽¹⁾ -100604-DCR-269	2.0 U	27	--	2.7	56	6.8	12
12/02/04	⁽¹⁾ -120204-DCR-310	1.4 U	39	--	2.1	39	5.7	5.5
04/06/05	⁽¹⁾ -040605-DCR-359	1.4 U	47	--	2.5	<1	7.3	9.0
06/29/05	⁽¹⁾ -062905-DCR-403	1.7 U	28	--	1.9	49	7.3	12 J
12/05/05	⁽¹⁾ -120505-DCR-565	1.0 UJ	37	--	2.1	37 J	7.8	14
09/13/06	⁽¹⁾ -091306-DR-045	1.0 UJ	30	--	1.2	30	3.8	13
05/10/07	⁽¹⁾ -051007-JY-093	1.0 UJ	15	1.0 U	1.0 U	16	0.66 J	16
10/17/07	⁽¹⁾ -101707-DR-136	1.0 UJ	1.2	1.0 U	1.5	19	1.2	17
04/22/08	⁽¹⁾ -042208-DR-169	1.0 UJ	1.4	1.0 U	1.1	30	7	15
10/07/08	⁽¹⁾ -100708-DR-219	1.0 U	17	--	0.78 J	21	3.8	15
04/08/09	⁽¹⁾ -040809-DR-266	1.0 U	12	--	0.5 J	15	2.4	16
* 04/08/09	⁽¹⁾ -040809-DR-267	1.0 U	12	--	0.55 J	15	2.5	17
10/07/09	⁽¹⁾ -100709-DR-2301	1.0U	21	--	0.92J	19	3.4	10
10/12/10	⁽¹⁾ -101210-BW-081	1.0U	16	--	0.55J	16	2.5	6.3

-- = Not analyzed DCE = Dichloroethene
D = Compound identified in an analysis at a secondary dilution factor.

⁽¹⁾ Full sample number includes GW-17360
* Duplicate

**General Motors
Grand Rapids Metal Fabrication Plant
Monitoring Well Data Summary/Analytical Data**

SITE: 87-2 **ELEVATION:** top of casing - 681.16
REVISION: 1/7/2011 **DEPTH:** screen - 33.2 to 38.2
UNITS: ug/L 7.5 to 18.5

Date	Sample	PCE	TCE	1,2-DCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
01/23/87	E70826	2.0 U	65	12	<2	--	--	<10
12/21/88	E11594	--	72	15	--	--	--	--
03/16/89	E15520	--	50	16	--	--	--	--
06/15/89	E21118	--	51	15	--	--	--	--
09/20/89	E25597	--	57	15	--	--	--	--
12/21/89	E30991	--	37	10	--	--	--	--
03/16/90	E35819	--	63	17	--	--	--	--
06/18/90	E42013	--	65	17	--	--	--	--
09/14/90	E48217	--	71	18	--	--	--	--
12/17/90	E54816	--	49	13	--	--	--	--
03/11/91	E59926	--	45	1	--	--	--	--
06/13/91	E67554	--	44	11	--	--	--	--
09/12/91	E72979	--	42	13	--	--	--	--
12/13/91	E07645	--	37	6	--	--	--	--
03/13/92	E15382	--	39	10	--	--	--	--
06/12/92	E23257	--	35	6.7	--	--	--	--
09/11/92	E31909	--	33	19	--	--	--	--
12/10/92	E40321	--	36	6	--	--	--	--
03/11/93	E47620	--	37	8.7	--	--	--	--
06/14/93	E56585	--	39	14	--	--	--	--
09/15/93	E66020	--	57	19	--	--	--	--
12/17/93	E75740	--	42	11	--	--	--	--
03/16/94	E81237	--	45	15	--	--	--	--
06/14/94	E89388	--	50	16	--	--	--	--
09/14/94	E97444	--	37	12	--	--	--	--
12/16/94	E106396	--	46	15	--	--	--	--
03/17/95	E112952	--	54	19	--	--	--	--
06/20/95	E120789	--	36	16	--	--	--	--
09/14/95	E127394	--	41	21.7	--	--	--	--
12/19/95	E134971	--	39	22	--	--	--	--
03/19/96	E139840	--	46	27	--	--	--	--
06/13/96	E146836	--	52	29	--	--	--	--
09/13/96	E154121	--	52	30	--	--	--	--
12/12/96	E161519	--	48	30	--	--	--	--
03/13/97	E166214	--	45	27	--	--	--	--
06/19/97	E172374	--	55	31	--	--	--	--
09/11/97	E177737	--	52	27	--	--	--	--
12/16/97	E184897	--	51	27	--	--	--	--
03/12/98	E190811	--	61	31	--	--	--	--
06/16/98	82953-3390	--	30	12	--	--	--	--
09/17/98	84367-8354	--	D41	D10	--	--	--	--
12/16/98	85755-2513	--	D44	D12	--	--	--	--
03/10/99	90995-6087	--	D49	D11	--	--	--	--
06/15/99	3990294002	--	D57	D13	--	--	--	--
09/20/99	3991971002	--	D64	D13	--	--	--	--
12/16/99	3993622003	--	51	D15	--	--	--	--

-- = Not analyzed DCE = Dichloroethene
D = Compound identified in an analysis at a secondary dilution factor.

General Motors
Grand Rapids Metal Fabrication Plant
Monitoring Well Data Summary/Analytical Data

SITE: 87-2
REVISION: 1/7/2011
UNITS: ug/L

ELEVATION: top of casing - 681.16
DEPTH: screen - 33.2 to 38.2
 7.5 to 18.5

Date	Sample	PCE	TCE	1,2-DCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
03/16/00	3001152002	--	D53	D12	--	--	--	--
06/13/00	3002633002	--	D42	D16	--	--	--	--
09/22/00	E261219	--	49	19	--	--	--	--
12/20/00	E268206	--	56	22	--	--	--	--
03/21/01	E274373	--	46	18	--	--	--	--
06/13/01	E281012	--	42	17	--	--	--	--
09/13/01	E287752	--	SS 48	SS 12	--	--	--	--
12/19/01	E295705	--	38	16	--	--	--	--
03/28/02	⁽¹⁾ -032802-TJ-002	--	42	28.7	--	--	--	--
*3/28/2002	⁽¹⁾ -032802-TJ-003	--	41	28.6	--	--	--	--
06/27/02	⁽¹⁾ -062702-JB-039	--	15	39.1	--	--	--	--
*6/27/02	⁽¹⁾ -062702-JB-038	--	14	40.1	--	--	--	--
09/26/02	⁽¹⁾ -092602-JB-053	--	43	21.2	--	--	--	--
12/09/02	⁽¹⁾ -120902-JB-070	--	41	28.2	--	--	--	--
03/21/03	⁽¹⁾ -032103-JB-092	--	35	--	--	23	3.5	--
07/15/03	⁽¹⁾ -071503-SP-062	1.0 U	26	--	<1	23	2.4	<1
10/02/03	⁽¹⁾ -100203-JB-085	1.4 U	8.5	--	<1.4	41	2.6	<1.4
12/17/03	⁽¹⁾ -121703-JB-095	1.0 U	35	--	<1.0	23	3.1	<1.0
*12/17/03	⁽¹⁾ -121703-JB-097	1.0 U	33	--	<1.0	23	2.9	<1.0
03/16/04	⁽¹⁾ -031604-BW-141	1.0 U	25	--	<1.0	21	2.7	<1.0
10/06/04	⁽¹⁾ -100604-DCR-273	1.4 U	7.7	--	<1.0	33	2.3	1.9
12/02/04	⁽¹⁾ -120204-DCR-313	1.0 U	24	--	<1.0	21	2.4	1.2
04/06/05	⁽¹⁾ -040605-DCR-363	1.0 U	29	--	<1.0	22	2.8	2.6
06/29/05	⁽¹⁾ -062905-DCR-404	1.0 U	2.3	--	1.0 U	33	2.7	9.7 J
12/05/05	⁽¹⁾ -120505-DCR-569	1.0 UJ	13	--	1.0 U	24	2.7	7.6
09/13/06	⁽¹⁾ -091306-DR-048	1.0 UJ	20	--	1.0 U	21	3.6	7.8
05/10/07	⁽¹⁾ -051007-JY-092	1.0 UJ	22	1.0 U	1.0 U	20	3.7	7.9
10/17/07	⁽¹⁾ -101707-DR-135	1.0 U	5.7	1.0 U	1.0 U	19	3.1	19
04/22/08	⁽¹⁾ -042208-DR-170	1.0 U	13	1.0 U	1.0 U	17	3.7	14
10/07/08	⁽¹⁾ -100708-DR-214	1.0 U	12	--	1.0 U	20	3.9	14
04/08/09	⁽¹⁾ -040809-DR-265	1.0 U	14	--	1.0 U	17	3.8	12
10/07/09	⁽¹⁾ -100709-DR-300	1.0 U	11	--	1.0 U	16	3.3	15
10/12/10	⁽¹⁾ -101210-BW-078	1.0 U	12	--	1.0 U	15	2.6	7.2
*10/12/2010	⁽¹⁾ -101210-BW-079	1.0 U	11	--	1.0 U	14	2.4	8.8

-- = Not analyzed

DCE = Dichloroethene

D = Compound identified in an analysis at a secondary dilution factor.

SS = Surrogate spike result had a percent recovery outside the upper control limit.

This result must be considered estimated.

⁽¹⁾ Full sample number includes GW-17360

* Duplicate

General Motors
Grand Rapids Metal Fabrication Plant
Monitoring Well Data Summary/Analytical Data

SITE: 87-4 **ELEVATION:** top of casing - 681.11
REVISION: 1/7/2011 **DEPTH:** screen - 8.5 to 19.5
UNITS: ug/L **24.0 to 27.0**

Date	Sample	PCE	TCE	1,2-DCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
01/23/87	E70827	2.0 U	87	<2	<2	--	--	<10
12/21/88	E11595	--	42	<2	--	--	--	--
03/17/89	E15521	--	32	<1	--	--	--	--
06/15/89	E21119	--	20	<1	--	--	--	--
09/20/89	E25598	--	21	<1	--	--	--	--
12/21/89	E30992	--	19	<1	--	--	--	--
03/16/90	E35820	--	18	<1	--	--	--	--
06/18/90	E42014	--	17	<1	--	--	--	--
09/14/90	E48218	--	9	<1	--	--	--	--
12/17/90	E54817	--	4	<2	--	--	--	--
03/11/91	E59927	--	3	<1	--	--	--	--
06/13/91	E67556	--	2	<1	--	--	--	--
09/12/91	E72980	--	2	<1	--	--	--	--
12/13/91	E07646	--	1	<1	--	--	--	--
03/13/92	E15384	--	2	<1	--	--	--	--
06/12/92	E23258	--	1.1	<1	--	--	--	--
09/11/92	E31910	--	1	7.7	--	--	--	--
12/10/92	E40322	--	<1	<1	--	--	--	--
03/11/93	E47619	--	<1	<1	--	--	--	--
06/14/93	E56586	--	1.1	<1	--	--	--	--
09/15/93	E66021	--	<1	<1	--	--	--	--
12/17/93	E75741	--	<1	<1	--	--	--	--
03/16/94	E81238	--	<1	<1	--	--	--	--
06/14/94	E89389	--	<1	<1	--	--	--	--
09/14/94	E97445	--	<1	<1	--	--	--	--
12/16/94	E106397	--	<1	<1	--	--	--	--
03/17/95	E112953	--	<1	<2	--	--	--	--
06/20/95	E120790	--	<1	<2	--	--	--	--
09/14/95	E127378	--	<1	<2	--	--	--	--
12/19/95	E134970	--	<1	<1	--	--	--	--
03/19/96	E139841	--	<1	<1	--	--	--	--
06/13/96	E146835	--	<1	<1	--	--	--	--
09/13/96	E154119	--	1.2	<1	--	--	--	--
12/12/96	E161518	--	<1	<1	--	--	--	--
03/13/97	E166213	--	<1	<1	--	--	--	--
06/19/97	E172373	--	<1	<1	--	--	--	--
09/11/97	E177738	--	1	<1	--	--	--	--
12/16/97	E184896	--	<1	<1	--	--	--	--
03/12/98	E190810	--	<1	<1	--	--	--	--
06/16/98	82953-3389	--	<1	<2	--	--	--	--
09/17/98	84367-8360	--	<1	<1	--	--	--	--
12/16/98	85755-2512	--	<1	<1	--	--	--	--
03/10/99	90995-6088	--	<1	<1	--	--	--	--
06/15/99	3990294001	--	<1	<2	--	--	--	--
09/20/99	3991971001	--	1.1	<1	--	--	--	--
12/16/99	3993622002	--	<1	<1	--	--	--	--

-- = Not analyzed

DCE = Dichloroethene

General Motors
Grand Rapids Metal Fabrication Plant
Monitoring Well Data Summary/Analytical Data

SITE: 87-4 **ELEVATION:** top of casing - 681.11
REVISION: 1/7/2011 **DEPTH:** screen - 8.5 to 19.5
UNITS: ug/L **24.0 to 27.0**

Date	Sample	PCE	TCE	1,2-DCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
03/16/00	3001152001	--	<1	<1	--	--	--	--
06/13/00	3002633001	--	<1	<1	--	--	--	--
09/22/00	E261220	--	<1	<1	--	--	--	--
12/20/00	E268204	--	<1	<1	--	--	--	--
03/21/01	E274372	--	<1	<1	--	--	--	--
06/13/01	E281011	--	<1	<1	--	--	--	--
09/13/01	E287751	--	SS<1	SS<1	--	--	--	--
12/19/01	E295704	--	SS<1	SS<1	--	--	--	--
03/28/02	⁽¹⁾ -032802-TJ-001	--	<1	<1	--	--	--	--
06/27/02	⁽¹⁾ -062702-JB-036	--	<1	<1	--	--	--	--
09/26/02	⁽¹⁾ -092602-JB-049	--	<1	<1	--	--	--	--
12/09/02	⁽¹⁾ -120902-JB-066	--	<1	<1	--	--	--	--
03/21/03	⁽¹⁾ -032103-JB-090	--	<1	--	--	<1	<1	--
07/15/03	⁽¹⁾ -071503-SP-059	1.0 U	<1	--	<1	<1	<1	<1
10/07/03	⁽¹⁾ -100703-JB-094	1.0 U	3.7	--	<1	<1	<1	<1
12/17/03	⁽¹⁾ -121703-JB-091	1.0 U	0.41	--	<1	<1	<1	<1
03/16/04	⁽¹⁾ -031604-BW-137	1.0 U	<1	--	<1	<1	<1	<1
*03/16/04	⁽¹⁾ -031604-BW-138	1.0 U	<1	--	<1	<1	<1	<1
10/06/04	⁽¹⁾ -100604-DCR-270	1.0 U	0.41	--	<1	<1	<1	<1
12/02/04	⁽¹⁾ -120204-DCR-307	1.0 U	0.35	--	<1	<1	<1	<1
04/06/05	⁽¹⁾ -040605-DCR-358	1.0 U	0.68 J	--	<1	<1	<1	<1
06/29/05	⁽¹⁾ -062905-DCR-401	1.0 U	1.1	--	1.0 U	1.0 U	1.0 U	1.0 UJ
12/05/05	⁽¹⁾ -120505-DCR-566	1.0 UJ	2.4	--	1.0 U	1.0 U	1.0 U	1.0 U
09/13/06	⁽¹⁾ -091306-DR-046	1.0 UJ	5.6	--	1.0 U	1.0 U	1.0 U	1.0 U
05/10/07	⁽¹⁾ -051007-JY-089	1.0 UJ	5.5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
10/17/07	⁽¹⁾ -101707-DR-134	1.0 U	7.2	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
04/22/08	⁽¹⁾ -042208-DR-165	1.0 U	4.8	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
10/07/08	⁽¹⁾ -100708-DR-213	1.0 U	4.9	--	1.0 U	1.0 U	1.0 U	1.0 U
04/08/09	⁽¹⁾ -040809-DR-262	1.0 U	5.8	--	1.0 U	1.0 U	1.0 U	1.0 U
10/07/09	⁽¹⁾ -100709-DR-299	1.0 U	5.7	--	1.0 U	1.0 U	1.0 U	1.0 U
10/12/10	⁽¹⁾ -101210-BW-080	1.0 U	3.9	--	1.0 U	1.0 U	1.0 U	1.0 U

-- = Not analyzed DCE = Dichloroethene
 SS = Surrogate spike result had a percent recovery outside the upper control limit.
 This result must be considered estimated.
⁽¹⁾ Full sample number includes GW-17360

General Motors
Grand Rapids Metal Fabrication Plant
Monitoring Well Data Summary/Analytical Data

SITE: 87-5
 REVISION: 1/7/2011
 UNITS: ug/L

ELEVATION: top of casing - 680.77
 DEPTH: screen - 8.5 to 19.5
 39.5 to 50.5

Date	Sample	PCE	TCE	1,2-DCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
01/30/87	E70828	2.0 U	70	<2	<2	--	--	<10
03/17/89	E15526	--	190	11	--	--	--	--
06/15/89	E21120	--	230	27	--	--	--	--
09/20/89	E25599	--	170	23	--	--	--	--
12/21/89	E30993	--	87	21	--	--	--	--
03/16/90	E35821	--	93	24	--	--	--	--
06/18/90	E42015	--	130	33	--	--	--	--
09/14/90	E48219	--	130	26	--	--	--	--
12/18/90	E54818	--	94	29	--	--	--	--
03/12/91	E59928	--	340	13	--	--	--	--
06/13/91	E67557	--	120	49	--	--	--	--
09/12/91	E72981	--	70	120	--	--	--	--
12/13/91	E07647	--	16	110	--	--	--	--
03/13/92	E15383	--	14	150	--	--	--	--
06/12/92	E23256	--	45	110	--	--	--	--
09/11/92	E31908	--	16	95	--	--	--	--
12/10/92	E40324	--	63	110	--	--	--	--
03/11/93	E47618	--	6.6	110	--	--	--	--
06/14/93	E56587	--	<10	140	--	--	--	--
09/15/93	E66024	--	<10	130	--	--	--	--
12/17/93	E75743	--	9.1	99	--	--	--	--
03/16/94	E81236	--	<5	140	--	--	--	--
06/14/94	E89390	--	25	110	--	--	--	--
09/14/94	E97438	--	33	67	--	--	--	--
12/16/94	E106398	--	14	99	--	--	--	--
03/17/95	E112956	--	10	72.6	--	--	--	--
06/20/95	E120787	--	11	62.6	--	--	--	--
09/14/95	E127381	--	4	61.2	--	--	--	--
12/19/95	E134973	--	4.4	53	--	--	--	--
03/19/96	E139839	--	3.8	42	--	--	--	--
06/13/96	E146837	--	5.3	38	--	--	--	--
09/13/96	E154123	--	20	110	--	--	--	--
12/12/96	E161521	--	6.9	77	--	--	--	--
03/13/97	E166217	--	3.8	52	--	--	--	--
06/19/97	E172378	--	17	78	--	--	--	--
09/11/97	E177740	--	29	57	--	--	--	--
12/16/97	E184900	--	29	47	--	--	--	--
03/12/98	E190813	--	34	50	--	--	--	--
06/16/98	82953-3396	--	2	4	--	--	--	--
09/17/98	84367-8359	--	D<5	D52	--	--	--	--
12/16/98	85755-2514	--	3	22	--	--	--	--
03/10/99	90995-6090	--	6	14	--	--	--	--
06/15/99	3990294007	--	3.9	9.8	--	--	--	--
09/20/99	3991971005	--	3.9	9	--	--	--	--
12/16/99	3993622004	--	3.9	9.1	--	--	--	--

-- = Not analyzed

DCE = Dichloroethene

D = Compound identified in an analysis at a secondary dilution factor.

General Motors
Grand Rapids Metal Fabrication Plant
Monitoring Well Data Summary/Analytical Data

SITE: 87-5
REVISION: 1/7/2011
UNITS: ug/L

ELEVATION: top of casing - 680.77
DEPTH: screen - 8.5 to 19.5
 39.5 to 50.5

Date	Sample	PCE	TCE	1,2-DCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
03/16/00	3001152003	--	3.5	9.2	--	--	--	--
06/13/00	3002633008	--	1.8	14	--	--	--	--
09/22/00	E261221	--	2.1	11	--	--	--	--
12/20/00	E268211	--	2.8	14	--	--	--	--
03/21/01	E274379	--	1.8	4.5	--	--	--	--
06/13/01	E281015	--	29	33	--	--	--	--
09/13/01	E287755	--	SS 100	SS 36	--	--	--	--
12/19/01	E295707	--	2.7	20	--	--	--	--
03/28/02	⁽¹⁾ -032802-TJ-005	--	215	<5	--	--	--	--
06/27/02	⁽¹⁾ -062702-JB-037	--	<1	68	--	--	--	--
09/26/02	⁽¹⁾ -092602-JB-048	--	<2	115	--	--	--	--
12/09/02	⁽¹⁾ -120902-JB-067	--	<2	78	--	--	--	--
03/21/03	⁽¹⁾ -032103-JB-089	--	<1	--	--	1.6	3.6	--
07/15/03	⁽¹⁾ -071503-SP-060	4.0 U	<4	--	<4	33	13	130
10/02/03	⁽¹⁾ -100203-JB-084	2.5 U	<2.5	--	<2.5	3	2.1	92
12/17/03	⁽¹⁾ -121703-JB-092	3.3 U	<3.3	--	<3.3	23	12	120
03/16/04	⁽¹⁾ -031604-BW-140	4.0 U	3.1	--	<4	11	10	120
10/06/04	⁽¹⁾ -100604-DCR-271	4.2 U	<4.2	--	<4.2	1.4	5.2	91
12/02/04	⁽¹⁾ -120204-DCR-308	3.3 U	1.1	--	<3.3	28	16	90
04/06/05	⁽¹⁾ -040605-DCR-362	5.0 U	<5	--	<5	3.7 J	11	150
06/29/05	⁽¹⁾ -062905-DCR-405	1.2 U	0.73 J	--	1.2 U	1.4	1.4	31
12/05/05	⁽¹⁾ -120505-DCR-568	2.5 U	2.5 U	--	2.5 U	0.57 J	3	60 J
09/13/06	⁽¹⁾ -091306-DR-049	2.5 UJ	2.5 U	--	2.5 U	1.3 J	6.1	59
05/10/07	⁽¹⁾ -051007-JY-090	3.3 UJ	3.3 U	3.3 U	3.3 U	18	22	96
10/17/07	⁽¹⁾ -101707-DR-131	3.3 U	3.3 U	3.3 U	4.1	5.9	15	94
04/22/08	⁽¹⁾ -042208-DR-167	3.3 U	3.3 U	3.3 U	3.3 U	8.7	18	84
10/07/08	⁽¹⁾ -100708-DR-216	1.0 U	0.3 J	--	1.0 U	0.32 J	7.5	29
*10/7/2008	⁽¹⁾ -100708-DR-217	1.0 U	0.33 J	--	1.0 U	0.45 J	8.1	37
04/08/09	⁽¹⁾ -040809-DR-263	1.0 U	0.44 J	--	1.0 U	1.0 U	4	25
10/07/09	⁽¹⁾ -100709-DR-297	1.0 U	0.43 J	--	1.0 U	1.0 U	3.9	35
10/12/10	⁽¹⁾ -101210-BW-075	1.0 U	0.77J	--	1.0 U	1.0 U	2	25

-- = Not analyzed

DCE = Dichloroethene

D = Compound identified in an analysis at a secondary dilution factor.

SS = Surrogate spike result had a percent recovery outside the upper control limit.

This result must be considered estimated.

⁽¹⁾ Full sample number includes GW-17360

*Duplicate

General Motors
Grand Rapids Metal Fabrication Plant
Monitoring Well Data Summary/Analytical Data

SITE: 87-8
REVISION: 1/7/2011
UNITS: ug/L

ELEVATION: top of casing - 677.47
DEPTH: screen - 19.7 to 22.7

Date	Sample	PCE	TCE	1,2-DCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
01/21/87	E70829	2 U	9	<2	<2	--	--	<10
06/08/88	E91244	2 U	6	<2	<2	--	--	<10
12/21/88	E11597	--	6	<2	--	--	--	--
03/16/89	E15527	--	4.7	<1	--	--	--	--
06/16/89	E21121	--	2.3	<1	--	--	--	--
09/20/89	E25600	--	3	<1	--	--	--	--
12/21/89	E30998	--	3	<1	<1	--	--	<1
03/16/90	E35822	--	2	<1	--	--	--	--
06/18/90	E42016	--	4	<1	--	--	--	--
09/14/90	E48220	--	4	<1	--	--	--	--
12/17/90	E54823	--	6	<2	<2	--	--	<10
03/11/91	E59929	--	5	<1	--	--	--	--
06/13/91	E67559	--	4	<1	--	--	--	--
09/13/91	E72982	--	3	<1	--	--	--	--
12/13/91	E07652	--	2	<1	<1	--	--	<1
03/13/92	E15385	--	4	<1	--	--	--	--
06/12/92	E23260	--	3.1	<1	--	--	--	--
09/11/92	E31914	--	2.1	<1	--	--	--	--
12/10/92	E40331	--	1	<1	<1	--	--	<1
03/11/93	E47637	--	1.6	<1	--	--	--	--
06/14/93	E56575	--	1.9	<1	--	--	--	--
09/15/93	E66027	--	1.9	<1	--	--	--	--
12/17/93	E75752	--	2.2	<1	<1	--	--	<1
03/16/94	E81240	--	1.2	<1	--	--	--	--
06/14/94	E89392	--	1.3	<1	--	--	--	--
09/14/94	E97439	--	<1	<1	--	--	--	--
12/16/94	E106404	--	1.3	<1	<1	--	--	<1
03/17/95	E112958	--	1.4	<2	--	--	--	--
06/20/95	E120794	--	1.1	<2	--	--	--	--
09/14/95	E127383	--	<1	<2	--	--	--	--
12/18/95	E134975	--	<1	<1	<1	--	--	<1
03/19/96	E139845	--	<1	<1	--	--	--	--
06/13/96	E146842	--	1	<1	--	--	--	--
09/13/96	E154126	--	1.1	<1	--	--	--	--
12/13/96	E161532	--	1.4	<1	<1	--	--	<1
03/13/97	E166212	--	<1	<1	--	--	--	--
06/19/97	E172380	--	<1	<1	--	--	--	--
09/11/97	E177751	--	1.1	<1	--	--	--	--
12/16/97	E184904	--	1.3	<1	<1	--	--	<1
03/12/98	E190815	--	<1	<1	--	--	--	--
06/16/98	82953-3399	--	<1	<2	--	--	--	--
09/17/98	84367-8368	--	<1	<1	--	--	--	--
12/16/98	85755-2523	--	2	<1	<1	--	--	<1
03/10/99	90995-6093	--	4	<1	--	--	--	--
06/15/99	3990294015	--	1.6	<2	--	--	--	--
09/20/99	3991971011	--	1.5	<1	--	--	--	--
12/16/99	3993622009	--	2	<1	<1	--	--	<1

-- = Not analyzed

DCE = Dichloroethene

General Motors
Grand Rapids Metal Fabrication Plant
Monitoring Well Data Summary/Analytical Data

SITE: 87-8
REVISION: 1/7/2011
UNITS: ug/L

ELEVATION: top of casing - 677.47
DEPTH: screen - 19.7 to 22.7

Date	Sample	PCE	TCE	1,2-DCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
03/16/00	3001152012	--	2.6	<1	--	--	--	--
06/13/00	3002633010	--	1.4	<1	--	--	--	--
09/22/00	E261231	--	1.2	<1	--	--	--	--
12/20/00	E268213	--	2.7	<1	<1	--	--	<1
03/21/01	E274390	--	1.3	<1	--	--	--	--
06/14/01	E281020	--	<1	<1	--	--	--	--
09/13/01	E287758	--	1	<1	--	--	--	--
12/19/01	E295711	--	1.2	<1	<1	--	--	<1
03/28/02	⁽¹⁾ -032802-TJ-014	--	<1	<1	--	--	--	--
06/26/02	⁽¹⁾ -062602-JB-027	--	<1	<1	--	--	--	--
09/27/02	⁽¹⁾ -092702-JB-061	--	<1	<1	--	--	--	--
12/09/02	⁽¹⁾ -120902-JB-077	--	<1	<1	<1	--	--	<1
03/21/03	⁽¹⁾ -032103-JB-099	--	<1	--	--	<1	<1	--
08/06/03	⁽¹⁾ -080603-JB-068	1.0 U	<1	--	<1	<1	<1	<1
*8/6/2003	⁽¹⁾ -080603-JB-069	1.0 U	<1	--	<1	<1	<1	<1
09/30/03	⁽¹⁾ -093003-JB-074	1.0 U	0.33	--	<1	<1	<1	<1
12/18/03	⁽¹⁾ -121803-JB-105	0.25 J	0.53	--	<1	<1	<1	<1
03/15/04	⁽¹⁾ -031504-BW-133	0.20 J	0.52	--	<1	<1	<1	<1
10/05/04	⁽¹⁾ -100504-DCR-252	1.0 U	0.52	--	<1	<1	<1	<1
12/01/04	⁽¹⁾ -120104-DCR-300	0.39 J	0.90	--	<1	0.28	<1	<1
04/06/05		--	--	--	--	--	--	--
06/29/05		--	--	--	--	--	--	--
04/23/08	⁽¹⁾ -042308-DR-179	4.1 J	0.32 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
10/07/08	⁽¹⁾ -100708-DR-204	1.0 UJ	1.0 U	--	1.0 U	1.0 U	1.0 U	1.0 U
04/07/09	⁽¹⁾ -040709-DR-256	1.0 U	.038 J	--	1.0 U	1.0 U	1.0 U	1.0 U
10/06/09	⁽¹⁾ -100609-DR-287	0.29 J	1.0 U	--	1.0 U	1.0 U	1.0 U	1.0 U
10/12/10	⁽¹⁾ -101210-BW-072	0.36J	1.0 U	--	1.0 U	1.0 U	1.0 U	1.0 U
*10/12/2010	⁽¹⁾ -101210-BW-073	0.36J	1.0 U	--	1.0 U	1.0 U	1.0 U	1.0 U

-- = Not analyzed

DCE = Dichloroethene

⁽¹⁾ Full sample number includes GW-17360

* Duplicate

General Motors
Grand Rapids Metal Fabrication Plant
Monitoring Well Data Summary/Analytical Data

SITE: 87-9 **ELEVATION:** top of casing - 673.88
REVISION: 1/7/2011 **DEPTH:** screen - 50.5 to 53.5
UNITS: ug/L

Date	Sample	PCE	TCE	1,2-DCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
01/21/87	E70830	2 U	62	<2	<2	--	--	<10
06/08/88	E91245	2 U	21	<2	<2	--	--	<10
12/21/88	E11598	--	18	<2	--	--	--	--
03/16/89	E15522	--	12	<1	--	--	--	--
06/15/89	E21122	--	7.9	<1	--	--	--	--
09/20/89	E25601	--	6	<1	--	--	--	--
12/21/89	E30999	--	5	<1	<1	--	--	<1
03/16/90	E35823	--	4	<1	--	--	--	--
06/19/90	E42017	--	3	<1	--	--	--	--
09/14/90	E48221	--	3	<1	--	--	--	--
12/17/90	E54824	--	2	<2	<2	--	--	<10
03/11/91	E59930	--	2	<1	--	--	--	--
06/13/91	E67561	--	2	<1	--	--	--	--
09/13/91	E72983	--	1	<1	--	--	--	--
12/13/91	E07653	--	1	<1	<1	--	--	<1
03/13/92	E15387	--	1	<1	--	--	--	--
06/12/92	E23262	--	1.6	3.5	--	--	--	--
09/11/92	E31917	--	1.4	<1	--	--	--	--
12/10/92	E40334	--	2	<1	<1	--	--	<1
03/11/93	E47627	--	<1	<1	--	--	--	--
06/14/93	E56576	--	<1	<1	--	--	--	--
09/15/93	E66028	--	**	**	--	--	--	--
10/19/93	E69400	--	1.4	<1	--	--	--	--
12/17/93	E75753	--	<1	<1	<1	--	--	<1
03/16/94	E81244	--	<1	<1	--	--	--	--
06/14/94	E89396	--	<1	<1	--	--	--	--
09/14/94	E97446	--	<1	<1	--	--	--	--
12/16/94	E106408	--	<1	<1	<1	--	--	<1
03/17/95	E112961	--	<1	<2	--	--	--	--
06/20/95	E120796	--	<1	<2	--	--	--	--
09/14/95	E127391	--	<1	<2	--	--	--	--
12/18/95	E134978	--	<1	<1	<1	--	--	<1
03/19/96	E139847	--	<1	<1	--	--	--	--
06/13/96	E146845	--	<1	<1	--	--	--	--
09/13/96	E154128	--	<1	<1	--	--	--	--
12/13/96	E161535	--	<1	<1	<1	--	--	<1
03/13/97	E166220	--	<1	<1	--	--	--	--
06/19/97	E172386	--	<1	<1	--	--	--	--
09/11/97	E177754	--	1	<1	<1	--	--	--
12/16/97	E184907	--	<1	<1	<1	--	--	<1
03/12/98	E190819	--	<1	<1	--	--	--	--
06/16/98	82953-3403	--	<1	<2	--	--	--	--
09/17/98	84367-8372	--	<1	<1	--	--	--	--
12/16/98	85755-2527	--	<1	<1	<1	--	--	<1
03/10/99	90995-6096	--	<1	<1	--	--	--	--
06/15/99	3990294018	--	<1	<2	--	--	--	--
09/20/99	3991971014	--	<1	<1	--	--	--	--
12/16/99	3993622011	--	<1	<1	<1	--	--	<1

-- = Not analyzed

DCE = Dichloroethene

** = Suspected that samples were labeled incorrectly in the field. Resampled 10/19/93.

General Motors
Grand Rapids Metal Fabrication Plant
Monitoring Well Data Summary/Analytical Data

SITE: 87-9 **ELEVATION:** top of casing - 673.88
REVISION: 1/7/2011 **DEPTH:** screen - 50.5 to 53.5
UNITS: ug/L

Date	Sample	PCE	TCE	1,2-DCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
03/16/00	3001152014	--	<1	<1	--	--	--	--
06/13/00	3002633017	--	<1	<1	--	--	--	--
09/22/00	E261234	--	<1	<1	--	--	--	--
12/20/00	E268218	--	<1	<1	<1	--	--	<1
03/21/01	E274392	--	<1	<1	--	--	--	--
06/14/01	E281022	--	<1	<1	--	--	--	--
09/13/01	E287743	--	<1	<1	--	--	--	--
12/19/01	E295713	--	SS<1	SS<1	SS<1	--	--	SS<1
03/28/02	⁽¹⁾ -032802-TJ-012	--	<1	<1	--	--	--	--
06/26/02	⁽¹⁾ -062602-JB-025	--	<1	<1	--	--	--	--
09/27/02	⁽¹⁾ -092702-JB-060	--	1.9	<1	--	--	--	--
12/09/02	⁽¹⁾ -120902-JB-076	--	9.7	3.8	<1	--	--	<1
03/21/03	⁽¹⁾ -032103-JB-096	--	<1	--	--	<1	<1	--
08/06/03	⁽¹⁾ -080603-JB-067	1.0 U	<1	--	<1	<1	<1	<1
09/30/03	⁽¹⁾ -093003-JB-070	1.0 U	0.3	--	<1	<1	<1	<1
12/18/03	⁽¹⁾ -121803-JB-103	1.0 UJ	0.38	--	0.7	<1	<1	<1
03/15/04	⁽¹⁾ -031504-BW-129	1.0 U	<1	--	<1	<1	<1	<1
10/05/04	⁽¹⁾ -100504-DCR-255	1.0 U	<1	--	<1	<1	<1	<1
12/01/04	⁽¹⁾ -120104-DCR-299	1.0 U	0.31	--	<1	<1	<1	<1
04/05/05	⁽¹⁾ -040505-DCR-340	1.0 UJ	<1	--	<1	<1	<1	<1
06/28/05	⁽¹⁾ -062805-DCR-379	1.0 U	0.28 J	--	1.0 U	1.0 U	1.0 U	1.0 U
12/04/05	⁽¹⁾ -120405-DCR-555	1.0 UJ	0.38 J	--	1.0 U	1.0 UJ	1.0 U	1.0 U
09/12/06	⁽¹⁾ -091206-DR-026	1.0 UJ	0.45 J	--	1.0 U	1.0 U	1.0 U	1.0 U
05/09/07	⁽¹⁾ -050907-JY-073	1.0 U	0.39 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
10/16/07	⁽¹⁾ -101607-DR-116	1.0 U	0.42 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
04/23/08	⁽¹⁾ -042308-DR-178	1.0 U	0.477 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
10/07/08	⁽¹⁾ -100708-DR-207	1.0 U	0.51 J	--	1.0 U	1.0 U	1.0 U	1.0 U
04/07/09	⁽¹⁾ -040709-DR-253	1.0 U	0.8 J	--	1.0 U	1.0 U	1.0 U	1.0 U
10/06/09	⁽¹⁾ -100609-DR-284	1.0 U	1.6	--	1.0 U	0.26 J	1.0 U	1.0 U
10/12/10	⁽¹⁾ -101210-BW-069	1.0 U	2.1	--	1.0 U	1.0 U	1.0 U	1.0 U

-- = Not analyzed DCE = Dichloroethene
SS = Surrogate spike result had a percent recovery outside the upper control limit.
This result must be considered estimated.
** = Suspected that samples were labeled incorrectly in the field. Resampled 10/19/93.
⁽¹⁾ Full sample number includes GW-17360

**General Motors
Grand Rapids Metal Fabrication Plant
Monitoring Well Data Summary/Analytical Data**

SITE: 87-10
REVISION: 1/7/2011
UNITS: ug/L

ELEVATION: top of casing - 668.83
DEPTH: screen - 29 to 32

Date	Sample	PCE	TCE	1,2-DCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
06/08/88	E91246	2 U	46	8	<2	--	--	<10
12/21/88	E11599	--	58	10	--	--	--	--
03/16/89	E15523	--	48	14	--	--	--	--
06/16/89	E21123	--	42	10	--	--	--	--
09/20/89	E25602	--	50	7	--	--	--	--
12/21/89	E31000	--	63	8	<1	--	--	<1
03/16/90	E35824	--	79	10	--	--	--	--
06/19/90	E42018	--	83	8	--	--	--	--
09/14/90	E48222	--	110	11	--	--	--	--
12/17/90	E54825	--	89	7	<2	--	--	<10
03/11/91	E59931	--	70	<1	--	--	--	--
06/13/91	E67562	--	66	3	--	--	--	--
09/12/91	E72984	--	50	3	--	--	--	--
12/13/91	E07654	--	55	2	<1	--	--	<1
03/13/92	E15393	--	51	2	--	--	--	--
06/12/92	E23267	--	47	<1	--	--	--	--
09/11/92	E31921	--	35	<1	--	--	--	--
12/11/92	E40336	--	55	1	<1	--	--	<1
03/11/93	E47631	--	46	1.3	--	--	--	--
06/15/93	E56578	--	47	1.2	--	--	--	--
09/15/93	E66049	--	49	<2	--	--	--	--
12/17/93	E75755	--	47	<2	<2	--	--	<2
03/16/94	E81247	--	55	<1	--	--	--	--
06/14/94	E89399	--	130 *	40 *	--	--	--	--
09/14/94	E97451	--	52	<5	--	--	--	--
12/16/94	E106406	--	58	<1	<1	--	--	<1
03/17/95	E112951	--	55	1.2	--	--	--	--
06/20/95	E120804	--	69	2	--	--	--	--
09/14/95	E127389	--	65	<4	--	--	--	--
12/18/95	E134982	--	62	<2	<2	--	--	<2
03/19/96	E139853	--	51	1.7	--	--	--	--
06/13/96	E146850	--	67	3	--	--	--	--
09/13/96	E154134	--	80	4.2	--	--	--	--
12/12/96	E161527	--	64	4.7	<1	--	--	<1
03/13/97	E166224	--	62	6.3	--	--	--	--
06/19/97	E172390	--	68	7.5	--	--	--	--
09/11/97	E177748	--	52	7.7	--	--	--	--
12/16/97	E184910	--	53	8.8	1.8	--	--	1.6
03/13/98	E190823	--	53	4.8	--	--	--	--
06/16/98	82953-3407	--	30	4	--	--	--	--
09/17/98	84367-8376	--	32	3	--	--	--	--
12/16/98	85755-2531	--	32	3	<1	--	--	<1
03/10/99	90995-6105	--	33	2	--	--	--	--
06/15/99	3990294020	--	33	3.1	--	--	--	--
09/20/99	3991971015	--	35	2.2	--	--	--	--
12/16/99	3993622017	--	52	D<5	<5	--	--	<5

-- = Not analyzed

DCE = Dichloroethene

* = It is believed that this sample was inadvertently switched during the field event with the sample from monitoring well 87-11.

D = Compound identified in an analysis at a secondary dilution factor.

**General Motors
Grand Rapids Metal Fabrication Plant
Monitoring Well Data Summary/Analytical Data**

SITE: 87-10
REVISION: 1/7/2011
UNITS: ug/L

ELEVATION: top of casing - 668.83
DEPTH: screen - 29 to 32

Date	Sample	PCE	TCE	1,2-DCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
03/16/00	3001152017	--	D65	D<5	--	--	--	--
06/13/00	3002633020	--	D41	D<2	--	--	--	--
09/22/00	E261235	--	97	2	--	--	--	--
12/20/00	E268220	--	80	2.6	<1	--	--	<1
03/21/01	E274386	--	64	1.1	--	--	--	--
06/14/01	E281024	--	72	<1	--	--	--	--
09/13/01	E287745	--	76	<1	--	--	--	--
12/19/01	E295717	--	46	1.2	<1	--	--	<1
03/28/02	⁽¹⁾ -032802-TJ-021	--	72	2.3	--	--	--	--
06/27/02	⁽¹⁾ -062702-JB-032	--	33	<1	--	--	--	--
09/27/02	⁽¹⁾ -092702-JB-063	--	54	1.5	--	--	--	--
12/09/02	⁽¹⁾ -120902-JB-083	--	48	1.6	<1	--	--	<1
03/21/03	⁽¹⁾ -032103-JB-104	--	41	--	--	1.8	<1	--
07/14/03	⁽¹⁾ -071403-SP-046	1.0 U	27	--	0.51	1.6	<1	<1
10/01/03	⁽¹⁾ -100103-JB-076	2.0 U	44	--	<2	1.4	<2	<2
12/18/03	⁽¹⁾ -100103-JB-114	0.34 J	44	--	<1.7	1.1	<1.7	<1.7
03/15/04	⁽¹⁾ -031504-BW-124	2.0 U	47	--	<2	1.2	<2	<2
10/04/04	⁽¹⁾ -100404-DCR-246	1.7 U	39	--	<1.7	0.78	<1.7	<1.7
12/01/04	⁽¹⁾ -120104-DCR-295	0.50 J	45	--	<1.4	0.95	<1.4	<1.4
04/05/05	⁽¹⁾ -040505-DCR-345	0.51 J	28	--	0.34 J	0.90 J	0.19 J	<1
06/29/05	⁽¹⁾ -062905-DCR-393	0.46 J	25	--	0.32 J	0.77 J	0.20 J	1.0 UJ
12/06/05	⁽¹⁾ -120605-DCR-576	0.44 J	26	--	0.24 J	0.76 J	1.0 U	1.0 U
09/11/06	⁽¹⁾ -091106-DR-017	0.34 J	17	--	0.21 J	0.92 J	0.2 J	1.0 U
05/09/07	⁽¹⁾ -050907-JY-065	0.36 J	13	1.0 U	1.0 U	0.95 J	1.0 U	1.0 U
10/15/07	⁽¹⁾ -101507-DR-107	0.46 J	14	1.0 U	0.41 J	0.85 J	0.2 J	1.0 U
04/21/08	⁽¹⁾ -042108-DR-141	0.37 J	10	1.0 U	1.0 U	0.69 J	1.0 U	1.0 U
10/06/08	⁽¹⁾ -100608-DR-193	0.34 J	11	--	1.0 U	0.66 J	0.19 J	1.0 U
04/07/09	⁽¹⁾ -040709-DR-246	0.31 J	11	--	0.29 J	1.6	0.4 J	1.0 U
10/08/09	⁽¹⁾ -100809-DR-308	0.38 J	10	--	0.3 J	1.5	1.0 U	1.0 U
10/11/10	⁽¹⁾ -101110-BW-053	0.34J	7.6	--	1.0 U	0.58J	1.0 U	1.0 U

-- = Not analyzed

DCE = Dichloroethene

* = It is believed that this sample was inadvertently switched during the field event with the sample from monitoring well 87-11.

D = Compound identified in an analysis at a secondary dilution factor.

⁽¹⁾ Full sample number includes GW-17360

**General Motors
Grand Rapids Metal Fabrication Plant
Monitoring Well Data Summary/Analytical Data**

SITE: 87-11
REVISION: 1/7/2011
UNITS: ug/L

ELEVATION: top of casing - 667.17
DEPTH: screen - 30 to 33

Date	Sample	PCE	TCE	1,2-DCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
06/08/88	E91247	2 U	320	76	<2	--	--	<10
12/21/88	E11600	--	500	69	--	--	--	--
03/16/89	E15524	--	330	55	--	--	--	--
06/16/89	E21124	--	190	70	--	--	--	--
09/20/89	E25603	--	220	44	--	--	--	--
12/21/89	E31001	--	150	40	<5	--	--	<5
03/16/90	E35825	--	230	69	--	--	--	--
06/19/90	E42019	--	200	120	--	--	--	--
09/14/90	E48223	--	220	64	--	--	--	--
12/17/90	E54826	--	48	15	<2	--	--	<10
03/11/91	E59932	--	240	<5	--	--	--	--
06/13/91	E67563	--	220	46	--	--	--	--
09/12/91	E72985	--	160	25	--	--	--	--
12/13/91	E07655	--	150	92	<5	--	--	<5
03/13/92	E15394	--	180	38	--	--	--	--
06/12/92	E23266	--	160	39	--	--	--	--
09/11/92	E31922	--	140	25	--	--	--	--
12/11/92	E40337	--	200	38	<5	--	--	<5
03/11/93	E47632	--	110	20	--	--	--	--
06/15/93	E56579	--	99	21	--	--	--	--
09/15/93	E66050	--	97	14	--	--	--	--
12/17/93	E75754	--	90	17	<5	--	--	<5
03/16/94	E81246	--	99	36	--	--	--	--
06/14/94	E89400	--	58 *	<5 *	--	--	--	--
09/14/94	E97448	--	88	24	--	--	--	--
12/16/94	E106409	--	110	38	<5	--	--	<5
03/17/95	E112950	--	130	30	--	--	--	--
06/20/95	E120805	--	140	53	--	--	--	--
09/14/95	E127388	--	130	58	--	--	--	--
12/18/95	E134981	--	120	34	<5	--	--	<5
03/19/96	E139851	--	160	26	--	--	--	--
06/13/96	E146851	--	150	78	--	--	--	--
09/13/96	E154135	--	210	63	--	--	--	--
12/12/96	E161528	--	180	39	<5	--	--	<5
03/13/97	E166225	--	170	110	--	--	--	--
06/19/97	E172391	--	210	71	--	--	--	--
09/11/97	E177749	--	190	34	--	--	--	--
12/16/97	E184911	--	190	34	<5	--	--	<5
03/13/98	E190824	--	200	48	--	--	--	--
06/16/98	82953-3408	--	D110	D16	--	--	--	--
09/17/98	84367-8377	--	D140	14	--	--	--	--
12/16/98	85755-2532	--	D120	D49	D<5	--	--	D<5
03/10/99	90995-6106	--	D120	D28	--	--	--	--
06/15/99	3990294021	--	D110	32	--	--	--	--
09/20/99	3991971017	--	D160	D29	--	--	--	--
12/16/99	3993622020	--	120	D55	<10	--	--	<10
03/16/00	3001152019	--	D110	D130	--	--	--	--
06/13/00	3002633021	--	D74	D75	--	--	--	--

-- = Not analyzed

DCE = Dichloroethene

D = Compound identified in an analysis at a secondary dilution factor

* = It is believed that this sample was inadvertently switched during the field event with the sample from monitoring well 87-10

**General Motors
Grand Rapids Metal Fabrication Plant
Monitoring Well Data Summary/Analytical Data**

SITE: 87-11
REVISION: 1/7/2011
UNITS: ug/L

ELEVATION: top of casing - 667.17
DEPTH: screen - 30 to 33

Date	Sample	PCE	TCE	1,2-DCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
09/22/00	E261236	--	64	110	--	--	--	--
12/20/00	E268222	--	89	110	<1	--	--	1.1
03/21/01	E274387	--	84	73	--	--	--	--
06/14/01	E281027	--	72	56	--	--	--	--
09/13/01	E287746	--	89	34	--	--	--	--
12/19/01	E295718	--	17	99	<1	--	--	4.7
03/28/02	⁽¹⁾ -032802-TJ-020	--	63	92	--	--	--	--
06/27/02	⁽¹⁾ -062702-JB-031	--	17	~67.5	--	--	--	--
09/27/02	⁽¹⁾ -092702-JB-062	--	44	~120	--	--	--	--
12/09/02	⁽¹⁾ -120902-JB-084	--	46	~120	--	--	--	--
03/21/03	⁽¹⁾ -032103-JB-103	--	34	--	--	110	1.5	--
07/14/03	⁽¹⁾ -071403-SP-047	2.0 U	28	--	<2	42	<2	3.7
10/01/03	⁽¹⁾ -100103-JB-075	5.0 U	34	--	<5	130	1.5	5
12/18/03	⁽¹⁾ -121803-JB-113	4.0 U	11	--	<4	130	1.5	1.3
03/15/04	⁽¹⁾ -031504-BW-126	4.0 U	5.7	--	<4	97	1.5	8.3
10/04/04	⁽¹⁾ -100404-DCR-247	2.5 U	23	--	<2.5	56	2.7	9.1
12/01/04	⁽¹⁾ -120104-DCR-296	2.5 U	24	--	<2.5	66	0.85	4.3
04/05/05	⁽¹⁾ -040505-DCR-346	2.5 UJ	31	--	<2.5	56	1.7 J	1.2 J
06/29/05	⁽¹⁾ -062905-DCR-392	1.7 U	32	--	1.7 U	23	1.7	3.6 J
12/06/05	⁽¹⁾ -120605-DCR-575	1.0 U	40	--	0.39 J	51 J	0.94 J	2.5
09/11/06	⁽¹⁾ -091106-DR-016	1.7 UJ	42	--	1.7 U	15	0.74 J	2.7
05/09/07	⁽¹⁾ -050907-JY-067	1.4 U	50	1.4 U	1.4 U	14	1.4 U	2.6
10/15/07	⁽¹⁾ -101507-DR-105	1.0 U	38	1.0 U	0.75 J	19	0.19 J	4.1
04/21/08	⁽¹⁾ -042108-DR-138	1.0 UJ	27	1.0 U	0.65 J	25	0.49 J	4.1
10/06/08	⁽¹⁾ -100608-DR-194	1.0 UJ	34	--	0.33 J	13	1.0 U	4.5
*10/6/2008	⁽¹⁾ -100608-DR-195	1.0 UJ	36	--	0.34 J	13	0.21 J	4.8
04/07/09	⁽¹⁾ -040709-DR-243	1.7 U	43	--	1.7 U	15	1.7 U	2.3
10/08/09	⁽¹⁾ -100809-DR-309	1.0 UJ	35 J	--	0.29 J	14	0.24 J	4.7
10/11/10	⁽¹⁾ -101110-BW-054	1.0 U	33	--	0.27J	4.9	1.0 U	1.5

-- = Not analyzed

DCE = Dichloroethene

⁽¹⁾ Full sample number includes GW-17360

*Duplicate

General Motors
Grand Rapids Metal Fabrication Plant
Monitoring Well Data Summary/Analytical Data

SITE: 87-13
 REVISION: 1/7/2011
 UNITS: ug/L

ELEVATION: top of casing - 664.24
 DEPTH: screen - 40 to 43

Date	Sample	PCE	TCE	1,2-DCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
06/08/88	E91248	2 U	10	<2	<2	--	--	<10
12/21/88	E11601	--	7	<2	--	--	--	--
03/16/89	E15525	--	9	<1	--	--	--	--
06/16/89	E21125	--	7.6	<1	--	--	--	--
09/20/89	E25604	--	5	<1	--	--	--	--
12/21/89	E31002	--	3	<1	<1	--	--	<1
03/16/90	E35826	--	6	<1	--	--	--	--
06/19/90	E42020	--	7	<1	--	--	--	--
09/14/90	E48224	--	7	<1	--	--	--	--
12/17/90	E54827	--	6	<2	<2	--	--	<10
03/11/91	E59933	--	6	<1	--	--	--	--
06/13/91	E67564	--	5	<1	--	--	--	--
09/12/91	E72986	--	3	<1	--	--	--	--
12/13/91	E07656	--	3	<1	<1	--	--	<1
03/13/92	E15391	--	5	<1	--	--	--	--
06/12/92	E23265	--	4.4	<1	--	--	--	--
09/11/92	E31920	--	3.1	<1	--	--	--	--
12/10/92	E40335	--	3	<1	<1	--	--	<1
03/11/93	E47630	--	2.8	<1	--	--	--	--
06/15/93	E56581	--	3.3	<1	--	--	--	--
09/15/93	E66052	--	3.5	<1	--	--	--	--
12/17/93	E75756	--	3	<1	<1	--	--	<1
03/16/94	E81250	--	2.7	<1	--	--	--	--
06/14/94	E89398	--	2.7	<1	--	--	--	--
09/14/94	E97450	--	2.4	<1	--	--	--	--
12/16/94	E106410	--	2.6	<1	<1	--	--	<1
03/17/95	E112948	--	3.2	<2	--	--	--	--
06/20/95	E120806	--	3.8	<2	--	--	--	--
09/14/95	E127393	--	2.4	<2	--	--	--	--
12/18/95	E134980	--	2.2	<1	<1	--	--	<1
03/19/96	E139852	--	2	<1	--	--	--	--
06/13/96	E146848	--	2.7	<1	--	--	--	--
09/13/96	E154131	--	1.9	<1	--	--	--	--
12/12/96	E162064	--	1.7	<1	<1	--	--	<1
03/13/97	E166222	--	2.1	<1	--	--	--	--
06/19/97	E172387	--	1.6	<1	--	--	--	--
09/11/97	E177746	--	2.1	<1	--	--	--	--
12/16/97	E184909	--	1.8	<1	<1	--	--	<1
03/13/98	E190822	--	<1	<1	--	--	--	--
06/16/98	82953-3406	--	2	<2	--	--	--	--
09/17/98	84367-8373	--	<1	<1	--	--	--	--
12/16/98	85755-2528	--	2	<1	<1	--	--	<1
03/10/99	90995-6098	--	2	<1	--	--	--	--
06/15/99	3990294022	--	2	<2	--	--	--	--
09/20/99	3991971016	--	2.3	<1	--	--	--	--
12/16/99	3993622018	--	2.1	<1	<1	--	--	<1

-- = Not analyzed

DCE = Dichloroethene

General Motors
Grand Rapids Metal Fabrication Plant
Monitoring Well Data Summary/Analytical Data

SITE: 87-13
 REVISION: 1/7/2011
 UNITS: ug/L

ELEVATION: top of casing - 664.24
 DEPTH: screen - 40 to 43

Date	Sample	PCE	TCE	1,2-DCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
03/16/00	3001152016	--	1.8	<1	--	--	--	--
06/13/00	3002633018	--	1.3	<1	--	--	--	--
09/22/00	E261238	--	1.9	<1	--	--	--	--
12/20/00	E268221	--	2.7	<1	<1	--	--	<1
03/21/01	E274385	--	1.8	<1	--	--	--	--
06/14/01	E281028	--	1.7	<1	--	--	--	--
09/13/01	E287749	--	1.8	<1	--	--	--	--
12/19/01	E295721	--	1.5	<1	<1	--	--	<1
03/28/02	⁽¹⁾ -032802-TJ-018	--	1.6	<1	--	--	--	--
*3/28/2002	⁽¹⁾ -032802-TJ-019	--	1.6	<1	--	--	--	--
06/26/02	⁽¹⁾ -062602-JB-028	--	1.0	<1	--	--	--	--
09/27/02	⁽¹⁾ -092702-JB-065	--	1.6	<1	--	--	--	--
12/09/02	⁽¹⁾ -120902-JB-082	--	1.7	<1	<1	--	--	<1
03/21/03	⁽¹⁾ -032103-JB-100	--	1.7	--	--	<1	<1	--
07/14/03	⁽¹⁾ -071403-SP-049	1.0 U	1.6	--	<1	<1	<1	<1
10/01/03	⁽¹⁾ -100103-JB-077	1.0 U	2.0	--	<1	<1	<1	<1
*10/1/2003	⁽¹⁾ -100103-JB-078	1.0 U	1.8	--	<1	<1	<1	<1
12/18/03	⁽¹⁾ -121803-JB-112	1.0 U	1.5	--	<1	<1	<1	<1
03/15/04	⁽¹⁾ -031504-BW-122	1.0 U	1.7	--	<1	<1	<1	<1
10/04/04	⁽¹⁾ -100404-DCR-241	1.0 U	1.9	--	<1	<1	<1	<1
*10/04/04	⁽¹⁾ -100404-DCR-242	1.0 U	1.8	--	<1	<1	<1	<1
11/30/04	⁽¹⁾ -113004-DCR-284	1.0 U	2.0	--	<1	<1	<1	<1
04/04/05	⁽¹⁾ -040405-DCR-333	1.0 U	2.1	--	<1	<1	<1	<1
06/27/05	⁽¹⁾ -062705-DCR-371	1.0 U	1.5	--	1.0 U	1.0 U	1.0 U	1.0 U
12/02/05	⁽¹⁾ -120205-DCR-506	1.0 UJ	1.4	--	1.0 U	0.28 J	1.0 U	1.0 U
12/02/05	⁽¹⁾ -120205-DCR-507	1.0 UJ	1.3	--	1.0 U	0.41 J	1.0 U	1.0 U
09/11/06	⁽¹⁾ -091106-DR-014	1.0 UJ	0.94 J	--	1.0 U	1.0 U	1.0 U	1.0 U
05/08/07	⁽¹⁾ -050807-JY-060	1.0 U	0.76 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
10/15/07	⁽¹⁾ -101507-DR-103	1.0 U	1.2	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
04/21/08	⁽¹⁾ -042108-DR-144	1.0 UJ	0.29 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
10/06/08	⁽¹⁾ -100608-DR-188	1.0 UJ	0.91	--	1.0 U	1.0 U	1.0 U	1.0 U
04/07/09	⁽¹⁾ -040709-DR-241	1.0 UJ	0.94	--	1.0 U	1.0 U	1.0 U	1.0 U
10/08/09	⁽¹⁾ -100809-DR-310	1.0 U	1.1	--	1.0 U	1.0 U	1.0 U	1.0 U
10/11/10	⁽¹⁾ -101110-BW-055	1.0 U	0.74J	--	1.0 U	1.0 U	1.0 U	1.0 U

-- = Not analyzed

DCE = Dichloroethene

⁽¹⁾ Full sample number includes GW-17360

* Duplicate

**General Motors
Grand Rapids Metal Fabrication Plant
Monitoring Well Data Summary/Analytical Data**

SITE: 93-1 ELEVATION: top of casing - 657.21
 REVISION: 1/7/2011 DEPTH: screen - 8.2
 UNITS: ug/L

Date	Sample	PCE	TCE	1,2-DCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
08/20/93	E63615	--	2.6	2.4	--	--	--	<1
12/17/93	E75757	--	2.7	3.1	--	--	--	<1
03/16/94	E81249	--	2.2	2.3	--	--	--	--
06/14/94	E89402	--	2.6	2.9	--	--	--	--
09/14/94	E97452	--	1.9	1.9	--	--	--	--
12/16/94	E106411	--	1.8	1.8	--	--	--	<1
03/17/95	E112949	--	2.8	2.3	--	--	--	--
06/20/95	E120807	--	3.3	3.3	--	--	--	--
09/14/95	E127392	--	1.2	1.6	--	--	--	--
12/18/95	E134983	--	1.1	1.4	--	--	--	<1
03/19/96	E139849	--	1.9	2.4	--	--	--	--
06/13/96	E146849	--	2.6	3.1	--	--	--	--
09/13/96	E154132	--	1.6	2.3	--	--	--	--
12/12/96	E161530	--	1.9	2.3	--	--	--	<1
03/13/97	E166226	--	2.3	1.8	--	--	--	--
06/19/97	E172388	--	2.4	3.1	--	--	--	--
09/11/97	E177747	--	2.1	2.6	--	--	--	--
12/16/97	E184913	--	1.7	3.1	--	--	--	1.3
03/13/98	E190826	--	<1	<1	--	--	--	--
06/16/98	82953-3410	--	1	J1	--	--	--	--
09/17/98	84367-8374	--	<1	<1	--	--	--	--
12/16/98	85755-2529	--	1	<1	--	--	--	<1
03/10/99	90995-6108	--	1	1	--	--	--	--
06/15/99	3990294024	--	2.3	2.3	--	--	--	--
09/20/99	3991971018	--	1.3	1.4	--	--	--	--
12/16/99	3993622019	--	<1	1.8	--	--	--	<1
03/16/00	3001152021	--	1	1.3	--	--	--	--
06/13/00	3002633022	--	<1	1.3	--	--	--	--
09/22/00	E261237	--	1	<1	--	--	--	--
12/20/00	E268225	--	2.2	5	--	--	--	<1
03/21/01	E274389	--	SI 2.2	SI 4	--	--	--	--
06/14/01	E281026	--	1.5	3.4	--	--	--	--
09/13/01	E287748	--	2.7	2.4	--	--	--	--
12/19/01	E295720	--	2.7	4.2	--	--	--	<1
03/28/02	⁽¹⁾ -032802-TJ-022	--	2.4	4.8	--	--	--	--
06/27/02	⁽¹⁾ -062702-JB-033	--	2.0	4.2	--	--	--	--
09/01/02	⁽¹⁾ -092702-JB-064	--	<1	<1	--	--	--	--
12/9/2002	⁽¹⁾ -120902-JB-080	--	2.0	~4.1	--	--	--	<1
3/21/2003	⁽¹⁾ -03/21/03-JB-101	--	1.8	--	--	3.2	<1	--
7/14/2003	⁽¹⁾ -07/14/03-SP-048	2.9	1.9	--	<1	4.2	<1	0.43
10/1/2003	⁽¹⁾ -100103-JB-079	1.9	1.4	--	<1	5.2	<1	0.60
12/18/2003	⁽¹⁾ -121803-JB-116	1.0 J	1.1	--	<1	3.1	<1	<1
3/15/2004	⁽¹⁾ -031504-BW-125	1.2	1.1	--	<1	1.5	<1	<1

-- = Not analyzed

DCE = Dichloroethene

J = Indicates an estimated value.

⁽¹⁾ Full sample number includes GW-17360

SI = Sample integrity suspect upon arrival, positive results should be considered estimated.

General Motors
Grand Rapids Metal Fabrication Plant
Monitoring Well Data Summary/Analytical Data

SITE: X-10
REVISION: 1/7/2011
UNITS: ug/L

ELEVATION: top of casing - 681.10
DEPTH: screen - 35 to 45

Date	Sample	Trichloroethene	1,2-Dichloroethene	1,1,1-Trichloroethane
08/22/89	E24442	1	--	--
09/20/89	E25605	<1	<1	40
10/13/89	E26924	<1	--	31
11/17/89	E29147	<1	--	33
12/21/89	E30988	<1	--	25
01/12/90	E31894	<1	--	--
02/16/90	E33917	<1	--	39
03/16/90	E35830	<1	--	22
04/12/90	E37257	<1	--	31
05/18/90	E39757	<1	--	31
06/18/90	E42006	<1	--	37
07/13/90	E44004	<1	--	41
08/20/90	E46573	<1	--	24
09/14/90	E48210	<1	--	30
10/12/90	E50163	<1	--	36
11/15/90	E52798	<1	--	17
12/17/90	E54830	<2	--	32
03/12/91	E59921	<1	<1	--
06/13/91	E67565	<1	--	<1
09/12/91	E72987	<1	--	<1
12/13/91	E07658	<1	--	<1
03/13/92	E15379	<1	--	5
06/12/92	E23269	<1	--	<1
09/11/92	E31907	<1	--	<1
12/10/92	E40330	<1	--	2
03/11/93	E47617	<1	--	<1
06/14/93	E57772	<1	--	<1
09/15/93	E66057	<1	--	3.6
12/17/93	E75748	<1	--	<1
03/16/94	E81251	<1	--	<1
06/14/94	E89405	<1	--	9
09/14/94	E97453	<1	--	<1
12/16/94	E106403	<1	--	<1
03/17/95	E112962	<1	--	<1
06/20/95	E120788	<1	--	3.8
09/14/95	E127395	<1	--	<1
12/19/95	E134984	<1	--	<1
03/19/96	E139854	<1	--	<1
06/13/96	E146834	<1	--	<1
09/13/96	E154136	1.2	--	<1
12/12/96	E161517	<1	--	<1
03/13/97	E166215	<1	--	<1
06/19/97	E172375	<1	--	3.7
09/11/97	E177741	1	--	<1
12/16/97	***	***	***	***
03/13/98	****	****	****	****

-- = Not analyzed

*** = Unable to sample due to construction interference.

**** = Well no longer exists.

**General Motors
Grand Rapids Metal Fabrication Plant
Monitoring Well Data Summary/Analytical Data**

SITE: PW DISCH
REVISION: 1/7/2011
UNITS: ug/L

ELEVATION:
DEPTH:

top of casing - 678.47
screen - 45 to 55

Date	Sample	PCE	TCE	1,2-DCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	Gallons Pumped #
09/20/89	E25566	--	110	4	<1	--	--	<1	--
09/22/89	E25679	--	140	--	--	--	--	--	--
10/13/89	E26925	--	150	5	--	--	--	--	--
11/17/89	E29148	--	85	6	--	--	--	--	--
12/21/89	E31003	--	100	5	<1	--	--	1	--
01/12/90	E31895	--	110	<5	--	--	--	--	--
02/16/90	E33918	--	110	3	--	--	--	--	--
03/16/90	E35831	--	120	4	--	--	--	--	--
04/12/90	E37258	--	130	<5	--	--	--	--	--
05/18/90	E39758	--	180	1	--	--	--	--	--
06/18/90	E42007	--	170	<10	--	--	--	--	--
07/13/90	E44005	--	130	3	--	--	--	--	1820000
08/20/90	E46574	--	23	<1	--	--	--	--	1825000
09/14/90	E48211	--	130	4	--	--	--	--	1823000
10/12/90	E50164	--	160	<2	--	--	--	--	1650000
11/15/90	E52799	--	93	<1	--	--	--	--	1797000
12/17/90	E54828	--	140	5	<2	--	--	<10	2570000
01/15/91	--	--	--	--	--	--	--	--	1819000
02/20/91	--	--	--	--	--	--	--	--	1693000
03/11/91	E59920	--	86	<2	--	--	--	--	1922000
04/30/91	--	--	--	--	--	--	--	--	1713000
05/30/91	--	--	--	--	--	--	--	--	2096000
06/13/91	E67569	--	100	<5	--	--	--	--	1437000
07/31/91	--	--	--	--	--	--	--	--	2032000
08/31/91	--	--	--	--	--	--	--	--	1729000
09/12/91	E72988	--	86	6	--	--	--	--	1656000
10/31/91	--	--	--	--	--	--	--	--	1857000
11/30/91	--	--	--	--	--	--	--	--	1857000
12/13/91	E07657	--	75	4	<2	--	--	<2	1874000
01/31/92	--	--	--	--	--	--	--	--	1934000
02/28/92	--	--	--	--	--	--	--	--	1795000
03/13/92	E15386	--	73	4	--	--	--	--	2008000
04/30/92	--	--	--	--	--	--	--	--	++
05/31/92	--	--	--	--	--	--	--	--	++
06/30/92	--	--	--	--	--	--	--	--	++
07/31/92	--	--	--	--	--	--	--	--	3679000
08/13/92	E29153	--	63	3.7	--	--	--	--	2004000
09/11/92	E31915	--	62	3.3	--	--	--	--	2212000
10/31/92	--	--	--	--	--	--	--	--	1996000
11/30/92	--	--	--	--	--	--	--	--	2041000
12/10/92	E40333	--	61	2	<1	--	--	<1	1952000
01/31/93	--	--	--	--	--	--	--	--	1952000
02/28/93	--	--	--	--	--	--	--	--	1866000

-- = Not analyzed/measured DCE = Dichloroethene
 ++ = Recorded total gallons for April 1992 through July 1992 (2 weeks).
 # = Date reflects sampling day or last day of month; whereas total gallonage covers entire month.

**General Motors
Grand Rapids Metal Fabrication Plant
Monitoring Well Data Summary/Analytical Data**

SITE: PW DISCH
REVISION: 1/7/2011
UNITS: ug/L

ELEVATION:
DEPTH:

**top of casing - 678.47
screen - 45 to 55**

Date	Sample	PCE	TCE	1,2-DCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	Gallons Pumped #
03/11/93	E47624	--	40	2.2	--	--	--	--	2208000
04/30/93	--	--	--	--	--	--	--	--	2050000
05/31/93	--	--	--	--	--	--	--	--	2125000
06/14/93	E56577	--	44	3.6	--	--	--	--	1997000
07/31/93	--	--	--	--	--	--	--	--	1847000
08/31/93	--	--	--	--	--	--	--	--	2307000
09/15/93	E66026	--	47	2.8	--	--	--	--	1853000
10/31/93	--	--	--	--	--	--	--	--	1851000
11/30/93	--	--	--	--	--	--	--	--	2423000
12/17/93	E75750	--	32	2.8	<2	--	--	<2	1856000
03/11/93	E47624	--	40	2.2	--	--	--	--	2208000
04/30/93	--	--	--	--	--	--	--	--	2050000
05/31/93	--	--	--	--	--	--	--	--	2125000
06/14/93	E56577	--	44	3.6	--	--	--	--	1997000
07/31/93	--	--	--	--	--	--	--	--	1847000
08/31/93	--	--	--	--	--	--	--	--	2307000
09/15/93	E66026	--	47	2.8	--	--	--	--	1853000
10/31/93	--	--	--	--	--	--	--	--	1851000
11/30/93	--	--	--	--	--	--	--	--	2423000
12/17/93	E75750	--	32	2.8	<2	--	--	<2	1856000
03/16/94	E81242	--	42	2	--	--	--	--	2168000
04/11/94	--	--	--	--	--	--	--	--	1987000
05/11/94	--	--	--	--	--	--	--	--	2324000
06/14/94	E89394	--	39	1.7	--	--	--	--	1391000
07/13/94	E91965	--	32	--	--	--	--	--	1863000
09/07/94	--	--	--	--	--	--	--	--	1810000
09/14/94	E97437	--	29	1.3	--	--	--	--	--
10/05/94	--	--	--	--	--	--	--	--	1657000
11/09/94	--	--	--	--	--	--	--	--	1759000
12/07/94	--	--	--	--	--	--	--	--	1630000
12/16/94	E106405	--	28	2	<1	--	--	<1	--
01/04/95	--	--	--	--	--	--	--	--	1673000
02/08/95	--	--	--	--	--	--	--	--	2154000
03/08/95	--	--	--	--	--	--	--	--	1809000
03/17/95	E112960	--	24	1.3	--	--	--	--	--
04/05/95	--	--	--	--	--	--	--	--	1773000
05/03/95	--	--	--	--	--	--	--	--	1760000
06/07/95	--	--	--	--	--	--	--	--	2152000
06/20/95	E120792	--	23	<2	--	--	--	--	--
07/05/95	--	--	--	--	--	--	--	--	1521000
08/03/95	--	--	--	--	--	--	--	--	1770000
09/07/95	--	--	--	--	--	--	--	--	2138000
09/14/95	E127384	--	16	<2	--	--	--	--	--
10/04/95	--	--	--	--	--	--	--	--	1609000

-- = Not analyzed/measured
DCE = Dichloroethene
= Date reflects sampling day or last day of month; whereas total gallonage covers entire month.

**General Motors
Grand Rapids Metal Fabrication Plant
Monitoring Well Data Summary/Analytical Data**

SITE: PW DISCH **ELEVATION:** top of casing - 678.47
REVISION: 1/7/2011 **DEPTH:** screen - 45 to 55
UNITS: ug/L

Date	Sample	PCE	TCE	1,2-DCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	Gallons Pumped #
11/01/95	--	--	--	--	--	--	--	--	1658000
12/06/95	--	--	--	--	--	--	--	--	2703000
12/18/95	E134977	--	13	<1	<1	--	--	<1	--
01/03/96	--	--	--	--	--	--	--	--	1565000
02/07/96	--	--	--	--	--	--	--	--	2084000
03/06/96	--	--	--	--	--	--	--	--	1648000
03/19/96	E139843	--	12	<1	--	--	--	--	--
04/03/96	--	--	--	--	--	--	--	--	1596000
05/01/96	--	--	--	--	--	--	--	--	1656000
06/05/96	--	--	--	--	--	--	--	--	2131000
06/13/96	E146844	--	14	<1	--	--	--	--	--
06/26/96	--	--	--	--	--	--	--	--	1716000
07/31/96	--	--	--	--	--	--	--	--	2068000
09/04/96	--	--	--	--	--	--	--	--	2071000
09/13/96	E154125	--	15	<1	--	--	--	--	--
10/02/96	--	--	--	--	--	--	--	--	1665000
10/30/96	--	--	--	--	--	--	--	--	1614000
12/04/96	--	--	--	--	--	--	--	--	2027000
12/13/96	E161533	--	13	<1	<1	--	--	<1	--
12/31/96	--	--	--	--	--	--	--	--	1568000
01/29/97	--	--	--	--	--	--	--	--	1493000
02/26/97	--	--	--	--	--	--	--	--	1639000
03/13/97	E166210	--	9.3	<1	--	--	--	--	--
03/26/97	--	--	--	--	--	--	--	--	1636000
04/30/97	--	--	--	--	--	--	--	--	1704000
05/28/97	--	--	--	--	--	--	--	--	1596000
06/19/97	E172382	--	11	<1	--	--	--	--	--
07/02/97	--	--	--	--	--	--	--	--	2037000
08/06/97	--	--	--	--	--	--	--	--	1967000
09/04/97	--	--	--	--	--	--	--	--	1633000
09/11/97	E177753	--	9.4	<1	--	--	--	--	--
10/01/97	--	--	--	--	--	--	--	--	1541000
11/05/97	--	--	--	--	--	--	--	--	1690000
12/03/97	--	--	--	--	--	--	--	--	1458000
12/16/97	E184906	--	7.2	<1	<1	--	--	<1	--
12/31/97	--	--	--	--	--	--	--	--	1512000
01/28/98	--	--	--	--	--	--	--	--	1514000
02/25/98	--	--	--	--	--	--	--	--	1483000
03/12/98	E190818	--	5.9	<1	--	--	--	--	--
03/26/98	--	--	--	--	--	--	--	--	1544000
04/29/98	--	--	--	--	--	--	--	--	1744000
05/27/98	--	--	--	--	--	--	--	--	1497000
06/16/98	82953-3401	--	7	<2	--	--	--	--	--
07/01/98	--	--	--	--	--	--	--	--	1908000

-- = Not analyzed/measured DCE = Dichloroethene
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**General Motors
Grand Rapids Metal Fabrication Plant
Monitoring Well Data Summary/Analytical Data**

SITE: PW DISCH **ELEVATION:** top of casing - 678.47
REVISION: 1/7/2011 **DEPTH:** screen - 45 to 55
UNITS: ug/L

Date	Sample	PCE	TCE	1,2-DCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	Gallons Pumped #
07/29/98	--	--	--	--	--	--	--	--	1512000
09/02/98	--	--	--	--	--	--	--	--	1896000
09/17/98	84367-8367	--	5	<1	--	--	--	--	--
09/30/98	--	--	--	--	--	--	--	--	1515000
10/28/98	--	--	--	--	--	--	--	--	1419000
12/02/98	--	--	--	--	--	--	--	--	1661000
12/16/98	85755-2522	--	4	<1	<1	--	--	<1	--
12/31/98	--	--	--	--	--	--	--	--	1235000
01/27/99	--	--	--	--	--	--	--	--	1416000
02/24/99	--	--	--	--	--	--	--	--	1379000
03/18/99	911113-5423	--	4	<1	--	--	--	--	--
03/24/99	--	--	--	--	--	--	--	--	1180000
04/29/99	--	--	--	--	--	--	--	--	1778000
06/01/99	--	--	--	--	--	--	--	--	1705000
06/15/99	3990294017	--	4.7	<2	--	--	--	--	--
06/30/99	--	--	--	--	--	--	--	--	1736000
07/28/99	--	--	--	--	--	--	--	--	1741000
09/01/99	--	--	--	--	--	--	--	--	2049000
09/20/99	3991971008	--	4.5	<1	--	--	--	--	--
09/29/99	--	--	--	--	--	--	--	--	1636000
11/03/99	--	--	--	--	--	--	--	--	2017000
12/01/99	--	--	--	--	--	--	--	--	1624000
12/16/99	3993622015	--	3.5	<1	<1	--	--	<1	--
12/29/99	--	--	--	--	--	--	--	--	1634000
02/02/00	--	--	--	--	--	--	--	--	1958000
03/01/00	--	--	--	--	--	--	--	--	1581000
03/16/00	3001152011	--	2.7	<1	--	--	--	--	--
03/29/00	--	--	--	--	--	--	--	--	1602000
04/25/00	--	--	--	--	--	--	--	--	1576000
05/31/00	--	--	--	--	--	--	--	--	2052000
06/13/00	3002633015	--	2.1	<1	--	--	--	--	--
06/28/00	--	--	--	--	--	--	--	--	1619000
07/26/00	--	--	--	--	--	--	--	--	1605000
08/30/00	--	--	--	--	--	--	--	--	1968000
09/22/00	E261227	--	3.1	<1	--	--	--	--	--
11/01/00	--	--	--	--	--	--	--	--	1819000
11/29/00	--	--	--	--	--	--	--	--	1475000
12/20/00	E268217	--	4.8	<1	<1	--	--	<1	--
01/03/01	--	--	--	--	--	--	--	--	2127000
02/26/01	--	--	--	--	--	--	--	--	1515000
03/21/01	E274382	--	3.2	<1	--	--	--	--	--
03/28/01	--	--	--	--	--	--	--	--	2063000
04/24/01	--	--	--	--	--	--	--	--	1637000
05/30/01	--	--	--	--	--	--	--	--	1987000

-- = Not analyzed/measured DCE = Dichloroethene
= Date reflects sampling day or last day of month; whereas total gallonage covers entire month.

**General Motors
Grand Rapids Metal Fabrication Plant
Monitoring Well Data Summary/Analytical Data**

SITE: PW DISCH
REVISION: 1/7/2011
UNITS: ug/L

ELEVATION:
DEPTH:

**top of casing - 678.47
screen - 45 to 55**

Date	Sample	PCE	TCE	1,2-DCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	Gallons Pumped #
06/13/01	E281018	--	4.3	<1	--	--	--	--	--
06/25/01	--	--	--	--	--	--	--	--	1475000
07/16/01	--	--	--	--	--	--	--	--	1359000
08/22/01	--	--	--	--	--	--	--	--	673000
09/13/01	E287742	--	4.5	<1	--	--	--	--	1605000
10/09/01	--	--	--	--	--	--	--	--	1379000
11/13/01	--	--	--	--	--	--	--	--	2219000
12/19/01	E295710	--	5.6	<1	<1	--	--	<1	1558000
03/28/02	⁽¹⁾ -032802-TJ-011	--	5.8	<1	--	--	--	--	--
06/27/02	--	--	--	--	--	--	--	--	--
09/26/02	⁽¹⁾ -092602-JB-055	--	6.1	<1	--	--	--	--	--
12/09/02	⁽¹⁾ -120902-JB-078	--	5.9	~1.1	<1	--	--	<1	--
03/21/03	⁽¹⁾ -032103-JB-098	--	3.7	--	--	<1	<1	--	--
07/15/03	⁽¹⁾ -071503-SP-058	1.0 U	3	--	<1	<1	<1	<1	--
09/30/03	⁽¹⁾ -093003-JB-072	1.0 U	2.1	--	<1	<1	<1	<1	--
12/18/03	⁽¹⁾ -121803-JB-110	0.14 J	1.7	--	<1	<1	<1	<1	--
03/15/04	⁽¹⁾ -031504-BW-131	1.0 U	1.6	--	<1	<1	<1	<1	--
10/06/04	⁽¹⁾ -100604-DCR-268	1.0 U	1.5	--	<1	<1	<1	<1	--
12/01/04	⁽¹⁾ -120104-DCR-297	1.0 U	1.6	--	<1	<1	<1	<1	--
04/04/05	--	--	--	--	--	--	--	--	--

-- = Not analyzed/measured
= Date reflects sampling day or last day of month; whereas total gallonage covers entire month.
⁽¹⁾ Full sample number includes GW-17360
DCE = Dichloroethene

**General Motors
Grand Rapids Metal Fabrication Plant
Monitoring Well Data Summary**

SITE: C-1 **ELEVATION:** top of culvert - 663.20
REVISION: 1/7/2011
UNITS: ug/L

Date	Sample	PCE	TCE	1,2-DCE	cis-1,2-DCE	trans-1,2-DCE	Total Copper	Total Hardness
12/21/88	E11604	--	3	<2	--	--	--	--
03/17/89	E15514	--	2.4	<1	--	--	--	--
06/15/89	E21126	--	<1	<1	--	--	--	--
09/22/89	E25727	--	1	<1	--	--	--	--
12/21/89	E30994	--	<1	<1	--	--	--	--
03/16/90	E35827	--	2	<1	--	--	--	--
06/19/90	E42021	--	1	<1	--	--	--	--
09/14/90	E48225	--	<1	<1	--	--	--	--
12/17/90	E54819	--	4	<2	--	--	--	--
03/11/91	E59917	--	5	<1	--	--	--	--
06/13/91	E67566	--	4	<1	--	--	--	--
09/12/91	E72973	--	4	<1	--	--	--	--
12/13/91	E07648	--	5	<1	--	--	--	--
03/13/92	E15389	--	4	<1	--	--	--	--
06/12/92	E23263	--	2.6	<1	--	--	--	--
09/11/92	E31918	--	1.7	<1	--	--	--	--
12/10/92	E40327	--	2	<1	--	--	--	--
03/11/93	E47628	--	2.1	<1	--	--	--	--
06/15/93	E56590	--	2.1	<1	--	--	--	--
09/15/93	E66029	--	2	<1	--	--	--	--
12/17/93	E75746	--	1.7	<1	--	--	--	--
03/16/94	E81243	--	2.1	<1	--	--	--	--
06/14/94	E89395	--	1.1	<1	--	--	--	--
09/14/94	E97441	--	<1	<1	--	--	--	--
12/16/94	E106400	--	1.4	<1	--	--	--	--
03/17/95	E112944	--	1.8	<2	--	--	--	--
06/20/95	E120793	--	1.1	<2	--	--	--	--
09/14/95	E127385	--	<1	<2	--	--	--	--
12/18/95	E134967	--	<1	<1	--	--	--	--
03/19/96	E139844	--	<1	<1	--	--	--	--
06/13/96	E146846	--	1.3	<1	--	--	--	--
09/13/96	E154130	--	<1	<1	--	--	--	--
12/12/96	E161524	--	<1	<1	--	--	--	--
03/13/97	E166211	--	1.6	<1	--	--	--	--
06/19/97	E172383	--	<1	<1	--	--	--	--
09/11/97	E177743	--	<1	<1	--	--	--	--
12/16/97	E184902	--	<1	<1	--	--	--	--
03/12/98	E190821	--	<1	<1	--	--	--	--
06/16/98	82953-3398	--	<1	<2	--	--	--	--
09/17/98	84367-8365	--	<1	<1	--	--	--	--
12/16/98	85755-2521	--	<1	<1	--	--	--	--
03/10/99	90995-6092	--	<1	<1	--	--	--	--
06/15/99	3990294013	--	<1	<2	--	--	--	--
09/20/99	3991971007	--	<1	<1	--	--	--	--
12/16/99	3993622013	--	<1	<1	--	--	--	--

-- Not analyzed

DCE = Dichloroethene

General Motors
Grand Rapids Metal Fabrication Plant
Monitoring Well Data Summary

SITE: C-1 **ELEVATION:** top of culvert - 663.20
REVISION: 1/7/2011
UNITS: ug/L

Date	Sample	PCE	TCE	1,2-DCE	cis-1,2-DCE	trans-1,2-DCE	Total Copper	Total Hardness
03/16/00	3001152010	--	<1	<1	--	--	--	--
06/13/00	3002633012	--	<1	1.2	--	--	--	--
09/22/00	E261226	--	<1	<1	--	--	--	--
12/20/00	E268216	--	<1	<1	--	--	--	--
03/21/01	E274381	--	1.4	<1	--	--	--	--
06/13/01	E281017	--	2.3	2.5	--	--	--	--
09/13/01	E287741	--	1.3	<1	--	--	<20	292000
12/19/01	E295709	--	<1	<1	--	--	<20	DL 104000
03/28/02	⁽¹⁾ -032802-TJ-015	--	1.9	1.8	--	--	--	--
06/27/02	⁽¹⁾ -062702-JB-034	--	1.1	<1	--	--	--	--
09/26/02	⁽¹⁾ -092602-JB-056	--	<1	<1	--	--	--	--
12/09/02	⁽¹⁾ -120902-JB-086	--	<1	<1	--	--	--	--
*12/9/2002	⁽¹⁾ -120902-JB-087	--	<1	<1	--	--	<1	<1
03/21/03	⁽¹⁾ -032103-JB-106	--	<1	--	<1	<1	--	--
07/14/03	⁽¹⁾ -071403-SP-050	1.0 U	<1	--	<1	<1	--	--
10/01/03	⁽¹⁾ -100103-JB-080	2.0	1.4	--	5.2	<1	--	--
12/18/03	⁽¹⁾ -121803-JB-108	0.63 J	<1	--	<1	<1	--	--
03/15/04	⁽¹⁾ -031504-BW-134	2.8	<1	--	<1	<1	--	--
10/06/04	⁽¹⁾ -100604-DCR-278	0.59 J	<1	--	<1	<1	--	--
12/02/04	⁽¹⁾ -120204-DCR-318	0.66 J	<2	--	<1	<1	--	--
04/05/05	⁽¹⁾ -040505-DCR-342	9.8 J	1.4	--	1.4	<1	<1	<1
06/28/05	⁽¹⁾ -062805-DCR-388	2.8	0.61 J	--	1.0 U	0.58 J	1.0 U	1.0 U
12/06/05	⁽¹⁾ -120605-DCR-388	0.99J	1.9	--	3.1 J	1.0 U	--	--
09/12/06	⁽¹⁾ -091206-DR-038	1.0 J	0.5 J	--	0.33 J	1.0 U	--	--
05/08/07	⁽¹⁾ -050807-JY-052	1.5	2.7	1.0 U	4.5	1.0 U	--	--
10/15/07	⁽¹⁾ -101507-DR-095	1.4	0.47 J	1.0 U	0.43 J	1.0 U	--	--
04/21/08	⁽¹⁾ -042108-DR-150	9.1 J	1.5	1.0 U	1.0 U	1.0 U	--	--
10/06/08	⁽¹⁾ -100608-DR-198	7.6 J	1.5	--	2.2	1.0 U	--	--
10/06/08	⁽¹⁾ -100608-DR-199	7.7 J	1.5	--	2.1	1.0 U	--	--
04/06/09	⁽¹⁾ -040609-DR-235	8.2	1.3	--	1.9	1.0 U	--	--
10/06/09	⁽¹⁾ -100609-DR-276	4.1	0.9 J	--	1.1	1.0 U	--	--
*10/6/2009	⁽¹⁾ -100609-DR-277	4.3	1	1.0 U	1.1	1.0 U	--	--
10/11/10	⁽¹⁾ -101110-BW-045	0.89J	0.54J	--	0.51J	1.0 U	--	--
*10/11/2010	⁽¹⁾ -101110-BW-046	0.92J	0.51J	--	0.50J	1.0 U	--	--

DL = The detection limit for this sample and corresponding analysis were elevated due to insufficient sample volume received.

-- Not analyzed

DCE = Dichloroethene

⁽¹⁾ Full sample number includes GW-17360

* Duplicate

General Motors
Grand Rapids Metal Fabrication Plant
Monitoring Well Data Summary/Analytical Data

SITE: C-2
 REVISION: 1/7/2011
 UNITS: ug/L

ELEVATION: top of culvert - 657.02

Date	Sample	PCE	TCE	1,2-DCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
12/21/88	E11602	--	4	4	--	--	--	--
03/17/89	E15515	--	3.9	3.8	--	--	--	--
06/15/89	E21127	--	3	3.7	--	--	--	--
09/22/89	E25728	--	3	4	--	--	--	--
12/21/89	E30995	--	2	4	--	--	--	--
03/16/90	E35828	--	3	5	--	--	--	--
06/19/90	E42022	--	3	4	--	--	--	--
09/14/90	E48226	--	3	5	--	--	--	--
12/17/90	E54820	--	4	5	--	--	--	--
03/11/91	E59918	--	4	<1	--	--	--	--
06/13/91	E67567	--	4	6	--	--	--	--
09/12/91	E72974	--	3	4	--	--	--	--
12/13/91	E07649	--	3	4	--	--	--	--
03/13/92	E15390	--	4	5	--	--	--	--
06/12/92	E23268	--	3.9	8.6	--	--	--	--
09/11/92	E31923	--	3.3	6.8	--	--	--	--
12/10/92	E40328	--	3	3	--	--	--	--
03/11/93	E47629	--	1.8	1.1	--	--	--	--
06/15/93	E56582	--	3.2	4.5	--	--	--	--
09/15/93	E66051	--	4.6	9.8	--	--	--	--
12/17/93	E75749	--	2.8	4.4	--	--	--	--
03/16/94	E81248	--	4.1	7.7	--	--	--	--
06/14/94	E89401	--	1.9	1.9	--	--	--	--
09/14/94	E97449	--	2.3	3.8	--	--	--	--
12/16/94	E106402	--	2.4	3.4	--	--	--	--
03/17/95	E112945	--	3	4.4	--	--	--	--
06/20/95	E120797	--	2.3	3.6	--	--	--	--
09/14/95	E127387	--	1.5	2.7	--	--	--	--
12/18/95	E134968	--	1.9	3.6	--	--	--	--
03/19/96	E139848	--	<1	<1	--	--	--	--
06/13/96	E146847	--	2.8	4.7	--	--	--	--
09/13/96	E154129	--	2.5	4.8	--	--	--	--
12/12/96	E161525	--	2.5	4.2	--	--	--	--
03/13/97	E166221	--	3.1	4.5	--	--	--	--
06/19/97	E172384	--	1.6	4.1	--	--	--	--
09/11/97	E177744	--	2.3	4.2	--	--	--	--
12/16/97	E184908	--	2.1	4.4	--	--	--	--
03/12/98	E190820	--	<1	2.7	--	--	--	--
06/16/98	82953-3405	--	1	2	--	--	--	--

-- = Not analyzed

DCE = Dichloroethene

General Motors
Grand Rapids Metal Fabrication Plant
Monitoring Well Data Summary/Analytical Data

SITE: C-2
 REVISION: 1/7/2011
 UNITS: ug/L

ELEVATION: top of culvert - 657.02

Date	Sample	PCE	TCE	1,2-DCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
09/17/98	84367-8371	--	<1	1	--	--	--	--
12/16/98	85755-2558	--	2	2	--	--	--	--
03/10/99	90995-6097	--	1	2	--	--	--	--
06/15/99	3990294019	--	1.9	2.4	--	--	--	--
09/20/99	3991971013	--	2	2.3	--	--	--	--
12/16/99	3993622016	--	1.8	2.4	--	--	--	--
03/16/00	3001152015	--	1.7	2.4	--	--	--	--
06/13/00	3002633016	--	2	4.2	--	--	--	--
09/22/00	E261228	--	2.5	8.9	--	--	--	--
12/20/00	E268219	--	3.2	7.3	--	--	--	--
03/21/01	E274383	--	2	4.8	--	--	--	--
06/14/01	E281023	--	2.5	5.2	--	--	--	--
09/13/01	E287744	--	2.8	2.8	--	--	--	--
12/19/01	E295716	--	<1	<1	--	--	--	--
03/28/02	⁽¹⁾ -032802-TJ-017	--	2.4	5.2	--	--	--	--
06/27/02	⁽¹⁾ -062702-JB-030	--	1.9	3.9	--	--	--	--
09/26/02	⁽¹⁾ -092602-JB-057	--	2.2	~3.8	--	--	--	--
12/09/02	⁽¹⁾ -120902-JB-081	--	2.0	~4.0	--	--	--	--
03/21/03	⁽¹⁾ -03/21/03-JB-102	--	2.1	--	--	4.5	<1	--
07/14/03	⁽¹⁾ -07/14/03-SP-051	0.89 J	1.6	--	<1	3.5	<1	<1
10/01/03	⁽¹⁾ -100103-JB-081	1.9	1.4	--	<1	5.2	<1	0.70
12/18/03	⁽¹⁾ -121803-JB-109	0.61 J	<1	--	<1	<1	<1	<1
03/15/04	⁽¹⁾ -031504-BW-130	1.6	1.5	--	<1	4	<1	<1
10/06/04	⁽¹⁾ -100604-DCR-279	1.2	1.6	--	<1	3	<1	0.42
12/02/04	⁽¹⁾ -120104-DCR-319	1.7	1.9	--	<1	4.7	<1	0.35
04/05/05	⁽¹⁾ -040505-DCR-343	4.4 J	2.5	--	<1	6.8	0.18 J	0.61 J
06/28/05	⁽¹⁾ -062805-DCR-389	1.3	1.5	--	1.0 U	3.4	1.0 U	0.29 J
12/06/05	⁽¹⁾ -120605-DCR-583	0.26 J	0.30 J	--	1.0 U	1.0 UJ	1.0 U	1.0 U
09/12/06	⁽¹⁾ -091206-DR-039	1.1 J	1.3	--	1.0 U	2.8 J	1.0 U	0.44 J
05/08/07	⁽¹⁾ -050807-JY-053	3.9	1.7	1.0 U	1.0 U	4	1.0 U	0.37 J
10/15/07	⁽¹⁾ -101507-DR-096	1.4	1.4	1.0 U	1.0 U	2.2	1.0 U	0.27 J
04/21/08	⁽¹⁾ -042108-DR-145	1.0 UJ	0.92 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
10/06/08	⁽¹⁾ -100608-DR-187	3.5 J	1.2	--	1.0 U	2.3	1.0 U	0.22 J
04/06/09	⁽¹⁾ -040609-DR-236	2.7	0.96 J	--	1.0 U	2	1.0 U	0.29 J
10/06/09	⁽¹⁾ -100609-DR-278	1.7	1.1	--	1.0 U	1.6	1.0 U	0.24 J
10/11/10	⁽¹⁾ -101110-BW-047	.80J	0.81J	--	1.0 U	1	1.0 U	0.24J

-- = Not analyzed

DCE = Dichloroethene

⁽¹⁾ Full sample number includes GW-17360

General Motors
Grand Rapids Metal Fabrication Plant
Monitoring Well Data Summary/Analytical Data

SITE: C-3
REVISION: 1/7/2011
UNITS: ug/L

Date	Sample	PCE	TCE	1,2-DCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
12/21/88	E11603	--	5	11	--	--	--	--
03/16/89	E15516	--	9.1	16	--	--	--	--
06/15/89	E21128	--	2.6	3.7	--	--	--	--
09/22/89	E25729	--	3	4	--	--	--	--
12/21/89	E30996	--	3	4	--	--	--	--
03/16/90	E35829	--	2	8	--	--	--	--
06/19/90	E42023	--	2	6	--	--	--	--
09/14/90	E48227	--	2	4	--	--	--	--
12/17/90	E54821	--	5	9	--	--	--	--
03/11/91	E59919	--	5	<1	--	--	--	--
06/13/91	E67568	--	4	4	--	--	--	--
09/12/91	E72975	--	4	6	--	--	--	--
12/13/91	E07650	--	3	11	--	--	--	--
03/13/92	E15392	--	3	6	--	--	--	--
06/12/92	E23264	--	3.2	4.6	--	--	--	--
09/11/92	E31919	--	3	3.3	--	--	--	--
12/11/92	E40329	--	3	4	--	--	--	--
03/11/93	E47633	--	1.8	1.3	--	--	--	--
06/15/93	E56580	--	2.9	12	--	--	--	--
09/15/93	E66048	--	3.7	4.1	--	--	--	--
12/17/93	E75747	--	3	5.2	--	--	--	--
03/16/94	E81245	--	3.3	4.4	--	--	--	--
06/14/94	E89397	--	1.7	2.3	--	--	--	--
09/14/94	E97447	--	1.5	2.8	--	--	--	--
12/16/94	E106401	--	2	2.1	--	--	--	--
03/17/95	E112946	--	3.3	6.3	--	--	--	--
06/20/95	E120799	--	2.9	4.4	--	--	--	--
09/14/95	E127386	--	1.8	2.4	--	--	--	--
12/18/95	E134969	--	2.8	4.2	--	--	--	--
03/19/96	E139850	--	2.8	4.8	--	--	--	--
06/13/96	E146852	--	3.9	8.3	--	--	--	--
09/13/96	E154133	--	3.5	5.5	--	--	--	--
12/12/96	E161529	--	4.2	4.3	--	--	--	--
03/13/97	E166223	--	4.1	7.5	--	--	--	--
06/19/97	E172389	--	2.1	5.7	--	--	--	--
09/11/97	E177750	--	3	4.9	--	--	--	--
12/16/97	E184912	--	2.8	4.3	--	--	--	--
03/13/98	E190825	--	2.4	6	--	--	--	--
06/16/98	82953-3409	--	1	2	--	--	--	--
09/17/98	84367-8375	--	1	2	--	--	--	--
12/16/98	85755-2530	--	2	2	--	--	--	--
03/10/99	90995-6107	--	3	3	--	--	--	--
06/15/99	3990294023	--	2.1	3.3	--	--	--	--
09/20/99	3991971019	--	1.8	2.6	--	--	--	--
12/16/99	3993622021	--	1.1	1.6	--	--	--	--

-- = Not analyzed

DCE = Dichloroethene

General Motors
Grand Rapids Metal Fabrication Plant
Monitoring Well Data Summary/Analytical Data

SITE: C-3
REVISION: 1/7/2011
UNITS: ug/L

Date	Sample	PCE	TCE	1,2-DCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
03/16/00	3001152018	--	1.2	1.8	--	--	--	--
06/13/00	3002633019	--	2.4	5	--	--	--	--
09/22/00	E261229	--	2.6	7.8	--	--	--	--
12/20/00	E268223	--	4	11	--	--	--	--
03/21/01	E274388	--	2.9	9.7	--	--	--	--
06/14/01	E281025	--	3.9	9.5	--	--	--	--
09/13/01	E287747	--	4.2	5.2	--	--	--	--
12/19/01	E295719	--	<1	<1	--	--	--	--
03/28/02	⁽¹⁾ -032802-TJ-016	--	3.8	9.8	--	--	--	--
06/27/02	⁽¹⁾ -062702-JB-029	--	2.3	6.2	--	--	--	--
09/26/02	⁽¹⁾ -092602-JB-058	--	2.8	~6.5	--	--	--	--
12/9/2002	⁽¹⁾ -120902-JB-085	--	2.4	~6.6	--	--	--	--
3/21/2003	⁽¹⁾ -032103-JB-105	--	2.5	--	--	7.9	<1	--
7/14/2003	⁽¹⁾ -071403-SP-052	2.3	1.6	--	<1	7.4	<1	1.1
10/1/2003	⁽¹⁾ -100103-JB-082	1.9	1.5	--	<1	5.3	<1	0.79
12/18/2003	⁽¹⁾ -121803-JB-107	0.60 J	<1	--	<1	<1	<1	<1
3/15/2004	⁽¹⁾ -031504-BW-128	1.0 U	<1	--	<1	<1	<1	<1
10/6/2004	⁽¹⁾ -100604-DCR-280	2..3	1.3	--	<1	4.2	<1	1.0
12/2/2004	⁽¹⁾ -120204-DCR-320	3.0	1.8	--	<1	6.3	<1	0.58
04/05/05	⁽¹⁾ -040505-DCR-344	7.2 J	2.4	--	<1	9.4	0.23 J	0.99 J
06/29/05	⁽¹⁾ -062905-DCR-391	3.4	2	--	1.0 U	7.4	0.17 J	0.94 J
12/06/05	⁽¹⁾ -120605-DCR-578	2.7	1.8	--	1.0 U	4.4 J	1.0 U	0.55 J
09/12/06	⁽¹⁾ -091206-DR-040	2.6 J	1.6	--	1.0 U	4.6 J	1.0 U	1
5/8/2007	⁽¹⁾ -050807-JY-054	8.6	2.5	1.0 U	1.0 U	7	1.0 U	0.92 J
10/15/2007	⁽¹⁾ -101507-DR-097	3.7	1.6	1.0 U	1.0 U	3.5	1.0 U	0.57 J
4/21/2008	⁽¹⁾ -042108-DR-140	4.5 J	1.1	1.0 U	1.0 U	3	1.0 U	0.46 J
10/6/2008	⁽¹⁾ -100608-DR-192	7.2 J	2	--	1.0 U	4.3	1.0 U	0.53 J
4/6/2009	⁽¹⁾ -040609-DR-237	6.1	1.3	--	1.0 U	3.4	1.0 U	0.57 J
10/6/2009	⁽¹⁾ -100609-DR-2279	4.6	1.3	--	1.0 U	2.6	1.0 U	0.62 J
10/11/2010	⁽¹⁾ -101110-BW-048	0.75J	0.74J	--	1.0 U	1.1	1.0 U	0.31J

-- = Not analyzed

DCE = Dichloroethene

⁽¹⁾ Full sample number includes GW-17360

General Motors
Grand Rapids Metal Fabrication Plant
Monitoring Well Data Summary/Analytical Data

SITE: MW1-03
REVISION: 1/7/2011
UNITS: ug/L

ELEVATION: top of casing -
DEPTH: screen - 30 to 35

Date	Sample	PCE	TCE	1,2-DCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
07/14/03	⁽¹⁾ -071403-SP-045	72	1.6	--	<2	2.7	<2	<2
10/03/03	⁽¹⁾ -100303-JB-091	83	1.7	--	<3.3	2.6	<3.3	<3.3
12/18/03	⁽¹⁾ -121803-JB-118	86	1.4	--	<3.3	0.91	<3.3	<3.3
03/16/04	⁽¹⁾ -031604-BW-145	110	1.1	--	<4	<4	<4	<4
10/05/04	⁽¹⁾ -100504-DCR-260	190	<8.3	--	<8.3	<8.3	<8.3	<8.3
12/03/04	⁽¹⁾ -120304-DCR-324	110	1.9	--	< 5.0	3.0	< 5.0	< 5.0
04/06/05	⁽¹⁾ -040605-DCR-364	140	3.5 J	--	< 5.0	< 5.0	< 5.0	< 5.0
06/28/05	⁽¹⁾ -062805-DCR-383	68	1.2 J	--	3.3 U	3.3 U	3.3 U	3.3 U
12/04/05	⁽¹⁾ -120405-DCR-560	180	2.7 J	--	6.7 U	5.8 J	6.7 U	6.7 U
09/12/06	⁽¹⁾ -091206-DR-034	62 J	3.3	--	2.0 U	3.9 J	2.0 U	2.0 U
05/09/07	⁽¹⁾ -050907-JY-082	280	5.8 J	8.7 U	8.7 U	13	8.7 U	8.7 U
10/16/07	⁽¹⁾ -101607-DR-123	320	7.1 J	10 U	10 U	15	10 U	10 U
04/22/08	⁽¹⁾ -042208-DR-172	310 J	7.6 J	10 U	10 U	3.7 J	10 U	10 U
10/08/08	⁽¹⁾ -100808-DR-228	340	7.0 J	--	10 U	7.1 J	10 U	10 U
04/07/09	⁽¹⁾ -040709-DR-259	380 J	7.3 J	--	11 U	3 J	11 U	11 U
10/06/09	⁽¹⁾ -100609-DR-289	480	7 J	--	17 U	17 U	17 U	17 U
10/12/10	⁽¹⁾ -101210-BW-086	320	3.3 J	--	11U	11U	11U	11U

-- = Not analyzed

DCE = Dichloroethene

⁽¹⁾ Full sample number includes GW-17360

**General Motors
Grand Rapids Metal Fabrication Plant
Monitoring Well Data Summary/Analytical Data**

SITE: MW2-03 **ELEVATION:** top of casing -
REVISION: 1/7/2011 **DEPTH:** screen - 22 to 27
UNITS: ug/L

Date	Sample	PCE	TCE	1,2-DCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
07/14/03	⁽¹⁾ -071403-SP-044	14	<1	--	<1	<1	<1	<1
10/03/03	⁽¹⁾ -100303-JB-092	13	<1	--	<1	<1	<1	<1
12/18/03	⁽¹⁾ -121803-JB-117	7.2	<1	--	<1	<1	<1	<1
03/16/04	⁽¹⁾ -031604-BW-146	8.8	<2	--	<1	<1	<1	<1
10/05/04	⁽¹⁾ -100504-DCR-261	11	0.65	--	<1	1.2	<1	<1
12/03/04	⁽¹⁾ -120304-DCR-323	13	1.2	--	<1	0.74	<1	<1
04/07/05	⁽¹⁾ -040705-DCR-368	12	<1	--	<1	<1	<1	<1
06/29/05	⁽¹⁾ -062905-DCR-399	16	0.46 J	--	1.0 U	0.21 J	1.0 U	1.0 UJ
12/06/05	⁽¹⁾ -120605-DCR-573	15	1.4 J	--	1.0 U	0.85 J	1.0 U	1.0 UJ
09/12/06	⁽¹⁾ 091206-JY-033	10 J	0.49 J	--	1.0 U	1.0 U	1.0 U	1.0 U
05/09/07	⁽¹⁾ 050907-JY-080	10	0.34 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
10/16/07	⁽¹⁾ 101607-DR-124	8.2	0.28 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
04/22/08	⁽¹⁾ 042208-DR-171	7.3	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
10/08/08	⁽¹⁾ 100808-DR-226	8.6	0.44 J	--	1.0 U	1.0 U	1.0 U	1.0 U
*10/8/2008	⁽¹⁾ 100808-DR-227	8	0.42 J	--	1.0 U	1.0 U	1.0 U	1.0 U
04/08/09	⁽¹⁾ 040809-DR-274	9.1	0.29 J	--	1.0 U	1.0 U	1.0 U	1.0 U
10/06/09	⁽¹⁾ 100609-DR-288	9.3	1.0 U	--	1.0 U	1.0 U	1.0 U	1.0 U
10/13/10	⁽¹⁾ 101310-BW-089	7.3	1.0 U	--	1.0 U	1.0 U	1.0 U	1.0 U

-- = Not analyzed

DCE = Dichloroethene

⁽¹⁾ Full sample number includes GW-17360

*Dupliate

General Motors
Grand Rapids Metal Fabrication Plant
Monitoring Well Data Summary/Analytical Data

SITE: MW3-03
REVISION: 1/7/2011
UNITS: ug/L

ELEVATION: top of casing -
DEPTH: screen - 25 to 30

Date	Sample	PCE	TCE	1,2-DCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
07/15/03	⁽¹⁾ -071503-SP-065	0.85 J	<1	--	<1	<1	<1	<1
10/03/03	⁽¹⁾ -100303-JB-093	0.90 J	<1	--	<1	<1	<1	<1
12/18/03	⁽¹⁾ -121803-JB-119	0.78 J	<1	--	<1	<1	<1	<1
03/16/04	⁽¹⁾ -031604-BW-144	0.87 J	<2	--	<1	<1	<1	<1
10/05/04	⁽¹⁾ -100504-DCR-262	1.0	<1	--	<1	<1	<1	<1
12/03/04	⁽¹⁾ -120304-DCR-325	1.2	<1	--	<1	<1	<1	<1
04/07/05	⁽¹⁾ -040705-DCR-369	1.1	<1	--	<1	<1	<1	<1
06/29/05	⁽¹⁾ -062905-DCR-397	1.0	1.0 U	--	1.0 U	1.0 U	1.0 U	1.0 UJ
06/29/05	⁽¹⁾ -062905-DCR-398	0.96 J	1.0 U	--	1.0 U	1.0 U	1.0 U	1.0 UJ
12/06/05	⁽¹⁾ -120605-DCR-579	0.84J	1.0 U	--	1.0 U	1.0 UJ	1.0 U	1.0 U
09/12/06	⁽¹⁾ -091206-JY-035	0.75 J	1.0 U	--	1.0 U	1.0 U	1.0 U	1.0 U
05/09/07	⁽¹⁾ -050907-JY-083	0.73 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
10/16/07	⁽¹⁾ -101607-DR-119	0.73 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
04/22/08	⁽¹⁾ -042208-DR-162	0.76 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
10/07/08	⁽¹⁾ -100708-DR-212	0.74 J	1.0 U	--	1.0 U	1.0 U	1.0 U	1.0 U
04/07/09	⁽¹⁾ -040709-DR-258	1	1.0 U	--	1.0 U	1.0 U	1.0 U	1.0 U
10/07/09	⁽¹⁾ -100709-DR-302	1.2	1.0 U	--	1.0 U	1.0 U	1.0 U	1.0 U
10/13/10	⁽¹⁾ -101310-BW-090	1.7	1.5	--	1.0 U	0.88J	1.0 U	1.0 U

-- = Not analyzed

DCE = Dichloroethene

⁽¹⁾ Full sample number includes GW-17360

General Motors
Grand Rapids Metal Fabrication Plant
Monitoring Well Data Summary/Analytical Data

SITE: MW4-03
REVISION: 1/7/2011
UNITS: ug/L

ELEVATION: top of casing -
DEPTH: screen - 52 to 57

Date	Sample	PCE	TCE	1,2-DCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
07/14/03	⁽¹⁾ -071403-SP-043	0.58 J	2	--	<1	<1	<1	<1
10/09/03	⁽¹⁾ -100903-JB-089	1.0 U	0.28	--	<1	<1	<1	<1
12/18/03	⁽¹⁾ -121803-JB-106	0.78 J	1.2	--	<1	<1	<1	<1
03/15/04	⁽¹⁾ -031504-BW-127	0.84 J	1.1	--	<1	<1	<1	<1
10/05/04	⁽¹⁾ -100504-DCR-251	0.89 J	2.4	--	0.48	1.1	0.42	<1
12/01/04	⁽¹⁾ -120104-DCR-287	1.1	5.7	--	0.81	2.6	0.42	<2
04/05/05	⁽¹⁾ -040505-DCR-337	1.2 J	3.9	--	0.50 J	1.3	0.55 J	0.27 J
06/27/05	⁽¹⁾ -062705-DCR-375	0.99 J	4.9	--	0.55 J	1.4	0.58 J	1.0 U
12/03/05	⁽¹⁾ -120305-DCR-552	0.89 J	14	--	0.84 J	2.0 J	1.0	0.26 J
09/12/06	⁽¹⁾ -091206-JY-025	0.95 J	13	--	0.4 J	0.56 J	0.35 J	1.0 UJ
05/09/07	⁽¹⁾ -050907-JY-071	0.91 J	14	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
10/16/07	⁽¹⁾ -101607-DR-110	0.78 J	6.9	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
04/22/08	⁽¹⁾ -042208-DR-153	0.83 J	7.2	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
10/07/08	⁽¹⁾ -100708-DR-200	0.61 J	2.5	--	1.0 U	1.0 U	1.0 U	1.0 U
04/07/09	⁽¹⁾ -040709-DR-249	0.62 J	0.96 J	--	1.0 U	1.0 U	1.0 U	1.0 U
10/08/09	⁽¹⁾ -100809-DR-315	0.62 J	0.56 J	--	1.0 U	1.0 U	1.0 U	1.0 U
10/11/10	⁽¹⁾ -101110-BW-052	1.0 U	0.67J	--	1.0 U	1.0 U	1.0 U	1.0 U

-- = Not analyzed

DCE = Dichloroethene

⁽¹⁾ Full sample number includes GW-17360

General Motors
Grand Rapids Metal Fabrication Plant
Monitoring Well Data Summary/Analytical Data

SITE: MW5-03 **ELEVATION:** top of casing -
REVISION: 1/7/2011 **DEPTH:** screen - 30 to 35
UNITS: ug/L

Date	Sample	PCE	TCE	1,2-DCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE
07/14/03	⁽¹⁾ -071403-SP-042	0.55 J	7.4	--	<1	<1	<1
10/09/03	⁽¹⁾ -100903-JB-090	0.38 J	6.2	--	<1	<1	<1
12/18/03	⁽¹⁾ -121803-JB-115	0.70 J	9.8	--	<1	0.41	<1
03/15/04	⁽¹⁾ -031504-BW-123	0.60 J	6.8	--	<1	<1	<1
10/04/04	⁽¹⁾ -100404-DCR-245	0.50 J	5.7	--	<1	0.22	<1
11/30/04	⁽¹⁾ -113004-DCR-286	0.62 J	6.5	--	<1	0.4	<1
04/04/05	⁽¹⁾ -040405-DCR-335	0.70 J	6.9	--	0.24 J	1.2	0.36 J
06/29/05	⁽¹⁾ -062905-DCR-394	0.49 J	4.8	--	1.0 U	0.61 J	0.16 J
12/06/05	⁽¹⁾ -120605-DCR-577	0.61 J	5.9	--	1.0 U	0.57 J	0.17 J
09/11/06	⁽¹⁾ -091106-JY-018	0.55 J	3.6	--	1.0 U	0.78 J	0.23 J
05/08/07	⁽¹⁾ -050807-JY-63	0.48 J	3.3	1.0 U	1.0 U	1.0 U	1.0 U
10/15/07	⁽¹⁾ -101507-DR-108	0.6 J	3.1	1.0 U	1.0 U	1.0 U	1.0 U
04/21/08	⁽¹⁾ -042108-DR-142	0.61 J	2.7	1.0 U	1.0 U	1.0 U	1.0 U
10/06/08	⁽¹⁾ -100608-DR-191	0.5 J	1.6	--	1.0 U	1.0 U	1.0 U
04/07/09	⁽¹⁾ -040709-DR-245	0.6 J	1.7	--	1.0 U	1.0 U	1.0 U
10/08/09	⁽¹⁾ -100809-DR-314	0.49 J	1.2	--	1.0 U	1.0 U	1.0 U
10/11/10	⁽¹⁾ -101110-BW-049	0.44J	0.70J	--	1.0 U	1.0 U	1.0 U

-- = Not analyzed

DCE = Dichloroethene

⁽¹⁾ Full sample number includes GW-17360

Vinyl Chloride

<1
<1
<1
<1
<1
<1
<1
1.0 UJ
1.0 U
1.0 U
1.0 U
1.0 U
1.0 U
1.0 U
1.0 U
1.0 U
1.0 U
1.0 U

General Motors
Grand Rapids Metal Fabrication Plant
Monitoring Well Data Summary/Analytical Data

SITE: MW6-03
REVISION: 1/7/2011
UNITS: ug/L

ELEVATION: top of casing -
DEPTH: screen - 13 to 18

Date	Sample	PCE	TCE	1,2-DCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE
07/14/03	⁽¹⁾ -071403-SP-041	1.0 U	<1	--	<1	<1	<1
10/02/03	⁽¹⁾ -100203-JB-088	0.41 J	<1	--	<1	<1	<1
12/18/03	⁽¹⁾ -121803-JB-111	0.16 J	1.2	--	<1	<1	<1
03/15/04	⁽¹⁾ -031504-BW-121	1.0 U	<1	--	<1	<1	<1
10/04/04	⁽¹⁾ -100404-DCR-243	1.0 U	0.5	--	<1	<1	<1
11/30/04	⁽¹⁾ -113004-DCR-282	1.0 U	0.58	--	<1	<1	<1
*11/30/04	⁽¹⁾ -113004-DCR-282	1.0 U	0.59	--	<1	<1	<1
04/04/05	⁽¹⁾ -040405-DCR-332	1.0 U	0.57 J	--	<1	<1	<1
06/27/05	⁽¹⁾ -062705-DCR-372	1.0 U	0.42 J	--	1.0 U	1.0 U	1.0 U
06/27/05	⁽¹⁾ -062705-DCR-373	1.0 U	0.45 J	--	1.0 U	1.0 U	1.0 U
12/02/05	⁽¹⁾ -120205-DCR-505	1.0 UJ	0.34 J	--	1.0 U	1.0 UJ	1.0 U
09/11/06	⁽¹⁾ -091106-JY-015	1.0 UJ	0.38 J	--	1.0 U	1.0 U	1.0 U
05/08/07	⁽¹⁾ -050807-JY-061	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
10/15/07	⁽¹⁾ -101507-DR-104	1.0 U	0.31 J	1.0 U	1.0 U	1.0 U	1.0 U
10/06/08	⁽¹⁾ -100608-DR-189	1.0 UJ	1.0 U	--	1.0 U	1.0 U	1.0 U
04/07/09	⁽¹⁾ -040709-DR-242	1.0 U	1.0 U	--	1.0 U	1.0 U	1.0 U
10/08/09	⁽¹⁾ -100809-DR-311	1.0 U	1.0 U	--	1.0 U	1.0 U	1.0 U
10/11/10	⁽¹⁾ -1011/10-BW-056	1.0 U	1.0 U	--	1.0 U	1.0 U	1.0 U

-- = Not analyzed

DCE = Dichloroethene

⁽¹⁾ Full sample number includes GW-17360

Vinyl Chloride

<1
<1
<1
<1
<1
<1
<1
<1
1.0 U
1.0 U
1.0 U
1.0 U
1.0 U
1.0 U
1.0 U
1.0 U
1.0 U
1.0 U
1.0 U

General Motors
Grand Rapids Metal Fabrication Plant
Monitoring Well Data Summary/Analytical Data

SITE: MW7-03
REVISION: 1/7/2011
UNITS: ug/L

ELEVATION: top of casing -
DEPTH: screen - 36 to 41

Date	Sample	PCE	TCE	1,2-DCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
07/15/03	⁽¹⁾ -071503-SP-041	1.0 U	0.54	--	<1	<1	<1	<1
09/30/03	⁽¹⁾ -093003-JB-071	1.0 U	0.37	--	<1	<1	<1	<1
12/17/03	⁽¹⁾ -121703-JB-102	1.0 U	0.9	--	<1	<1	<1	<1
03/16/04	⁽¹⁾ -031604-BW-135	1.0 U	<1	--	<1	<1	<1	<1
*03/16/04	⁽¹⁾ -031604-BW-136	1.0 U	<1	--	<1	<1	<1	<1
10/05/04	⁽¹⁾ -100504-DCR-254	1.0 U	0.74	--	<1	<1	<1	<1
12/01/04	⁽¹⁾ -120104-DCR-302	1.0 U	0.78	--	<1	<1	<1	<1
04/05/05	⁽¹⁾ -040505-DCR-339	1.0 UJ	0.75 J	--	0.19 J	0.80 J	<1	<1
06/28/05	⁽¹⁾ -062805-DCR-377	1.0 U	0.75 J	--	1.0 U	1.0 U	1.0 U	1.0 U
12/04/05	⁽¹⁾ -120405-DCR-556	1.0 UJ	0.60 J	--	1.0 U	1.0 UJ	1.0 U	1.0 U
09/12/06	⁽¹⁾ -091206-JY-027	1.0 UJ	0.79 J	--	1.0 U	1.0 U	1.0 U	1.0 U
05/09/07	⁽¹⁾ -050907-JY-075	1.0 U	0.71 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
10/16/07	⁽¹⁾ -101607-DR-125	1.0 U	0.68 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
04/23/08	⁽¹⁾ -042308-DR-181	1.0 U	1.1	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
10/07/08	⁽¹⁾ -100708-DR-205	1.0 U	0.88 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
04/07/09	⁽¹⁾ -040709-DR-254	1.0 U	0.92 J	--	1.0 U	1.0 U	1.0 U	1.0 U
10/06/09	⁽¹⁾ -100609-DR-285	1.0 U	0.66 J	--	1.0 U	1.0 U	1.0 U	1.0 U
10/12/10	⁽¹⁾ -101210-BW-070	1.0 U	0.79J	--	1.0 U	1.0 U	1.0 U	1.0 U

-- = Not analyzed

DCE = Dichloroethene

⁽¹⁾Full sample number includes GW-17360

General Motors
Grand Rapids Metal Fabrication Plant
Monitoring Well Data Summary/Analytical Data

SITE: MW8-04 **ELEVATION:** top of casing -
REVISION: 1/7/2011 **DEPTH:** screen - 30 to 35
UNITS: ug/L

Date	Sample	PCE	TCE	1,2-DCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
10/04/04	⁽¹⁾ -100404-DCR-244	0.33 J	2.9	--	<1	0.22	<1	<1
11/30/04	⁽¹⁾ -113004-DCR-285	0.45 J	3.1	--	<1	0.52	<1	<1
04/04/05	⁽¹⁾ -040405-DCR-334	0.42 J	2.9	--	<1	0.80 J	0.19 J	<1
06/27/05	⁽¹⁾ -062705-DCR-374	0.39 J	1.8	--	1.0 U	0.30 J	1.0 U	1.0 U
12/03/05	⁽¹⁾ -120305-DCR-551	0.35 J	1.6	--	1.0 U	0.26 J	1.0 U	1.0 U
09/11/06	⁽¹⁾ -091106-JY-019	0.42 J	1.6	--	1.0 U	1.0 U	1.0 U	1.0 U
05/08/07	⁽¹⁾ -050807-JY-062	0.27 J	0.89 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
10/15/07	⁽¹⁾ -101507-DR-106	0.39 J	0.91 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
04/21/08	⁽¹⁾ -042108-DR-143	0.34 J	0.64 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
10/06/08	⁽¹⁾ -100608-DR-190	1.0 UJ	0.55 J	--	1.0 U	1.0 U	1.0 U	1.0 U
04/07/09	⁽¹⁾ -040709-DR-244	1.0 U	0.55 J	--	1.0 U	1.0 U	1.0 U	1.0 U
10/08/09	⁽¹⁾ -100809-DR-313	1.0 U	0.39 J	--	1.0 U	1.0 U	1.0 U	1.0 U
10/11/10	⁽¹⁾ -101110-BW-050	0.31J	1.0 U	--	1.0 U	1.0 U	1.0 U	1.0 U

-- = Not analyzed

DCE = Dichloroethene

⁽¹⁾ Full sample number includes GW-17360

General Motors
Grand Rapids Metal Fabrication Plant
Monitoring Well Data Summary/Analytical Data

SITE: MW9-04
REVISION: 1/7/2011
UNITS: ug/L

ELEVATION: top of casing -
DEPTH: screen - 43 to 48

Date	Sample	PCE	TCE	1,2-DCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
10/05/04	⁽¹⁾ -100504-DCR-250	0.49 J	2.4	--	0.30	0.88	0.20	<1
12/01/04	⁽¹⁾ -120104-DCR-294	0.69 J	4	--	0.36	1.6	0.48	<1
04/05/05	⁽¹⁾ -040505-DCR-347	0.65 J	3.1	--	<1	0.23 J	<1	<1
06/29/05	⁽¹⁾ -062905-DCR-395	0.54 J	1.8	--	1.0 U	1.0 U	1.0 U	1.0 UJ
12/06/05	⁽¹⁾ -120605-DCR-574	0.60 J	2.8	--	0.33 J	1.4 J	0.41 J	1.0 U
09/12/06	⁽¹⁾ -091206-DR-024	0.52 J	2.8	--	1.0 U	1.0 U	1.0 U	1.0 U
05/09/07	⁽¹⁾ -050907-JY-072	0.47 J	0.72 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
10/16/07	⁽¹⁾ -101607-DR-109	0.58 J	0.97 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
04/22/08	⁽¹⁾ -042208-DR-152	0.52 J	1.4	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
10/06/08	⁽¹⁾ -100608-DR-196	0.44 J	0.73 J	--	1.0 U	1.0 U	1.0 U	1.0 U
04/07/09	⁽¹⁾ -040709-DR-247	0.48 J	0.63 J	--	1.0 U	1.0 U	1.0 U	1.0 U
*4/7/2009	⁽¹⁾ -040709-DR-248	0.46 J	0.62 J	--	1.0 U	1.0 U	1.0 U	1.0 U
10/08/09	⁽¹⁾ -100809-DR-312	0.38 J	0.41 J	--	1.0 U	1.0 U	1.0 U	1.0 U
10/11/10	⁽¹⁾ -101110-BW-051	0.37J	0.37J	--	1.0 U	1.0 U	1.0 U	1.0 U

-- = Not analyzed

DCE = Dichloroethene

*Dupliate

⁽¹⁾ Full sample number includes GW-17360

General Motors
Grand Rapids Metal Fabrication Plant
Monitoring Well Data Summary/Analytical Data

SITE: MW10-04 **ELEVATION:** top of casing -
REVISION: 1/7/2011 **DEPTH:** screen - 33 to 38
UNITS: ug/L

Date	Sample	PCE	TCE	1,2-DCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
10/05/04	⁽¹⁾ -100504-DCR-249	1.0 U	12	--	0.59	<1	<1	<1
12/01/04	⁽¹⁾ -120104-DCR-289	1.0 U	12	--	0.39	<1	<1	<1
04/05/05	⁽¹⁾ -040505-DCR-338	1.0 UJ	7.9	--	0.58 J	<1	<1	<1
06/28/05	⁽¹⁾ -062805-DCR-376	1.0 U	6.3	--	0.46 J	1.0 U	1.0 U	1.0 U
12/03/05	⁽¹⁾ -120305-DCR-553	1.0 UJ	4.7	--	0.39 J	1.0 UJ	1.0 U	1.0 U
09/12/06	⁽¹⁾ -091206-JY-021	1.0 UJ	5.1	--	0.25 J	1.0 U	1.0 U	1.0 U
05/09/07	⁽¹⁾ -050907-JY-070	1.0 U	1.2	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
10/16/07	⁽¹⁾ -101607-DR-111	1.0 U	1.5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
04/22/08	⁽¹⁾ -042208-DR-156	1.0 UJ	1.3	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
10/07/08	⁽¹⁾ -100708-DR-201	1.0 UJ	1.4	--	1.0 U	1.0 U	1.0 U	1.0 U
04/07/08	⁽¹⁾ -040709-DR-250	1.0 U	1.3	--	1.0 U	1.0 U	1.0 U	1.0 U
10/08/09	⁽¹⁾ -100809-DR-318	1.0 U	1.5	--	1.0 U	1.0 U	1.0 U	1.0 U
*10/8/09	⁽¹⁾ -100809-DR-319	1.0 U	1.5	--	1.0 U	1.0 U	1.0 U	1.0 U
10/11/10	⁽¹⁾ -101110-BW-061	1.0 U	1.8	--	1.0 U	2.5	0.50J	1.0 U

-- = Not analyzed

DCE = Dichloroethene

⁽¹⁾ Full sample number includes GW-17360

General Motors
Grand Rapids Metal Fabrication Plant
Monitoring Well Data Summary/Analytical Data

SITE: MW11D-04
REVISION: 1/7/2011
UNITS: ug/L

ELEVATION: top of casing -
DEPTH: screen - 40 to 45

Date	Sample	PCE	TCE	1,2-DCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
10/05/04	⁽¹⁾ -100504-DCR-248	28	43	--	<1	70	6.2	<1
12/01/04	⁽¹⁾ -120104-DCR-291	34	39	--	<5	150	6.8	<5
*12/01/04	⁽¹⁾ -120104-DCR-293	34	37	--	<5	150	6.5	<5
04/05/05	⁽¹⁾ -040505-DCR-348	15 J	25	--	<1	23	3	<1
06/29/05	⁽¹⁾ -062905-DCR-396	9.8	12	--	1.0 U	4.7	0.70 J	1.0 UJ
12/06/05	⁽¹⁾ -120605-DCR-580	18	32	--	1.0 U	78 J	4.6	1.0 U
09/12/06	⁽¹⁾ -091206-JY-023	7.3 J	7.4	--	1.0 U	2	0.28 J	1.0 U
05/09/07	⁽¹⁾ -050907-JY-068	1.2	2.8	1.0 U	1.0 U	0.28 J	1.0 U	1.0 U
10/16/07	⁽¹⁾ 101607-DR-113	1.2	4.1	1.0 U	1.0 U	0.34 J	1.0 U	1.0 U
04/22/08	⁽¹⁾ -042208-DR-154	1.8 J	2.7	1.0 U	1.0 U	2.4	0.35 J	1.0 U
10/07/08	⁽¹⁾ -100708-DR-203	0.79 J	1.9	--	1.0 U	1.0 U	1.0 U	1.0 U
04/07/09	⁽¹⁾ -040709-DR-252	0.54 J	2.4	--	1.0 U	1.0 U	1.0 U	1.0 U
10/08/09	⁽¹⁾ -100809-DR-316	0.48 J	2.1	--	1.0 U	1.0 U	1.0 U	1.0 U
10/11/10	⁽¹⁾ -101110-BW-063	0.36J	1.4	--	1.0 U	1.0 U	1.0 U	1.0 U

-- = Not analyzed

DCE = Dichloroethene

⁽¹⁾ Full sample number includes GW-17360

SITE: MW11S-05
 REVISION: 1/7/2011
 UNITS: ug/L

ELEVATION: top of casing -
 DEPTH: screen -

Date	Sample	PCE	TCE	1,2-DCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
09/12/06	⁽¹⁾ -091206-JY-022	1.0 UJ	0.47 J	--	1.0 U	1.0 U	1.0 U	1.0 U
05/09/07	⁽¹⁾ -050907-JY-069	1.0 U	0.29 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
10/16/07	⁽¹⁾ -101607-DR-114	1.0 U	0.45 J	1.0 U	0.21 J	1.0 U	1.0 U	1.0 U
04/22/08	⁽¹⁾ -042208-DR-155	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
10/07/08	⁽¹⁾ -100708-DR-202	1.0 UJ	0.36 J	--	1.0 U	1.0 U	1.0 U	1.0 U
04/07/09	⁽¹⁾ -040709-DR-251	1.0 U	0.58 J	--	1.0 U	1.0 U	1.0 U	1.0 U
10/08/09	⁽¹⁾ -100809-DR-317	1.0 U	0.49 J	--	1.0 U	1.0 U	1.0 U	1.0 U
10/11/10	⁽¹⁾ -101110-BW-062	1.0 U	0.38 J	--	1.0 U	1.0 U	1.0 U	1.0 U

-- = Not analyzed

DCE = Dichloroethene

⁽¹⁾ Full sample number includes GW-17360

**General Motors
Grand Rapids Metal Fabrication Plant
Monitoring Well Data Summary/Analytical Data**

SITE: MW13-04
REVISION: 1/7/2011
UNITS: ug/L

ELEVATION: top of casing -
DEPTH: screen - 25 to 30

Date	Sample	PCE	TCE	1,2-DCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
10/05/04	⁽¹⁾ -100504-DCR-264	1.0 U	<1	--	<1	<1	<1	<1
12/02/04	⁽¹⁾ -120204-DCR-315	1.0 U	<1	--	<1	<1	<1	<1
04/06/05	⁽¹⁾ -040605-DCR-356	1.0 U	<1	--	<1	<1	<1	<1
06/28/05	⁽¹⁾ -062805-DCR-386	1.0 U	1.0 U	--	1.0 U	1.0 U	1.0 U	1.0 U
12/05/05	⁽¹⁾ -120505-DCR-564	1.0 UJ	1.0 U	--	1.0 UJ	1.0 U	1.0 U	1.0 U
09/12/06	⁽¹⁾ -091206-JY-037	1.0 UJ	1.0 U	--	1.0 U	1.0 UJ	1.0 U	1.0 U
05/10/07	⁽¹⁾ -051007-JY-084	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
10/06/07	⁽¹⁾ -101607-DR-127	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
04/23/08	⁽¹⁾ -042308-DR-173	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
10/08/08	⁽¹⁾ -100808-DR-224	1.0 U	1.0 U	--	1.0 U	1.0 U	1.0 U	1.0 U
04/08/09	⁽¹⁾ -040809-DR-268	1.0 U	1.0 U	--	1.0 U	1.0 U	1.0 U	1.0 U
10/07/09	⁽¹⁾ -100709-DR-295	1.0 U	1.0 U	--	1.0 U	1.0 U	1.0 U	1.0 U
10/12/10	⁽¹⁾ -101210-BW-084	1.0 U	1.0 U	--	1.0 U	1.0 U	1.0 U	1.0 U

-- = Not analyzed

DCE = Dichloroethene

⁽¹⁾Full sample number includes GW-17360

General Motors
Grand Rapids Metal Fabrication Plant
Monitoring Well Data Summary/Analytical Data

SITE: MW14-04
 REVISION: 1/7/2011
 UNITS: ug/L

ELEVATION: top of casing -
 DEPTH: screen - 45 to 50

Date	Sample	PCE	TCE	1,2-DCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
10/06/04	⁽¹⁾ -100604-DCR-274	1.0 U	0.34	--	<1	<1	<1	<1
*10/06/04	⁽¹⁾ -100604-DCR-275	1.0 U	0.31	--	0.25	<1	<1	<1
12/02/04	⁽¹⁾ -120204-DCR-309	1.0 U	0.30	--	<1	<1	<1	<1
04/06/05	⁽¹⁾ -040605-DCR-360	1.0 U	0.40 J	--	<1	<1	<1	<1
06/28/05	⁽¹⁾ -062805-DCR-385	1.0 U	0.31 J	--	1.0 U	1.0 U	1.0 U	1.0 U
12/04/05	⁽¹⁾ -120405-DCR-561	1.0 UJ	0.34 J	--	1.0 U	1.0 UJ	1.0 U	1.0 U
09/12/06	⁽¹⁾ -091206-DR-050	1.0 UJ	0.37 J	--	1.0 U	1.0 UJ	1.0 U	1.0 UJ
05/10/07	⁽¹⁾ -051007-JY-088	1.0 UJ	0.3 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
10/07/07	⁽¹⁾ -101707-DR-130	1.0 U	0.36 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
04/22/08	⁽¹⁾ -042208-DR-164	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
10/07/08	⁽¹⁾ -100708-DR-218	1.0 U	0.67 J	--	1.0 U	1.0 U	1.0 U	1.0 U
04/08/08	⁽¹⁾ -040809-DR-261	1.0 U	1.6	--	1.0 U	1.0 U	1.0 U	1.0 U
10/07/09	⁽¹⁾ -100709-DR-296	1.0 U	2.8	--	1.0 U	1.0 U	1.0 U	1.0 U
10/12/10	⁽¹⁾ -101210-BW-076	1.0 U	2.2	--	1.0 U	1.0 U	1.0 U	1.0 U

-- = Not analyzed

DCE = Dichloroethene

⁽¹⁾ Full sample number includes GW-17360

General Motors
Grand Rapids Metal Fabrication Plant
Monitoring Well Data Summary/Analytical Data

SITE: MW15-04
REVISION: 1/7/2011
UNITS: ug/L

ELEVATION: top of casing -
DEPTH: screen - 25 to 30

Date	Sample	PCE	TCE	1,2-DCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
10/05/04	⁽¹⁾ -100504-DCR-258	1.0 U	2.3	--	0.99	<1	<1	<1
12/01/04	⁽¹⁾ -120104-DCR-303	1.0 U	2.2	--	0.71	<1	<1	<1
*12/01/04	⁽¹⁾ -120104-DCR-304	1.0 U	2.3	--	0.77	<1	<1	<1
04/05/05	⁽¹⁾ -040655-DCR-349	1.0 UJ	2.0	--	<1	<1	<1	<1
*4/5/2005	⁽¹⁾ -040655-DCR-350	1.0 UJ	2.0	--	1.3	<1	<1	<1
06/28/05	⁽¹⁾ -062805-DCR-380	1.0 U	2.4	--	1.1	1.0 U	1.0 U	1.0 U
12/04/05	⁽¹⁾ -120405-DCR-558	1.0 UJ	1.5	--	0.61 J	1.0 UJ	1.0 U	1.0 U
09/12/06	⁽¹⁾ -091206-DR-029	1.0 UJ	0.46 J	--	1.0 U	1.0 U	1.0 U	1.0 U
05/09/07	⁽¹⁾ -050907-JY-078	1.0 U	3.2	1.0 U	1.5	0.22 J	1.0 U	1.0 U
10/16/07	⁽¹⁾ -101607-DR-118	1.0 U	3.5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
04/22/08	⁽¹⁾ -042208-DR-158	1.0 UJ	1.8	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
10/07/08	⁽¹⁾ -100708-DR-208	1.0 U	2.4	--	0.41 J	1.0 U	1.0 U	1.0 U
04/06/09	⁽¹⁾ -040609-DR-239	1.0 U	1.5	--	0.25 J	1.0 U	1.0 U	1.0 U
10/06/09	⁽¹⁾ -100609-DR-282	1.0 U	1.7	--	0.28 J	1.0 U	1.0 U	1.0 U
10/12/10	⁽¹⁾ -101210-BW-067	1.0 U	1.6	--	0.20 J	1.0 U	1.0 U	1.0 U

-- = Not analyzed

DCE = Dichloroethene

⁽¹⁾ Full sample number includes GW-17360

SITE: MW17-06
REVISION: 1/7/2011
UNITS: ug/L

ELEVATION: top of casing -
DEPTH: screen -

Date	Sample	PCE	TCE	1,2-DCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
09/12/06	⁽¹⁾ -091106-DR-009	23 J	16	--	4.0 U	140 J	4	4.0 U
05/08/07	⁽¹⁾ -050807-JY-056	17	9.5	2.0 U	2.0 U	61	1.4 J	2.0 U
10/15/07	⁽¹⁾ -101507-DR-098	25	11	3.3 U	3.3 U	84	1.8 J	3.3 U
04/22/08	⁽¹⁾ -042208-DR-157	18	7	1.4 U	1.4 U	48	1.4	1.4 U
10/06/08	⁽¹⁾ -100608-DR-197	20	7.7	--	1.7 U	52	1.2 J	1.7 U
04/06/09	⁽¹⁾ -040609-DR-234	24	6.6	--	1.0 U	31	0.97 J	1.0 U
10/06/09	⁽¹⁾ -100609-DR-280	25	5.5	--	1.0 U	18	0.58 J	1.0 U
10/11/10	⁽¹⁾ -101110-BW-064	18	3.8	--	1.0 U	16	0.38J	1.0 U

-- = Not analyzed

DCE = Dichloroethene

⁽¹⁾ Full sample number includes GW-17360

SITE: MW18-10
REVISION: 1/7/2011
UNITS: ug/L

ELEVATION: top of casing -
DEPTH: screen -

Date	Sample	PCE	TCE	1,2-DCE	1,1-DCE
09/12/06	⁽¹⁾ -091106-DR-009	23 J	16	--	4.0 U

-- = Not analyzed

DCE = Dichloroethene

⁽¹⁾ Full sample number includes GW-17360

cis-1,2-DCE trans-1,2-DCE Vinyl Chloride

140 J

4

4.0 U

General Motors
Grand Rapids Metal Fabrication Plant
Monitoring Well Data Summary/Analytical Data

SITE: Field-Blk
REVISION: 1/7/2011
UNITS: ug/L

Date	Sample	TCE	1,2-DCE	1,1-DCE	Vinyl Chloride	1,1,1-TCA
12/21/88	E11605	3	<2	--	--	--
03/17/89	E15528	<1	<1	--	--	--
06/15/89	U00160	E	E	--	--	E
08/22/89	E24444	<1	--	--	--	--
09/20/89	E25607	<1	<1	--	--	--
10/13/89	E26927	<1	<1	--	--	--
11/17/89	E29150	<1	<1	--	--	--
12/21/89	E31004	<1	<1	<1	<1	--
01/12/90	E31897	<1	<1	--	--	--
02/16/90	E33920	<1	<1	--	--	<1
03/16/90	E35833	<1	<1	--	--	<1
04/12/90	E37260	<1	<1	--	--	<1
05/18/90	E39760	<1	<1	--	--	<1
06/18/90	E42009	<1	<1	--	--	<1
07/13/90	E44007	<1	<1	--	--	<1
08/20/90	E46576	1	<1	--	--	<1
09/14/90	E48213	<1	<1	--	--	<1
10/12/90	E50166	<1	<1	--	--	<1
11/15/90	E52801	<1	<1	--	--	<1
12/17/90	E54829	<2	<2	<2	<10	--
03/11/91	E59924	<1	<1	--	--	--
06/13/91	E67560	<1	<1	--	--	<1
09/12/91	E72990	<1	<1	--	--	<1
12/13/91	E07659	<1	--	<1	<1	<1
03/13/92	E15395	<1	<1	--	--	<1
06/12/92	E23270	<1	<1	--	--	<1
09/11/92	E31924	<1	<1	--	--	<1
12/10/92	E40338	<1	--	<1	<1	<1
03/11/93	E47626	1.1	<1	--	--	<1
06/14/93	E56592	<1	<1	--	--	<1
09/15/93	E66054	HT<1	HT<1	--	--	HT<1
12/17/93	E75758	<1	<1	<1	<1	<1
03/16/94	E81252	<1	<1	--	--	<1
06/14/94	E89404	<1	<1	--	--	<1
09/14/94	E97454	<1	<1	--	--	<1
12/16/94	E106393	<1	<1	<1	<1	<1
03/17/95	E112957	<1	<2	--	--	<1
06/20/95	E120798	<1	<2	--	--	<1
09/14/95	E127377	<1	<2	--	--	<1
12/18/95	E134979	<1	<1	<1	<1	--

-- = Not analyzed
E = Lab Error

TCE = Trichloroethene

DCE = Dichloroethene

TCA = Trichloroethane

HT = Analysis performed beyond EPA established maximum allowable holding time.

General Motors
Grand Rapids Metal Fabrication Plant
Monitoring Well Data Summary/Analytical Data

SITE: Field-Blk
REVISION: 1/7/2011
UNITS: ug/L

Date	Sample	TCE	1,2-DCE	1,1-DCE	Vinyl Chloride	1,1,1-TCA
03/19/96	E139855	<1	<1	--	--	<1
06/13/96	E147338	<1	<1	--	--	<1
09/13/96	E154137	<1	<1	--	--	<1
12/13/96	E161531	<1	<1	<1	<1	<1
03/13/97	E166209	<1	<1	--	--	<1
06/19/97	E172381	<1	<1	--	--	<1
09/11/97	E177745	<1	<1	--	--	<1
12/16/97	E184903	<1	<1	<1	<1	--
03/12/98	E190816	<1	<1	--	--	--
06/16/98	82953-3402	<1	<2	--	--	--
09/17/98	84367-8369	<1	<1	--	--	--
12/16/98	85755-2524	<1	<1	<1	<1	--
03/10/99	90995-6094	<1	<1	--	--	--
06/15/99	3990294014	<1	<2	--	--	--
09/20/99	3991971010	<1	<1	--	--	--
12/16/99	3993622001	<1	<1	<1	<1	--
06/13/00	3002633011	<1	<1	--	--	--
09/22/00	E261232	<1	<1	--	--	--
12/20/00	E268214	<1	<1	<1	<1	--
03/21/01	E274384	<1	<1	--	--	--
06/14/01	E281019	<1	<1	--	--	--
09/13/01	E287757	<1	<1	--	--	--
12/19/01	E287757	SS<1	SS<1	SS<1	SS<1	--

-- = Not analyzed TCE = Trichloroethene DCE = Dichloroethene TCA = Trichloroethane
SS = Surrogate spike result had a percent recovery outside the upper control limit.
This result must be considered estimated.

**General Motors
Grand Rapids Metal Fabrication Plant
Monitoring Well Data Summary/Analytical Data**

SITE: Trip-Blk
REVISION: 1/7/2011
UNITS: ug/L

Date	Sample	TCE	1,2-DCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	1,1,1-TCA
03/16/89	E15529	<1	<1	--	--	--	--	--
06/15/89	U00161	LE	LE	--	--	--	--	LE
08/22/89	E24443	2.9	--	--	--	--	--	--
10/13/89	E26926	<1	<1	--	--	--	--	--
11/17/89	E29149	<1	<1	--	--	--	--	--
01/12/90	E31896	<1	<1	--	--	--	--	--
02/16/90	E33919	<1	<1	--	--	--	--	<1
03/16/90	E35832	<1	<1	--	--	--	--	<1
04/12/90	E37259	<1	<1	--	--	--	--	<1
04/25/90	E39759	<1	<1	--	--	--	--	<1
06/18/90	E42008	<1	<1	--	--	--	--	<1
07/12/90	E44006	2	<1	--	--	--	--	<1
08/20/90	E46575	B	B	--	--	--	--	B
09/14/90	E48212	<1	<1	--	--	--	--	<1
10/02/90	H3935	<5	--	--	--	--	<5	<5
10/12/90	E50165	<1	<1	--	--	--	--	<1
11/15/90	E52800	<1	<1	--	--	--	--	<1
12/18/90	E54831	<2	<2	<2	--	--	<10	--
03/11/91	U00162	LE	LE	--	--	--	--	--
06/13/91	E67570	<1	<1	--	--	--	--	<1
09/12/91	E72989	<1	<1	--	--	--	--	<1
11/20/91	E07660	<1	--	<1	--	--	<1	<1
03/13/92	E15396	<1	<1	--	--	--	--	<1
06/12/92	E23271	<1	<1	--	--	--	--	<1
08/13/92	E29154	<1	<1	--	--	--	--	--
09/11/92	E31906	<1	<1	--	--	--	--	<1
10/16/92	E35369	<1	--	--	--	--	--	--
11/12/92	E37806	<1	--	--	--	--	--	--
12/10/92	E40339	<1	--	<1	--	--	<1	<1
02/12/93	E45485	<1	--	--	--	--	--	--
03/11/93	E47616	<1	<1	--	--	--	--	<1
04/15/93	E50684	<1	--	--	--	--	--	--
05/13/93	E53157	<1	--	--	--	--	--	--
06/14/93	E56593	<1	<1	--	--	--	--	<1
07/16/93	E60031	<1	--	--	--	--	--	--
08/11/93	E62712	<1	--	--	--	--	--	--
09/15/93	E66053	<1	<1	--	--	--	--	<1
10/19/93	E69403	<1	--	--	--	--	--	--

-- = Not Analyzed
LE = Lab Error

TCE = Trichloroethene
B = Vials Broken

DCE = Dichloroethene

TCA = Trichloroethane

**General Motors
Grand Rapids Metal Fabrication Plant
Monitoring Well Data Summary/Analytical Data**

SITE: Trip-Blk
REVISION: 1/7/2011
UNITS: ug/L

Date	Sample	TCE	1,2-DCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	1,1,1-TCA
11/17/93	E72555	<1	--	--	--	--	--	--
12/17/93	E75759	<1	<1	<1	--	--	<1	<1
01/13/94	E77458	<1	--	--	--	--	--	--
03/16/94	E81253	<1	<1	--	--	--	--	<1
04/13/94	E83747	<1	--	--	--	--	--	--
05/06/94	E86250	<1	--	--	--	--	--	--
06/14/94	E89403	<1	<1	--	--	--	--	<1
07/13/94	E91966	<1	--	--	--	--	--	--
08/12/94	E94709	<1	--	--	--	--	--	--
09/14/94	E97455	<1	<1	--	--	--	--	<1
10/18/94	E100418	<1	--	--	--	--	--	--
11/11/94	E103081	<1	--	--	--	--	--	--
12/16/94	E106392	<1	<1	<1	--	--	<1	<1
01/13/95	E108555	<1	--	--	--	--	--	--
01/20/95	E109181	<1	--	--	--	--	--	--
02/14/95	E110634	<1	--	--	--	--	--	--
03/17/95	E112963	<1	<2	--	--	--	--	<1
04/14/95	E114840	<1	--	--	--	--	--	--
05/05/95	E116689	<1	--	<1	--	--	<1	<1
05/15/95	E117757	<1	--	--	--	--	--	--
06/20/95	E120785	<1	<2	--	--	--	--	<1
07/13/95	E122760	<1	--	--	--	--	--	--
08/14/95	E124915	<1	--	--	--	--	--	--
09/13/95	E127376	<1	<2	--	--	--	--	<1
12/18/95	E134965	<1	<1	<1	--	--	<1	<1
01/02/96	E136051	<1	--	--	--	--	--	--
02/15/96	E137784	<1	--	--	--	--	--	--
03/04/96	E140367	<1	--	--	--	--	--	--
04/04/96	E141882	<1	--	--	--	--	--	--
04/25/96	E143102	<1	--	--	--	--	--	--
05/16/96	E144471	<1	--	--	--	--	--	--
06/12/96	E146830	<1	--	--	--	--	--	--
06/19/96	E149320	<1	--	<1	--	--	--	--
07/31/96	E150439	<1	--	--	--	--	--	--
08/01/96	E151798	<1	--	--	--	--	--	--
09/05/96	E154110	<1	--	--	--	--	--	--
10/15/96	E156831	<1	--	--	--	--	--	--
11/18/96	E159731	<1	--	--	--	--	--	--
12/11/96	E161506	<1	--	--	--	--	--	--
12/11/96	E162083	<1	<1	<1	--	--	<1	<1

-- = Not Analyzed
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TCE = Trichloroethene
B = Vials Broken

DCE = Dichloroethene

TCA = Trichloroethane

General Motors
Grand Rapids Metal Fabrication Plant
Monitoring Well Data Summary/Analytical Data

SITE: Trip-Blk
REVISION: 1/7/2011
UNITS: ug/L

Date	Sample	TCE	1,2-DCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	1,1,1-TCA
01/20/97	E163653	<1	--	--	--	--	--	--
02/11/97	E164986	<1	--	--	--	--	--	--
03/12/97	E166208	<1	<1	--	--	--	--	<1
03/31/97	E168313	<1	--	--	--	--	--	--
05/02/97	E170415	<1	--	--	--	--	--	--
06/04/97	E174139	<1	--	--	--	--	--	--
06/09/97	E172366	<1	--	--	--	--	--	--
07/20/97	E175817	<1	--	--	--	--	--	--
09/04/97	E177690	<1	--	--	--	--	--	--
10/13/97	E180330	<1	--	--	--	--	--	--
10/30/97	E182372	<1	--	--	--	--	--	--
12/16/97	E184895	<1	<1	<1	--	--	<1	--
12/26/97	E186120	<1	--	--	--	--	--	--
01/29/98	E188477	<1	--	--	--	--	--	--
03/10/98	E190687	<1	--	--	--	--	--	--
04/01/98	81905-9816	<1	<2	<1	--	--	<1	<1
04/29/98	82314-1285	<1	<2	--	--	--	<1	--
05/21/98	82953-3404	<1	<2	--	--	--	--	--
07/16/98	83403-4900	<1	--	--	--	--	--	--
07/24/98	83716-6295	<1	--	<1	--	--	<1	<1
08/19/98	83939-7016	<1	--	--	--	--	--	--
09/03/98	84367-8366	<1	<1	--	--	--	--	--
10/09/98	85278-1077	<1	--	--	--	--	--	--
11/20/98	90043-3143	<1	--	--	--	--	--	--
11/20/98	85858-2931	<1	--	<1	--	--	<1	<1
12/16/98	85755-2526	<1	<1	<1	--	--	<1	--
12/23/98	90148-3372	<1	--	--	--	--	--	--
02/15/99	91113-6518	<1	--	--	--	--	--	--
02/16/99	90635-4884	<1	--	--	--	--	--	--
03/03/99	90995-6099	<1	<1	--	--	--	--	--
03/24/99	91468-7712	<1	--	--	--	--	--	--
04/29/99	92011-9427	<1	--	--	--	--	--	--
05/19/99	3990294025	<1	<2	--	--	--	--	--
06/25/99	3990884001	<1	--	--	--	--	--	--
07/28/99	3991393001	<1	--	--	--	--	--	--
09/18/99	3991971009	<1	<1	--	--	--	--	--
10/18/99	3993099001	<1	--	--	--	--	--	--
10/19/99	3992560004	<1	--	--	--	--	--	--
12/16/99	3993622022	<1	<1	<1	--	--	<1	--
01/11/00	3000138001	<1	--	--	--	--	--	--
02/15/00	3000620001	<1	--	--	--	--	--	--
03/16/00	3001152020	<1	<1	--	--	--	--	--
06/13/00	3002633023	<1	<1	--	--	--	--	--
09/22/00	E261230	<1	<1	--	--	--	--	--
10/23/00	E263866	<1	--	--	--	--	--	--

-- = Not Analyzed
 LE = Lab Error

TCE = Trichloroethene
 B = Vials Broken

DCE = Dichloroethene

TCA = Trichloroethane

**General Motors
Grand Rapids Metal Fabrication Plant
Monitoring Well Data Summary/Analytical Data**

SITE: Trip-Blk
REVISION: 1/7/2011
UNITS: ug/L

Date	Sample	TCE	1,2-DCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	1,1,1-TCA
11/13/00	E265857	<1	--	--	--	--	--	--
12/20/00	E268224	<1	<1	<1	--	--	<1	--
01/12/01	E269743	<1	--	--	--	--	--	--
01/31/01	E272135	<1	--	--	--	--	--	--
03/07/01	E274393	<1	<1	--	--	--	--	--
06/01/01	E281029	<1	<1	--	--	--	--	--
09/07/01	E287750	<1	<1	--	--	--	--	--
11/26/01	E295703	SS<1	SS<1	SS<1	--	--	SS<1	SS<1
03/28/02	Trip Blank	<1	<1	--	--	--	--	--
06/27/02	Trip Blank	<1	<1	--	--	--	--	--
09/27/02	Trip Blank	<1	<1	--	--	--	--	--
12/09/02	Trip Blank	<1	<1	<1	--	--	<1	--
03/21/03	Trip Blank	<1	--	--	<1	<1	--	--
07/14/03	Trip Blank	<1	--	<1	<1	<1	<1	<1
07/15/03	Trip Blank	<1	--	<1	<1	<1	<1	<1
10/15/03	Trip Blank	<1	--	<1	<1	<1	<1	<1
12/18/03	Trip Blank	<1	--	<1	<1	<1	<1	<1
03/16/04	Trip Blank	<2	--	<1	<1	<1	<1	<1
10/05/04	Trip Blank	<1	--	0.83	<1	<1	<1	<1
12/03/04	Trip Blank	<1	--	<1	<1	<1	<1	<1
04/05/05	Trip Blank	<1	--	<1	<1	<1	<1	<1
04/06/05	Trip Blank	<1	--	<1	<1	<1	<1	<1
04/07/05	Trip Blank	<1	--	<1	<1	<1	<1	<1
06/28/05	⁽¹⁾ -062805-DCR-390	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
06/29/05	⁽¹⁾ -062905-DCR-408	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
12/05/05	⁽¹⁾ -120505-DCR-570	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
12/06/05	⁽¹⁾ -120605-DCR-584	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
09/11/06	⁽¹⁾ -091106-DR-020	1.0 U	--	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
09/13/06	⁽¹⁾ -091306-DR-051	1.0 U	--	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
05/08/07	⁽¹⁾ -050807-JY-064	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
05/10/07	⁽¹⁾ -051007-JY-094	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
10/16/07	⁽¹⁾ -101607-DR-129	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
10/17/07	⁽¹⁾ -101707-DR-137	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
04/21/08	⁽¹⁾ -042108-DR-151	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
04/23/08	⁽¹⁾ -042308-DR-183	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
10/08/08	⁽¹⁾ -100808-DR-220	1.0 U	--	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
10/08/08	⁽¹⁾ -100808-DR-229	1.0 U	--	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
04/07/09	⁽¹⁾ -040709-DR-260	1.0 U	--	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
04/08/09	⁽¹⁾ -040809-DR-275	1.0 U	--	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
10/06/09	⁽¹⁾ -100609	1.0 U	--	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
10/07/09	⁽¹⁾ -100709	1.0 U	--	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
10/11/10	⁽¹⁾ -101110-065	1.0 U	--	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
10/12/10	⁽¹⁾ -101210-087	1.0 U	--	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
10/13/10	⁽¹⁾ -101310-091	1.0 U	--	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

SS = Surrogate spike result had a percent recovery outside the upper control limit.

This result must be considered estimated.

-- = Not Analyzed

TCE = Trichloroethene

DCE = Dichloroethene

TCA = Trichloroethane

LE = Lab Error

B = Vials Broken

⁽¹⁾ Full sample number includes TB-17360

**General Motors
Grand Rapids Metal Fabrication Plant
TCE Treatment System
Influent, Intermediate, and Effluent**

SITE: NPDES Discharge
REVISION: 1/7/2011

Sample Date:	7/13/1994	8/12/1994	9/14/1994	10/18/1994	11/11/1994	12/16/1994	1/13/1995	1/20/1995	2/14/1995
Sample Id:	*	E94707	E97434	E100374	E103082	E106412	E108556	E109178	E110635
	Influent	Influent	Influent	Influent	Influent	Influent	Influent	Influent	Influent
Trichloroethene, ug/L	*	38	33	28	29	25	26	24	24
1,1-Dichloroethane, ug/L	--	--	--	--	--	--	<1	<1	<1

Sample Date:	7/13/1994	8/12/1994	9/14/1994	10/18/1994	11/11/1994	12/16/1994	1/13/1995	1/20/1995	2/14/1995
Sample Id:	E91964	E94706	E97435	E100375	E103083	E106413	E108557	E109179	E110636
	Intermediate	Intermediate	Intermediate	Intermediate	Intermediate	Intermediate	Intermediate	Intermediate	Intermediate
Trichloroethene, ug/L	<1	<1	<1	CR3.4	5.4	10	14	<1	3.2
1,1-Dichloroethane, ug/L	--	--	--	--	--	--	<1	<1	<1

Sample Date:	7/13/1994	8/12/1994	9/14/1994	10/18/1994	11/11/1994	12/16/1994	1/13/1995	1/20/1995	2/14/1995
Sample Id:	E91963	E94708	E97436	E100376	E103084	E106414	E108558	E109180	E110637
	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent
Trichloroethene, ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloroethane, ug/L	--	--	--	--	--	--	<1	<1	<1

* = Sample port not yet installed.

CR = Positive results confirmed by replicate measurement.

-- = Not analyzed.

**General Motors
Grand Rapids Metal Fabrication Plant
TCE Treatment System
Influent, Intermediate, and Effluent**

SITE: NPDES Discharge
REVISION: 1/7/2011

Sample Date:	3/17/1995	4/13/1995	5/15/1995	6/20/1995	7/13/1995	8/11/1995	9/14/1995	10/17/1995	11/17/1995
Sample Id:	E112938	E114837	E117758	E120801	E122761	E124916	E127396	E129772	E132427
	Influent	Influent	Influent	Influent	Influent	Influent	Influent	Influent	Influent

Trichloroethene, ug/L	23	20	20	21	17	15	16	16	13
1,1-Dichloroethane, ug/L	<1	--	--	--	--	--	--	--	<1

Sample Date:	3/17/1995	4/13/1995	5/15/1995	6/20/1995	7/13/1995	8/11/1995	9/14/1995	10/17/1995	11/17/1995
Sample Id:	E112939	E114839	E117760	E120802	E122762	E124917	E127397	E129773	E132428
	Intermediate	Intermediate	Intermediate	Intermediate	Intermediate	Intermediate	Intermediate	Intermediate	Intermediate

Trichloroethene, ug/L	6.5	8	8.9	2.7	4	7.1	9.1	8.7	4
1,1-Dichloroethane, ug/L	<1	--	--	--	--	--	--	--	<1

Sample Date:	3/17/1995	4/13/1995	5/15/1995	6/20/1995	7/13/1995	8/11/1995	9/14/1995	10/17/1995	11/17/1995
Sample Id:	E112940	E114838	E117759	E120803	E122763	E124918	E127398	E129774	E132429
	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent

Trichloroethene, ug/L	<1	<1	1.8	<1	<1	<1	<1	2	<1
1,1-Dichloroethane, ug/L	<1	--	--	--	--	--	--	--	<1

-- = Not analyzed.

**General Motors
Grand Rapids Metal Fabrication Plant
TCE Treatment System
Influent, Intermediate, and Effluent**

SITE: NPDES Discharge
REVISION: 1/7/2011

Sample Date:	12/19/1995	1/16/1996	2/19/1996	3/19/1996	4/12/1996	4/26/1996	5/16/1996	6/13/1996	7/16/1996
Sample Id:	E134898	E136052	E137785	E139823	E141883	E143103	E144472	E146831	E149321
	Influent	Influent	Influent	Influent	Influent	Influent	Influent	Influent	Influent

Trichloroethene, ug/L	13	11	11	12	9.9	9.5	8.8	9.6	8.3
1,1-Dichloroethane, ug/L	--	--	--	--	--	--	--	--	--

Sample Date:	12/19/1995	1/16/1996	2/19/1996	3/19/1996	4/12/1996	4/26/1996	5/16/1996	6/13/1996	7/16/1996
Sample Id:	E134899	E136053	E137786	E139824	E141884	E143104	E144473	E146832	E149322
	Intermediate	Intermediate	Intermediate	Intermediate	Intermediate	Intermediate	Intermediate	Intermediate	Intermediate

Trichloroethene, ug/L	6	6.8	8.4	9.3	<1**	<1	2.5	2.9	<1
1,1-Dichloroethane, ug/L	--	--	--	--	--	--	--	--	--

Sample Date:	12/19/1995	1/16/1996	2/19/1996	3/19/1996	4/12/1996	4/26/1996	5/16/1996	6/13/1996	7/16/1996
Sample Id:	E134900	E136054	E137787	E139825	E141885	E143105	E144474	E146833	E149323
	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent

Trichloroethene, ug/L	<1	<1	<1	1.2	10**	<1	<1	<1	2.9
1,1-Dichloroethane, ug/L	--	--	--	--	--	--	--	--	--

-- = Not analyzed.

** = Suspected that samples were labeled incorrectly in the field. Resampled 4/26/96.

** = Suspected that samples were labeled incorrectly in the field. Resampled 4/26/96.

* = Sample port not yet installed.

CR = Positive results confirmed by replicate measurement.

**General Motors
Grand Rapids Metal Fabrication Plant
TCE Treatment System
Influent, Intermediate, and Effluent**

SITE: NPDES Discharge
REVISION: 1/7/2011

Sample Date:	8/1/1996	8/16/1996	9/13/1996	10/17/1996	11/19/1996	12/12/1996	1/20/1997	2/14/1997	3/13/1997
Sample Id:	E150442	E151801	E154113	E156834	E159734	E161507	E163656	E164989	E166229
	Influent	Influent	Influent	Influent	Influent	Influent	Influent	Influent	Influent

Trichloroethene, ug/L	15	14	11	12	11	9.9	8.9	9.1	8.1
1,1-Dichloroethane, ug/L	--	--	--	--	--	--	--	--	--

Sample Date:	8/1/1996	8/16/1996	9/13/1996	10/17/1996	11/19/1996	12/12/1996	1/20/1997	2/14/1997	3/13/1997
Sample Id:	E150441	E151800	E154112	E156833	E159733	E161508	E163655	E164988	E166228
	Intermediate	Intermediate	Intermediate	Intermediate	Intermediate	Intermediate	Intermediate	Intermediate	Intermediate

Trichloroethene, ug/L	7.7	9.1	6.9	9.6	4.2	5	4.5	6.2	6.1
1,1-Dichloroethane, ug/L	--	--	--	--	--	--	--	--	--

Sample Date:	8/1/1996	8/16/1996	9/13/1996	10/17/1996	11/19/1996	12/12/1996	1/20/1997	2/14/1997	3/13/1997
Sample Id:	E150440	E151799	E154111	E156832	E159732	E161509	E163654	E164987	E166227
	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent

Trichloroethene, ug/L	<1	<1	<1	2.9	<1	<1	<1	<1	1.4
1,1-Dichloroethane, ug/L	--	--	--	--	--	--	--	--	--

-- = Not analyzed.

* = Sample port not yet installed.

CR = Positive results confirmed by replicate measurement.

**General Motors
Grand Rapids Metal Fabrication Plant
TCE Treatment System
Influent, Intermediate, and Effluent**

SITE: NPDES Discharge
REVISION: 1/7/2011

Sample Date:	4/18/1997	5/15/1997	6/19/1997	7/17/1997	8/14/1997	9/11/1997	10/17/1997	11/14/1997	12/16/1997
Sample Id:	E168316	E170418	E172369	E174142	E175814	E177693	E180333	E182375	E184894
	Influent	Influent	Influent	Influent	Influent	Influent	Influent	Influent	Influent

Trichloroethene, ug/L	9.7	9	8.8	10	10	9	9	9.3	8
1,1-Dichloroethane, ug/L	--	--	--	--	--	--	--	--	--

Sample Date:	4/18/1997	5/15/1997	6/19/1997	7/17/1997	8/14/1997	9/11/1997	10/17/1997	11/14/1997	12/16/1997
Sample Id:	E168315	E170417	E172368	E174141	E175815	E177692	E180332	E182374	E184893
	Intermediate	Intermediate	Intermediate	Intermediate	Intermediate	Intermediate	Intermediate	Intermediate	Intermediate

Trichloroethene, ug/L	2.9	4.8	6	7.9	9.4	10	3.7	4.9	5.4
1,1-Dichloroethane, ug/L	--	--	--	--	--	--	--	--	--

Sample Date:	4/18/1997	5/15/1997	6/19/1997	7/17/1997	8/14/1997	9/11/1997	10/17/1997	11/14/1997	12/16/1997
Sample Id:	E168314	E170416	E172367	E174140	E175816	E177691	E180331	E182373	E184892
	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent

Trichloroethene, ug/L	<1	<1	<1	<1	<1	2.3	<1	<1	<1
1,1-Dichloroethane, ug/L	--	--	--	--	--	--	--	--	--

-- = Not analyzed.

**General Motors
Grand Rapids Metal Fabrication Plant
TCE Treatment System
Influent, Intermediate, and Effluent**

SITE: NPDES Discharge
REVISION: 1/7/2011

Sample Date:	1/14/1998	2/16/1998	3/12/1998	4/22/1998	5/20/1998	6/16/1998	7/16/1998	8/19/1998	9/17/1998
Sample Id:	E186123	E188480	E190690	81962-0007	82447-1683	82953-3394	83403-4904	83939-7019	84367-8357
	Influent	Influent	Influent	Influent	Influent	Influent	Influent	Influent	Influent

Trichloroethene, ug/L	6	5.6	5.9	5	6	6	5	5	5
1,1-Dichloroethane, ug/L	--	--	--	--	--	--	--	--	--

Sample Date:	1/14/1998	2/16/1998	3/12/1998	4/22/1998	5/20/1998	6/16/1998	7/16/1998	8/19/1998	9/17/1998
Sample Id:	E186122	E188479	E190689	81962-0008	82447-1682	82953-3393	83403-4903	83939-7018	84367-8356
	Intermediate	Intermediate	Intermediate	Intermediate	Intermediate	Intermediate	Intermediate	Intermediate	Intermediate

Trichloroethene, ug/L	4.6	5.2	5.3	5	3	3	3	3	4
1,1-Dichloroethane, ug/L	--	--	--	--	--	--	--	--	--

Sample Date:	1/14/1998	2/16/1998	3/12/1998	4/22/1998	5/20/1998	6/16/1998	7/16/1998	8/19/1998	9/17/1998
Sample Id:	E186121	E188478	E190688	81962-0009	82447-1681	82953-3392	83403-4901	83939-7017	84367-8355
	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent

Trichloroethene, ug/L	<1	<1	<1	1	<1	<1	<1	<1	<1
1,1-Dichloroethane, ug/L	--	--	--	--	--	--	--	--	--

-- = Not analyzed.

**General Motors
Grand Rapids Metal Fabrication Plant
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Influent, Intermediate, and Effluent**

SITE: NPDES Discharge
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Sample Date:	10/14/1998	11/18/1998	12/16/1998	1/12/1999	2/16/1999	3/18/1999	4/12/1999	5/18/1999
Sample Id:	84778-9599	85278-1080	85755-2517	90148-3375	90635-4887	91113-6519	91468-7715	92011-9430
	Influent	Influent	Influent	Influent	Influent	Influent	Influent	Influent

Trichloroethene, ug/L	4	4	4	4	4	5	6	5
1,1-Dichloroethane, ug/L	--	--	--	--	--	--	--	--

Sample Date:	10/14/1998	11/18/1998	12/16/1998	1/12/1999	2/16/1999	3/18/1999	4/12/1999	5/18/1999
Sample Id:	84778-9598	85278-1079	85755-2518	90148-3374	90635-4886	91113-6520	91468-7714	92011-9429
	Intermediate	Intermediate	Intermediate	Intermediate	Intermediate	Intermediate	Intermediate	Intermediate

Trichloroethene, ug/L	3	4	4	4	4	5	6	5
1,1-Dichloroethane, ug/L	--	--	--	--	--	--	--	--

Sample Date:	10/14/1998	11/18/1998	12/16/1998	1/12/1999	2/16/1999	3/19/1999	4/12/1999	5/18/1999
Sample Id:	84778-9597	85278-1078	85755-2519	90148-3373	90635-4485	91113-6521	91468-7713	92011-9428
	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent

Trichloroethene, ug/L	<1	<1	<1	<1	<1	2	<1	<1
1,1-Dichloroethane, ug/L	--	--	--	--	--	--	--	--

-- = Not analyzed.

**General Motors
Grand Rapids Metal Fabrication Plant
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Influent, Intermediate, and Effluent**

SITE: NPDES Discharge
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Sample Date:	6/15/1999	7/21/1999	8/17/1999	9/20/1999	10/19/1999	11/17/1999	12/16/1999	1/11/2000	2/15/2000
Sample Id:	3990294005	3990884004	3991393004	3991972003	3992560001	3993099004	3993622007	3000138004	3000620004
	Influent	Influent	Influent	Influent	Influent	Influent	Influent	Influent	Influent

Trichloroethene, ug/L	6	5.57	5.3	5.7	5.6	4.6	4.5	4.4	4.4
1,1-Dichloroethane, ug/L	--	--	--	--	--	--	--	--	--

Sample Date:	6/15/1999	7/21/1999	8/17/1999	9/20/1999	10/19/1999	11/17/1999	12/16/1999	1/11/2000	2/15/2000
Sample Id:	3990294004	3990884003	3991393003	3991972002	3992560002	3993099003	3993622006	3000138003	3000620003
	Intermediate	Intermediate	Intermediate	Intermediate	Intermediate	Intermediate	Intermediate	Intermediate	Intermediate

Trichloroethene, ug/L	<1	<1	<1	1.4	2.3	2.4	2.7	2.9	3.3
1,1-Dichloroethane, ug/L	--	--	--	--	--	--	--	--	--

Sample Date:	6/15/1999	7/21/1999	8/17/1999	9/20/1999	10/19/1999	11/17/1999	12/16/1999	1/11/2000	2/15/2000
Sample Id:	3990294003	3990884002	3991393002	3991972001	3992560003	3993099002	3993622005	3000138002	3000620002
	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent

Trichloroethene, ug/L	<1	<1	<1	<1	<1	<1	<1	<1	1.2
1,1-Dichloroethane, ug/L	--	--	--	--	--	--	--	--	--

-- = Not analyzed.

**General Motors
Grand Rapids Metal Fabrication Plant
TCE Treatment System
Influent, Intermediate, and Effluent**

SITE: NPDES Discharge
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Sample Date:	3/16/2000	4/19/2000	5/15/2000	6/13/2000	7/25/2000	8/23/2000	9/22/2000	10/23/2000
Sample Id:	3001152008	3001725004	3002122004	3002633005	3003504002	E258488	E261224	E263869
	Influent	Influent	Influent	Influent	Influent	Influent	Influent	Influent

Trichloroethene, ug/L	4.2	3.2	3.2	3.3	3.8	3.8	4.7	2.9
1,1-Dichloroethane, ug/L	--	--	--	--	--	--	--	--

Sample Date:	3/16/2000	4/19/2000	5/15/2000	6/13/2000	7/25/2000	8/23/2000	9/22/2000	10/23/2000
Sample Id:	3001152007	3001725003	3002122003	3002633004	3003504003	E258487	E261223	E263868
	Intermediate	Intermediate	Intermediate	Intermediate	Intermediate	Intermediate	Intermediate	Intermediate

Trichloroethene, ug/L	1.8	2	2	2.4	2.9	2.9	4.4	<1
1,1-Dichloroethane, ug/L	--	--	--	--	--	--	--	--

Sample Date:	3/16/2000	4/19/2000	5/15/2000	6/13/2000	7/25/2000	8/23/2000	9/22/2000	10/23/2000
Sample Id:	3001152006	3001725002	3002122002	3002633003	3003504004	E258486	E261222	E263867
	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent

Trichloroethene, ug/L	<1	<1	<1	<1	<1	<1	1.3	<1
1,1-Dichloroethane, ug/L	--	--	--	--	--	--	--	--

-- = Not analyzed.

**General Motors
Grand Rapids Metal Fabrication Plant
TCE Treatment System
Influent, Intermediate, and Effluent**

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Sample Date:	11/14/2000	12/20/2000	1/18/2001	2/21/2001	3/21/2001	4/17/2001	5/24/2001	6/13/2001
Sample Id:	E265860	E268209	E269746	E272138	E274377	E276265	E279439	E281032
	Influent	Influent	Influent	Influent	Influent	Influent	Influent	Influent
Trichloroethene, ug/L	3	6.1	4.6	4.2	4.5	3.7	3.5	4.1
1,1-Dichloroethane, ug/L	--	--	--	--	--	--	--	--
Sample Date:	11/14/2000	12/20/2000	1/18/2001	2/21/2001	3/21/2001	4/17/2001	5/24/2001	6/13/2001
Sample Id:	E265859	E268208	E269745	E272137	E274376	E276264	E279438	E281031
	Intermediate	Intermediate	Intermediate	Intermediate	Intermediate	Intermediate	Intermediate	Intermediate
Trichloroethene, ug/L	<1	<1	<1	<1	<1	<1	<1	1
1,1-Dichloroethane, ug/L	--	--	--	--	--	--	--	--
Sample Date:	11/14/2000	12/20/2000	1/18/2001	2/21/2001	3/21/2001	4/17/2001	5/24/2001	6/13/2001
Sample Id:	E265858	E268207	E269744	E272136	E274375	E276263	E279437	E281030
	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent
Trichloroethene, ug/L	<1	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloroethane, ug/L	--	--	--	--	--	--	--	--

-- = Not analyzed.

MS=Matrix spike duplicate RPD for this sample, fell outside laboratory control limits.

The corresponding result must be considered estimated.

**General Motors
Grand Rapids Metal Fabrication Plant
TCE Treatment System
Influent, Intermediate, and Effluent**

SITE: NPDES Discharge
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Sample Date:	7/16/2001	8/22/2001	9/13/2001	10/9/2001	11/13/2001	12/19/2001	1/9/2002
Sample Id:	E283305	E285981	E287740	E289883	E292886	E295702	INF-3
	Influent	Influent	Influent	Influent	Influent	Influent	Influent

Trichloroethene, ug/L	5.2	3	4.8	4.9	4.3	4.9	4.9
1,1-Dichloroethane, ug/L	--	--	--	--	--	--	--

Sample Date:	7/16/2001	8/22/2001	9/13/2001	10/9/2001	11/13/2001	12/19/2001	1/9/2002
Sample Id:	E283304	E285980	E287739	E289882	E292885	E295701	MID-2
	Intermediate	Intermediate	Intermediate	Intermediate	Intermediate	Intermediate	Intermediate

Trichloroethene, ug/L	3.1	<1	1	1.6	<1	<1	<1
1,1-Dichloroethane, ug/L	--	--	--	--	--	--	--

Sample Date:	7/16/2001	8/22/2001	9/13/2001	10/9/2001	11/13/2001	12/19/2001	1/9/2002
Sample Id:	E283303	E285979	E287738	E289881	E292884	E295700	EFF-1
	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent

Trichloroethene, ug/L	<1	<1	<1	MS <1	<1	<1	<1
1,1-Dichloroethane, ug/L	--	--	--	--	--	--	--

-- = Not analyzed.

**General Motors
Grand Rapids Metal Fabrication Plant
TCE Treatment System
Influent, Intermediate, and Effluent**

SITE: NPDES Discharge
REVISION: 1/7/2011

Sample Date:	2/6/2002	3/6/2002	4/10/2002	5/1/2002	6/5/2002
Sample Id:	IN-17360-JB-2602-03	IN-17360-JB-030602-003	IN-17360-JB-041002-003	IN-17360-050102-JB-03	IN-17360-060502-JB-03
	Influent	Influent	Influent	Influent	Influent

Trichloroethene, ug/L	3.0	4.3	1.9 ⁽¹⁾	5.3	6.3
1,1-Dichloroethane, ug/L	--	--	--	--	--

Sample Date:	2/6/2002	3/6/2002	4/10/2002	5/1/2002	6/5/2002
Sample Id:	IT-17360-JB-2602-02	IT-17360-JB-030602-002	IT-17360-JB-041002-002	IT-17360-050102-JB-02	MD-17360-060502-JB-02
	Intermediate	Intermediate	Intermediate	Intermediate	Intermediate

Trichloroethene, ug/L	<1	1.0	<1	<1	<1
1,1-Dichloroethane, ug/L	--	--	--	--	--

Sample Date:	2/6/2002	3/6/2002	4/10/2002	5/1/2002	6/5/2002
Sample Id:	EF-17360-JB-2602-01	EF-17360-JB-030602-001	EF-17360-JB-041002-001	EF-17360-050102-JB-01	EF-17360-060502-JB-01
	Effluent	Effluent	Effluent	Effluent	Effluent

Trichloroethene, ug/L	<1	<1	<1	<1	<1
1,1-Dichloroethane, ug/L	--	--	--	--	--

-- = Not analyzed.

⁽¹⁾Based on a detection of 4.9 ug/L in the trip blank, the results for effluent detection of 1.9 ug/L would qualify as non-detect at 4.9 ug/L

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Influent, Intermediate, and Effluent**

SITE: NPDES Discharge
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Sample Date:	7/17/2002	7/26/2002	8/14/2002	9/4/2002	10/9/2002
Sample Id:	IN-17360-071702-JB-003	IN-17360-072602-JB-003	IN-17360-081402-JB-003	IN-17360-090402-JB-003	IF-17360-100902-JB-068
	Influent	Influent	Influent	Influent	Influent

Trichloroethene, ug/L	5.7	6.5	5.0	5.6	4.7
1,1-Dichloroethane, ug/L	--	--	--	--	--

Sample Date:	7/17/2002	7/26/2002	8/14/2002	9/4/2002	10/9/2002
Sample Id:	IT-17360-071702-JB-002	IT-17360-072602-JB-002	MD-17360-081402-JB-002	MD-17360-090402-JB-002	MD-17360-100902-JB-067
	Intermediate	Intermediate	Intermediate	Intermediate	Intermediate

Trichloroethene, ug/L	1.7	<1	<1	<1	<1
1,1-Dichloroethane, ug/L	--	--	--	--	--

Sample Date:	7/17/2002	7/26/2002	8/14/2002	9/4/2002	10/9/2002
Sample Id:	EF-17360-071702-JB-001	EF-17360-072602-JB-001	EF-17360-081402-JB-001	EF-17360-090402-JB-001	EF-17360-100902-JB-066
	Effluent	Effluent	Effluent	Effluent	Effluent

Trichloroethene, ug/L	<1	<1	<1	<1	<1
1,1-Dichloroethane, ug/L	--	--	--	--	--

-- = Not analyzed.

**General Motors
Grand Rapids Metal Fabrication Plant
TCE Treatment System
Influent, Intermediate, and Effluent**

SITE: NPDES Discharge
REVISION: 1/7/2011

Sample Date:	11/7/2002	12/13/2002	1/15/2003	2/17/2003	3/5/2003
Sample Id:	IN-17360-110702-JB-072	IN-17360-121302-JB-003	IN-17360-011503-JB-083	IN-17360-021703-JB-003	IN-17360-030503-JB-003
	Influent	Influent	Influent	Influent	Influent
Trichloroethene, ug/L	4.6	4.7	4.9	3.9	4.2
1,1-Dichloroethane, ug/L	--	--	--	--	--

Sample Date:	11/7/2002	12/13/2002	1/15/2003	2/17/2003	3/5/2003
Sample Id:	MD-17360-110702-JB-071	MD-17360-121302-JB-002	MD-17360-011503-JB-082	MD-17360-021703-JB-002	MD-17360-030503-JB-002
	Intermediate	Intermediate	Intermediate	Intermediate	Intermediate
Trichloroethene, ug/L	<1	<2	2	4	1.3
1,1-Dichloroethane, ug/L	--	--	--	--	--

Sample Date:	11/7/2002	12/13/2002	1/15/2003	2/17/2003	3/5/2003
Sample Id:	EF-17360-110702-JB-070	EF-17360-121302-JB-001	EF-17360-011503-JB-081	EF-17360-021703-JB-001	EF-17360-030503-JB-001
	Effluent	Effluent	Effluent	Effluent	Effluent
Trichloroethene, ug/L	<1	<2	<1	<2	<1
1,1-Dichloroethane, ug/L	--	--	--	--	--

-- = Not analyzed.

**General Motors
Grand Rapids Metal Fabrication Plant
TCE Treatment System
Influent, Intermediate, and Effluent**

SITE: NPDES Discharge
REVISION: 1/7/2011

Sample Date:	4/17/2003	5/14/2003	9/10/2003	12/17/2003	3/3/2004
Sample Id:	IN-17360-041703-JB-064	IN-17360-051403-JB-003	IN-17360-091003-JB-003	IN-17360-121703-JB-003	IN-17360-030304-JB-003
	Influent	Influent	Influent	Influent	Influent

Trichloroethene, ug/L	2.6	3.6	3.3	2.3	2.4
1,1-Dichloroethane, ug/L	--	--	--	--	--

Sample Date:	4/17/2003	5/14/2003	9/10/2003	12/17/2003	3/3/2004
Sample Id:	MD-17360-041703-JB-063	MD-17360-051403-JB-002	MD-17360-091003-JB-002	MD-17360-121703-JB-002	MD-17360-121703-JB-002
	Intermediate	Intermediate	Intermediate	Intermediate	Intermediate

Trichloroethene, ug/L	<1	<1	<1	<1	<1
1,1-Dichloroethane, ug/L	--	--	--	--	--

Sample Date:	4/17/2003	5/14/2003	9/10/2003	12/17/2003	3/3/2004
Sample Id:	EF-17360-041703-JB-062	EF-17360-051403-JB-001	EF-17360-091003-JB-001	EF-17360-121703-JB-001	EF-17360-121703-JB-001
	Effluent	Effluent	Effluent	Effluent	Effluent

Trichloroethene, ug/L	<1	<1	<1	<1	<1
1,1-Dichloroethane, ug/L	--	--	--	--	--

-- = Not analyzed.

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TCE Treatment System
Influent, Intermediate, and Effluent**

SITE: NPDES Discharge
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Sample Date:	9/8/2004	12/8/2004	1/5/2005	2/15/2005
Sample Id:	IN-17360-090804-JB-003	IN-17360-120804-JB-003	INF-17360-010505-JB-003	INF-17360-021505-JB-003
	Influent	Influent	Influent	Influent
Trichloroethene, ug/L	1.8	2.2	2.2	2.5
1,1-Dichloroethane, ug/L	--	--	--	--

Sample Date:	9/8/2004	12/8/2004	1/5/2005	2/15/2005
Sample Id:	MD-17360-090804-JB-002	MD-17360-120804-JB-002	MD-17360-010505-JB-002	MD-17360-021505-JB-002
	Intermediate	Intermediate	Intermediate	Intermediate
Trichloroethene, ug/L	1.0	<1	<1	<1
1,1-Dichloroethane, ug/L	--	--	--	--

Sample Date:	9/8/2004	12/8/2004	1/5/2005	2/15/2005
Sample Id:	EF-17360-090804-JB-001	EF-17360-0120804-JB-001	EF-17360-010505-JB-001	EF-17360-021505-JB-001
	Effluent	Effluent	Effluent	Effluent
Trichloroethene, ug/L	<1	<1	<1	<1
1,1-Dichloroethane, ug/L	--	--	--	--

**General Motors
Grand Rapids Metal Fabrication Plant
Soil Vapor Recovery System Summary/Analytical Data**

SITE: 87-3
REVISION: 1/7/2011

Sample Date:	2/21/1989	3/30/1989	5/5/1989	6/9/1989	7/10/1989	8/11/1989	9/14/1989	10/12/1989	11/8/1989	12/15/1989	1/5/1990	2/9/1990	3/7/1990
Sample Id:	A01371	A02417	A03698	A04804	A05852	A07215	A08211	A09893	A01432	A02717	A03243	A04267	A04990
	Influent	Influent	Influent	Influent	Influent	Influent	Influent	Influent	Influent	Influent	Influent	Influent	Influent
Trichloroethene, mg/m3	138	114	61.3	51.9	71.9	18.1	26	11	16	16.7	18	18	22
Barometric Pressure, mm/Hg	760	--	760	754	768	743	743	743	--	--	766	756	759
Temperature, Deg C.	43	--	43	43	43	24	24	24	--	--	--	38	38

Sample Id:	A01372	A02418	A03700	A04806	A05854	A07217	A08213	A09895	A01434	A02719	A03245	A04269	A04992
	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent
Trichloroethene, mg/m3	<2.4	<5.87	<8.6	<8.6	<8.8	<5.3	<5	<5.3	<5	<1	10	<1.2	<1
Barometric Pressure, mm/Hg	760	--	760	754	768	743	743	743	--	--	766	756	759
Temperature, Deg C.	24	--	43	43	43	24	24	24	--	--	--	38	38

-- = Not Analyzed

**General Motors
Grand Rapids Metal Fabrication Plant
Soil Vapor Recovery System Summary/Analytical Data**

SITE: 87-3
REVISION: 1/7/2011

Sample Date:	4/4/1990	5/3/1990	6/4/1990	7/5/1990	8/8/1990	9/11/1990	10/2/1990	11/9/1990	12/3/1990	1/14/1991	3/5/1991	6/6/1991	9/3/1991
Sample Id:	A06111	A07192	A08769	A09819	A01186	A02890	H3925	H5796	H7001	A0522	A2685	A6486	A0911
	Influent	Influent	Influent	Influent	Influent	Influent	Influent	Influent	Influent	Influent	Influent	Influent	Influent
Trichloroethene, mg/m3	6	7	9	11	2	1	1	1	2	3	1	6	6
Barometric Pressure, mm/Hg	--	--	763	761	766	--	765	760	750	758	754	--	763.19
Temperature, Deg C.	--	--	28	35	30	25	40	35	30	35	40	--	33

Sample Id:	A06113	A07194	A08771	A09821	A01188	A02892	H3927	H5798	H7003	A0524	A2687	A6488	A0913
	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent
Trichloroethene, mg/m3	<1	<1	<1	2	<1	<.7	<.7	<1	<1	<1	<1	<1	<1
Barometric Pressure, mm/Hg	--	--	763	761	766	--	765	760	750	758	754	--	763.19
Temperature, Deg C.	--	--	28	35	30	25	40	35	30	35	40	--	33

-- = Not Analyzed

* = Sample broken, resampling not done due to system being down.

**General Motors
Grand Rapids Metal Fabrication Plant
Soil Vapor Recovery System Summary/Analytical Data**

SITE: 87-3
REVISION: 1/7/2011

Sample Date:	12/3/1991	1/27/1992	3/10/1992	6/30/1992	12/11/1992	2/12/1993	3/11/1993	6/14/1993	9/15/1993	12/17/1993	3/16/1994	6/14/1994	9/14/1994
Sample Id:	--	A01551	A04442	A00266	E40346	E45474	E47634	E56573	E66018	E75737	E81231	E89637	E97431
	Influent	Influent	Influent	Influent	Influent	Influent	Influent	Influent	Influent	Influent	Influent	Influent	Influent
Trichloroethene, mg/m3	*	7	3	<1	44.7	7.9	7.74	4.8	4.8	3.2	5.3	6.3	5.5
Barometric Pressure, mm/Hg	*	744.22	730.50	--	--	--	--	--	--	--	--	--	--
Temperature, Deg C.	*	--	--	--	--	--	--	--	--	--	--	--	--

Sample Id:	--	A05367	A04444	A00268	E40344	E47636	E47636	E56571	E66017	E75739	E81233	E89984	E97433
	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent
Trichloroethene, mg/m3	*	<1	4	6	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
Barometric Pressure, mm/Hg	*	744.22	730.50	--	--	--	--	--	--	--	--	--	--
Temperature, Deg C.	*	--	--	--	--	--	--	--	--	--	--	--	--

-- = Not Analyzed

* Airzorb carbon units replaced with GM-assembled carbon units.

**General Motors
Grand Rapids Metal Fabrication Plant
Soil Vapor Recovery System Summary/Analytical Data**

SITE: 87-3
REVISION: 1/7/2011

Sample Date:	12/16/1994	3/17/1995	6/20/1995	9/14/1995	12/19/1995	3/19/1996	6/13/1996	9/13/1996	12/13/1996	3/13/1997	6/19/1997	9/19/1997	12/17/1997
Sample Id:	E106389	E112941	E120782	E127399	E134901	E139799	E146827	E154105	E161514	E166232	E178326	E178326	E184888
	Influent	Influent	Influent	Influent	Influent	Influent	Influent	Influent	Influent	Influent	Influent	Influent	Influent
Trichloroethene, mg/m3	5.9	3	3.9	<0.4	3.8	3.8	2.8	4.0	3.2	2.8	2.7	3.9	2.3
Barometric Pressure, mm/Hg	--	--	--	--	--	--	--	--	--	--	--	--	--
Temperature, Deg C.	--	--	--	--	--	--	--	--	--	--	--	--	--

Sample Id:	E106391	E112943	E120784	E127401	E134903	E139801	E146829	E154107	E161516	E166234	E172372	E178328	E184890
	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent
Trichloroethene, mg/m3	3.0	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	0.79	3.0#	<0.4	<0.4
Barometric Pressure, mm/Hg	--	--	--	--	--	--	--	--	--	--	--	--	--
Temperature, Deg C.	--	--	--	--	--	--	--	--	--	--	--	--	--

-- = Not Analyzed

-- = Not Analyzed

= Sample label was likely switched in the field with the intermediate sample label.

**General Motors
Grand Rapids Metal Fabrication Plant
Soil Vapor Recovery System Summary/Analytical Data**

SITE: 87-3
REVISION: 1/7/2011

Sample Date:	3/12/1998	6/17/1998	9/17/1998	12/16/1998	3/11/1999	6/15/1999	9/20/1999	12/16/1999	3/16/2000	6/13/2000	9/22/2000
Sample Id:	E190709	82954-3411	84367-8361	85755-2509	90995-6100	92195-0021	3991972004	3993622023	3001157001	3002633024	E261212
	Influent	Influent	Influent	Influent	Influent	Influent	Influent	Influent	Influent	Influent	Influent
Trichloroethene, mg/m3	1.6	4	2	2.9	3	4	3	4	3	1	1.7
Barometric Pressure, mm/Hg	--	--	--	--	--	--	--	--	--	--	--
Temperature, Deg C.	--	--	--	--	--	--	--	--	--	--	--

Sample Id:	E190711	82954-3413	84367-8363	85755-2511	90995-6102	92195-0023	3991972006	3993622024	3001157002		E261214
	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent
Trichloroethene, mg/m3	1.3	<1	<1	<1	<1	<1	2	<1	<1	<1	<0.4
Barometric Pressure, mm/Hg	--	--	--	--	--	--	--	--	--	--	--
Temperature, Deg C.	--	--	--	--	--	--	--	--	--	--	--

-- = Not analyzed.

⁽¹⁾ Full sample number includes AR-17360

**General Motors
Grand Rapids Metal Fabrication Plant
Soil Vapor Recovery System Summary/Analytical Data**

SITE: 87-3
REVISION: 1/7/2011

Sample Date:	12/20/2000	3/21/2001	6/13/2001	9/13/2001	12/19/2001	4/2/2003
Sample Id:	E268246	E274369	E281008	E287735	E295696	(1)-040203-JB-003
	Influent	Influent	Influent	Influent	Influent	Influent
Trichloroethene, mg/m3	1.3	0.6	1.3	1.5	1.2	2.7
Barometric Pressure, mm/Hg	--	--	--	--	--	--
Temperature, Deg C.	--	--	--	--	--	--

Sample Id:	E268248	E274370	E281010	E287737	E295698	(1)-040203-JB-001
	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent
Trichloroethene, mg/m3	0.51	<0.4	<0.4	<0.4	<0.4	0.7
Barometric Pressure, mm/Hg	--	--	--	--	--	--
Temperature, Deg C.	--	--	--	--	--	--

**General Motors
Grand Rapids Metal Fabrication Plant
Soil Vapor Recovery System Summary/Flow Data**

SITE: 87-3
REVISION: 1/7/2011

Date	Flow Meter Reading (%)	Air Flow Rate (ACFM)
02/21/89	100	NA
03/02/89	103	180
03/15/89	102	102359
03/20/89	102	289099
03/30/89	101	741130
04/06/89	102	979200
04/14/89	102	577020
04/21/89	102	NA
05/05/89	100	152
05/22/89	101	NA
06/09/89	101	NA
06/23/89	101	NA
07/10/89	101	NA
07/28/89	102	NA
08/11/89	105	NA
08/22/89	101	NA
09/14/89	100	NA
10/13/89	NA	NA
11/08/89	102	NA
12/15/89	103	NA
01/05/90	104	NA
02/09/90	103	NA
03/07/90	103	NA
04/04/90	103	NA
05/03/90	105	NA
06/04/90	104	NA
07/05/90	104	NA
07/20/90	104	NA
08/08/90	104	NA
09/11/90	105	NA
10/02/90	104	NA
11/09/90	105	NA
12/03/90	130	NA
01/14/91	105	NA
03/05/91	NA	NA
03/26/91	105	NA
06/06/91	105	NA
09/03/91	105	NA
09/26/91	105	NA
09/26/91	105	NA
12/02/91	103	NA
01/06/92	NA	NA
01/27/92	105	NA
03/10/92	105	NA
06/30/92	100	NA
12/11/92	73	85.9
02/12/93	74	87.2

NA = Not Available

Note: Airzorb carbon units replaced with GM-assembled carbon units in December of 1991.

General Motors
Grand Rapids Metal Fabrication Plant
Soil Vapor Recovery System Summary/Flow Data

SITE: 87-3
REVISION: 1/7/2011

Date	Flow Meter Reading (%)	Air Flow Rate (ACFM)
03/11/93	74	87.2
06/12/93	75	88.5
09/15/93	76	89.8
12/17/93	75	88.5
03/16/94	75	88.5
06/14/94	75	88.5
09/14/94	75	88.5
12/16/94	75	88.5
03/17/95	75	88.5
06/20/95	60	70.0
09/14/95	74	87.2
12/19/95	74	87.2
03/19/96	75	88.5
06/13/96	75	88.5
09/13/96	74	87.2
12/13/96	74	87.2
03/13/97	72	84.6
06/19/97	75	88.5
09/19/97	72	84.6
12/17/97	70	82.0
03/12/98	70	82.0
06/17/98	70	82.0
09/17/98	86	102.8
12/16/98	70	80.0
03/11/99	70	82.0
06/15/99	68	79.4
09/20/99	69	80.7
12/16/99	68	79.4
03/16/00	74	87.2
06/13/00	70	82.0
09/22/00	75	88.5
12/20/00	72	84.6
03/21/01	63	72.9
06/13/01	72	84.6
09/13/01	72	84.6
12/19/01	70	82.0

Note: Airzorb carbon units replaced with GM-assembled carbon units in December of 1991.
 SVE system shutdown in May 2003