CONESTOGA-ROVERS & ASSOCIATES

1801 Old Highway 8 Northwest, Suite 114
St. Paul, Minnesota 55112
Telephone: (651) 639-0913 Fax: (651) 639-0923
www.CRAworld.com

December 15, 2014 Reference No. 002012

Mr. Fred Campbell
Minnesota Pollution Control Agency
Remediation Division
Superfund and Emergency Response Section
520 Lafayette Road
St. Paul, Minnesota 55155-4194

Dear Mr. Campbell:

Re: Data Report
October 2014 Residential Well Sampling Event
North Oaks, Minnesota

On behalf of Whirlpool Corporation and Reynolds Metals Company, Conestoga-Rovers & Associates (CRA) has prepared the following data report associated with the Residential Well Sampling Event conducted in North Oaks, Minnesota in October 2014. The October 2014 Residential Well Sampling Event was conducted in general accordance with the long-term monitoring program outlined in CRA's Feasibility Study Report (dated July 26, 2007 and approved by the Minnesota Pollution Control Agency (MPCA) on November 7, 2007 and as proposed in CRA's letter to MPCA dated September 10, 2014.

A discussion of the work performed and summary of the sampling results are presented below.

Sampling Program

During the period from September 29, 2014 through October 8, 2014, CRA and MPCA attempted to collect samples from a total of 66 residential well locations in North Oaks. Samples were only collected from well locations where expressed permission was obtained and a water source at the residence was accessible (61 locations). Samples were not collected from five proposed locations because the resident declined sampling, did not respond, or had their water turned off for the season (see field notes in Table 1).

Where possible, samples were collected from an outside tap and/or from an untreated water source (i.e., not softened or filtered). Prior to sampling, the tap was allowed to run (purge) for at least 20 minutes to purge the water line and pressure tank of residual water. The purge rate

was measured and recorded. If a sample was collected from an outside tap, the water was directed via hose to an area of the yard that minimized the creation of pooled water or ice in an undesirable location. Field measurements for pH, conductivity, temperature, dissolved oxygen, and oxidation reduction potential (ORP) were taken after purging, at the time of sampling. Seven (7) duplicate samples, seven (7) field blank samples, and four (4) matrix spike/matrix spike duplicate (MS/MSD) samples were collected for quality assurance/quality control (QA/QC) purposes. A sampling summary is provided in Table 1.

Water samples were collected directly from the tap after the purge hose was disconnected. Samples were placed on ice immediately following sample collection and were sent by courier to the laboratory using standard chain-of-custody procedures. Samples were submitted for analysis of VOCs and chloride to TestAmerica Laboratories (TAL), Inc. in Buffalo, New York. VOC samples were submitted for low level VOC analysis by Method 524.2. Chloride samples were submitted for analysis by Method 300.0A. A trip blank was included with each sample cooler containing VOC samples.

Sampling Results

Laboratory analytical reports and CRA's Data Quality Assessment and Validation memorandum associated with the October 2014 Residential Well Sampling Event are provided as Attachments A and B, respectively. A summary of detected compounds from the October 2014 Residential Well Sampling Event is presented in Table 2. Table 2 also presents the current Minnesota Department of Health (MDH) Health-Based Guidance (HBG) for each compound detected.

The October 2014 sampling results are generally consistent with results from previous sampling rounds conducted from October 2004 through April 2014.

Vinyl chloride concentrations from the October 2014 Residential Well Sampling Event are presented on Figure 1. As shown on Figure 1 and in Table 2, vinyl chloride was not detected in any of the residential well samples collected in October 2014. The method detection limit (MDL) associated with the October 2014 laboratory results for vinyl chloride is 0.059 µg/L (i.e. any vinyl chloride concentrations detected between the MDL [0.059 µg/L] and the reporting

limit (RL) [0.2 µg/L] would have been reported and flagged as estimated [J]). The MDH Health Risk Limit (HRL) for vinyl chloride is 0.2 µg/L.

Updated graphs of historical vinyl chloride sampling results at residential wells where vinyl chloride has been detected previously are provided in Attachment C.

Two additional Site-related VOCs[1] (1,1-dichloroethane and toluene) and two other frequently-detected compounds (dichlorodifluoromethane and dichlorofluoromethane) were detected in residential well samples collected in October 2014. All detected concentrations are below their respective HBG. These additional VOC detections are discussed separately, in the paragraphs below.

1,1-dichloroethane (11DCA) was detected in four residential well samples collected in October 2014 (see Table 2) at concentrations ranging from 0.58 µg/L (9 Duck Pass Road) to 1.9 µg/L (22 Duck Pass Road). The October 2014 detections of 11DCA are consistent with previous sampling results. As of October 2014, 11DCA detections in residential wells remain well below the Risk Assessment Advice (RAA) for 11DCA (100 µg/L). There is no current HRL established for 11DCA.

Toluene was detected in one residential well sample collected in October 2014 (see Table 2) at a concentration of 1.1 µg/L (44 Robb Farm Road). Periodic detections of toluene are consistent with previous sampling results. As of October 2014, toluene detections in residential wells remain well below the HRL for toluene (200 µg/L).

Dichlorodifluoromethane (DCDFM) was detected in four residential well sample collected in October 2014 (see Table 2) at concentrations ranging from of 0.50 µg/L (9 Duck Pass Road) to 2.3 µg/L (22 Duck Pass Road). The October 2014 detections of DCDFM are consistent with previous sampling results. As of October 2014, DCDFM detections in residential wells remain well below the HRL for DCDFM (700 µg/L).

Dichlorofluoromethane (DCFM) was detected in two residential well samples collected in October 2014 (see Table 2) at concentrations ranging from 0.61 µg/L (20 Duck Pass Road) to

[1] As identified on Table 1 of MPCA's MDD Amendment dated August 26, 2008 (1,1,2-trichloroethene (TCE), vinyl chloride, trans-1,2-dichloroethene, 1,1-dichloroethane, benzene, toluene, and methyl ethyl keytone).

1.1 µg/L (22 Duck Pass Road). The October 2014 detections of DCFM are consistent with previous sampling results. There is no HBG established for DCFM.

Chloride concentrations in residential well samples collected in October 2014 ranged from an estimated (J) concentration of 1.2 mg/L (38 East Oaks Road) to an estimated (J) concentration of 70.8 mg/L (28 Duck Pass Road) (see Table 2). Chloride has historically been detected in residential wells at similar concentrations.

Future Sampling

The next residential well sampling event in North Oaks is scheduled for April 2015.

If you have any questions or require additional information, please call me at (651) 639-0913.

Sincerely,

CONESTOGA-ROVERS & ASSOCIATES

Sarah Illi, P.E.

MLR/sb/71
Encl.

cc: Nile Fellows, Minnesota Pollution Control Agency
Emily Hansen, Minnesota Department of Health
Mayor John Schaaf, City of North Oaks
Mike Robertson, City of North Oaks
Michelle Hosfield, Wenck Associates
North Oaks Homeowners' Association
Highway 96 Group

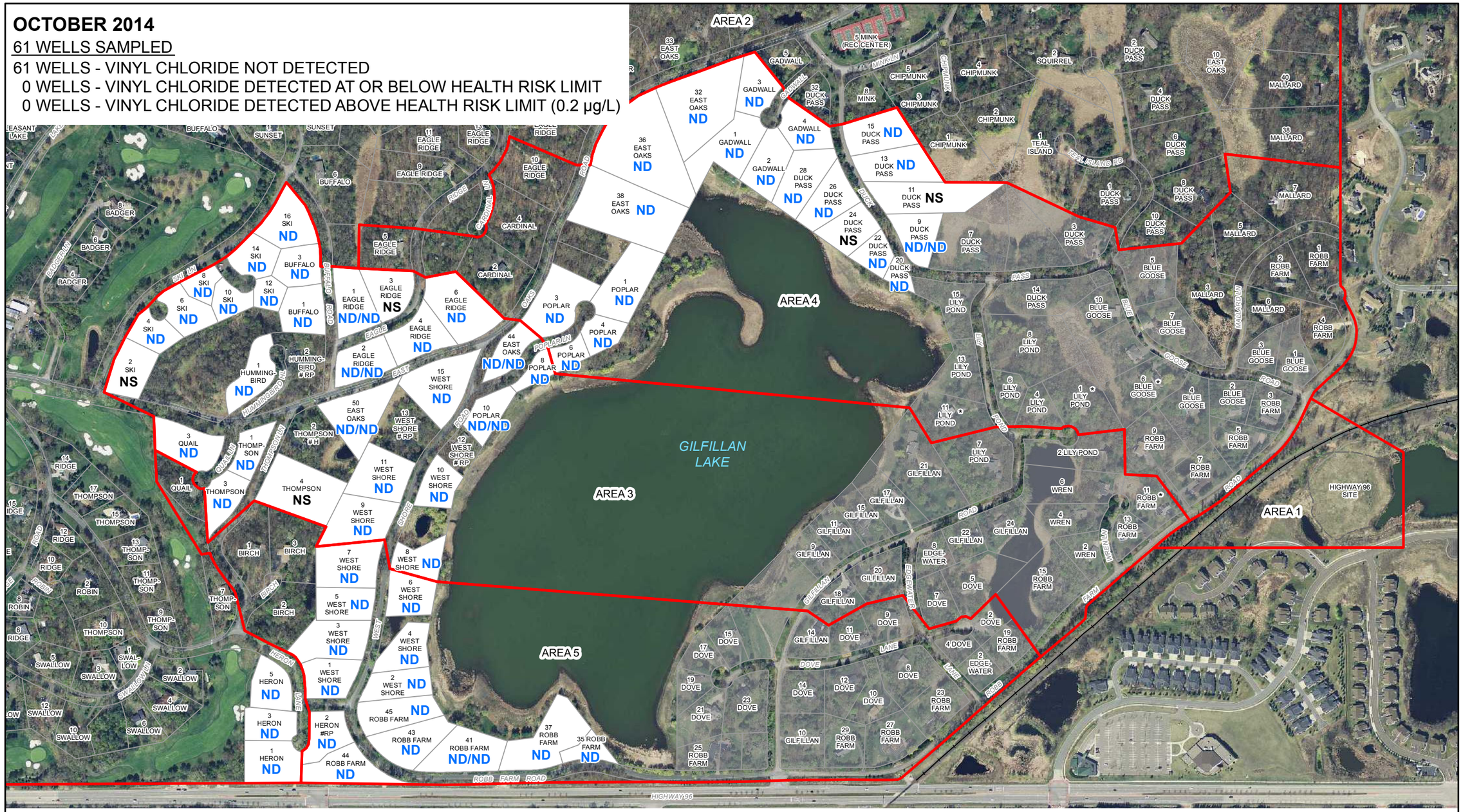
OCTOBER 2014

61 WELLS SAMPLED

61 WELLS - VINYL CHLORIDE NOT DETECTED

0 WELLS - VINYL CHLORIDE DETECTED AT OR BELOW HEALTH RISK LIMIT

0 WELLS - VINYL CHLORIDE DETECTED ABOVE HEALTH RISK LIMIT (0.2 µg/L)



LEGEND

ND	VINYL CHLORIDE NOT DETECTED (DETECTION LIMIT = 0.059 µg/L)
ND/ND	DUPLICATE SAMPLE RESULT
NS	NOT SAMPLED (NO RESPONSE/DECLINED/WATER OFF)
	CONNECTED TO MUNICIPAL WATER SUPPLY
# RP	NEW (DEEPER) REPLACEMENT WELL INSTALLED BY RPs
# H	NEW (DEEPER) REPLACEMENT WELL INSTALLED BY HOMEOWNER
*	CONVERTED RESIDENTIAL MONITORING WELL LOCATION
	GEOGRAPHIC AREAS

N

0 250 500 ft

figure 1

VINYL CHLORIDE CONCENTRATIONS (OCTOBER 2014)

North Oaks, Minnesota

002012-00(CAMPBELL071)GIS-SP001 DEC 01/2014

TABLE 1

SAMPLING SUMMARY
OCTOBER 2014
RESIDENTIAL WELL SAMPLING EVENT
NORTH OAKS, MINNESOTA

Well Address	*Sample ID*	*Sampled By*	*Date (m/d/yyyy)*	*Purge Time (min)*	*Rate (gpm)*	*pH*	*Temp (oC)*	*Cond (us/cm)*	*DO (mg/L)*	*ORP (mV)*	*Clarity*	*QA/QC*	*QA/QC Sample ID*	*Notes*
1 Buffalo Road	W-140929-MLR-025	CRA	9/29/2014	23	8	7.43	10.16	683	4.67	-100	Clear	- -	- -	- -
3 Buffalo Road	W-140929-MLR-024	CRA	9/29/2014	22	8	7.42	9.77	721	4.16	-87	Clear	- -	- -	- -
9 Duck Pass Road	W-140929-MLR-001	CRA	9/29/2014	20	6	7.04	10.44	736	5.47	-4	Clear	Duplicate	W-140929-MLR-002	- -
11 Duck Pass Road	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	Not Sampled - No response from resident.
13 Duck Pass Road	W-140929-MLR-005	CRA	9/29/2014	20	5	7.31	9.78	6.31	3.18	-81	Clear	Field Blank	W-140929-MLR-006	- -
15 Duck Pass Road	15 Duck Pass	MPCA	10/2/2014	20	6.5	NM	7.5	NM	NM	NM	NR	- -	- -	- -
20 Duck Pass Road	W-140929-MLR-003	CRA	9/29/2014	21	8	6.51	10.00	732	5.77	-40	Clear	- -	- -	- -
22 Duck Pass Road	W-140929-MLR-004	CRA	9/29/2014	20	10	6.75	9.94	754	5.50	-59	Clear	- -	- -	- -
24 Duck Pass Road	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	Not Sampled - Resident declined.
26 Duck Pass Road	W-140929-MLR-007	CRA	9/29/2014	22	6	7.16	9.78	648	4.75	-58	Clear	- -	- -	- -
28 Duck Pass Road	W-140929-MLR-008	CRA	9/29/2014	23	10	7.04	10.58	731	5.56	-3	Clear	- -	- -	- -
32 East Oaks Road	W-140929-MLR-012	CRA	9/29/2014	22	10	7.82	10.01	569	3.27	-97	Clear	- -	- -	- -
36 East Oaks Road	W-140929-MLR-013	CRA	9/29/2014	22	8	7.32	10.51	628	3.40	-98	Clear	- -	- -	- -
38 East Oaks Road	W-140929-MLR-014	CRA	9/29/2014	22	5	7.93	10.80	422	3.26	-69	Clear	- -	- -	Treated sample (resident unbable to bypass softener).
44 East Oaks Road	W-140929-MLR-015	CRA	9/29/2014	22	8	7.83	10.73	572	3.50	-89	Clear	Duplicate	W-140929-MLR-016	- -
50 East Oaks Road	50 EAST OAKS	MPCA	10/2/2014	20	9.0	NM	8.0	NM	NM	NM	NR	Duplicate	50 East Oaks Dup	- -
1 Eagle Ridge Road	W-140929-MLR-026	CRA	9/29/2014	20	5	7.46	13.13	599	4.03	-75	Clear	Duplicate	W-140929-MLR-027	Treated sample (iron filter not bypassed per resident's request).
2 Eagle Ridge Road	W-141008-MLR-069	CRA	10/8/2014	20	5	7.64	11.36	619	6.78	-128	Clear	Field Blank; MS/MSD; Duplicate	W-141008-MLR-068 (Field Blank) W-141008-MLR-070 (Duplicate)	- -

TABLE 1

SAMPLING SUMMARY
OCTOBER 2014
RESIDENTIAL WELL SAMPLING EVENT
NORTH OAKS, MINNESOTA

Well Address	*Sample ID*	*Sampled By*	*Date (m/d/yyyy)*	*Purge Time (min)*	*Rate (gpm)*	*pH*	*Temp (oC)*	*Cond (us/cm)*	*DO (mg/L)*	*ORP (mV)*	*Clarity*	*QA/QC*	*QA/QC Sample ID*	*Notes*
3 Eagle Ridge Road	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	Not Sampled - No response from resident.
4 Eagle Ridge Road	W-140929-MLR-028	CRA	9/29/2014	21	5	7.66	10.86	682	3.09	-123	Clear	- -	- -	- -
6 Eagle Ridge Road	W-140929-MLR-029	CRA	9/29/2014	22	10	7.39	10.69	777	2.34	-108	Clear	- -	- -	- -
1 Gadwall Lane	W-140929-MLR-011	CRA	9/29/2014	22	6	7.52	10.10	646	5.35	-86	Clear	- -	- -	- -
2 Gadwall Lane	W-140929-MLR-010	CRA	9/29/2014	21	5	7.53	10.66	636	3.89	-85	Clear	- -	- -	- -
3 Gadwall Lane	W-140929-MLR-009	CRA	9/29/2014	21	5	7.74	10.39	536	3.99	-67	Clear	MS/MSD	- -	- -
4 Gadwall Lane	W-141001-MLR-063	CRA	10/1/2014	10	12	7.19	11.30	663	4.58	-108	Clear	- -	- -	Decreased purge time per resident's request. (Resident indicated they had been running water all morning). Sample collected through hose per resident's request.
1 Hummingbird Hill	1 Hummingbird	MPCA	10/2/2014	20	6.5	NM	7.0	NM	NM	NM	NR	- -	- -	- -
1 Heron Lane #	W-140929-MLR-034	CRA	9/29/2014	20	5	7.09	12.47	704	2.41	-48	Clear	- -	- -	- -
2 Heron Lane (New Well)	W-140929-MLR-035	CRA	9/29/2014	22	16	7.64	11.31	584	3.10	-51	Clear	- -	- -	- -
3 Heron Lane #	W-141001-MLR-055	CRA	10/1/2014	20	5	6.86	11.88	728	6.25	-104	Clear	MS/MSD	- -	- -
5 Heron Lane #	W-140929-MLR-033	CRA	9/29/2014	20	8	7.56	10.95	769	6.75	-133	Clear	Field Blank	W-140929-MLR-032	- -
1 Poplar Lane	W-141001-MLR-060	CRA	10/1/2014	20	8	7.35	10.75	426	3.57	-110	Clear	Field Blank	W-141001-MLR-059	- -
3 Poplar Lane	W-141001-MLR-058	CRA	10/1/2014	21	6	6.80	10.12	630	2.86	-77	Clear	- -	- -	- -
4 Poplar Lane	W-140930-MLR-054	CRA	9/30/2014	10	6	7.45	11.14	495	2.10	-119	Clear	- -	- -	Treated sample (softner). Reduced purge time per resident's request.
6 Poplar Lane	W-141002-MLR-064	CRA	10/2/2014	20	5	6.60	10.73	426	7.26	-51	Clear	- -	- -	- -
8 Poplar Lane	W-140930-MLR-053	CRA	9/30/2014	20	9	6.70	11.23	469	2.48	-71	Clear	- -	- -	- -

TABLE 1

SAMPLING SUMMARY
OCTOBER 2014
RESIDENTIAL WELL SAMPLING EVENT
NORTH OAKS, MINNESOTA

Well Address	*Sample ID*	*Sampled By*	*Date (m/d/yyyy)*	*Purge Time (min)*	*Rate (gpm)*	*pH*	*Temp (oC)*	*Cond (us/cm)*	*DO (mg/L)*	*ORP (mV)*	*Clarity*	*QA/QC*	*QA/QC Sample ID*	*Notes*
10 Poplar Lane	W-141001-MLR-056	CRA	10/1/2014	20	10	6.70	11.12	659	3.39	-88	Clear	Duplicate	W-141001-MLR-057	- -
3 Quail Lane	W-140929-MLR-030	CRA	9/29/2014	20	10	7.67	10.45	722	2.97	-64	Clear	- -	- -	- -
35 Robb Farm Road	W-140930-MLR-037	CRA	9/30/2014	20	8	6.56	10.26	600	MM	-84	Clear	MS/MSD	- -	- -
37 Robb Farm Road	W-140930-MLR-038	CRA	9/30/2014	20	10	6.85	10.98	430	6.77	-99	Clear	- -	- -	- -
41 Robb Farm Road	W-140930-MLR-039	CRA	9/30/2014	20	10	6.64	10.49	390	3.91	-50	Clear	Duplicate	W-140930-MLR-040	- -
43 Robb Farm Road	W-140930-MLR-041	CRA	9/30/2014	20	9	6.76	10.81	534	4.71	-78	Clear	- -	- -	- -
44 Robb Farm Road	W-141008-MLR-067	CRA	10/8/2014	20	5	7.15	12.93	694	2.05	-134	Clear	- -	- -	- -
45 Robb Farm Road	W-140930-MLR-042	CRA	9/30/2014	20	10	7.01	11.16	468	4.46	-38	Clear	- -	- -	- -
2 Ski Lane	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	Not Sampled - No response from resident.
4 Ski Lane	W-140929-MLR-017	CRA	9/29/2014	20	12	7.45	9.83	672	3.43	-80	Clear	- -	- -	- -
6 Ski Lane	W-140929-MLR-018	CRA	9/29/2014	20	5	7.34	10.23	649	6.42	-13	Clear	- -	- -	- -
8 Ski Lane	W-141001-MLR-062	CRA	10/1/2014	20	8	7.04	10.28	623	3.59	-101	Clear	- -	- -	- -
10 Ski Lane	W-140929-MLR-020	CRA	9/29/2014	23	8	7.67	10.18	672	4.10	-75	Clear	Field Blank	W-140929-MLR-019	- -
12 Ski Lane	W-140929-MLR-021	CRA	9/29/2014	22	5	7.55	10.26	628	2.72	-84	Clear	- -	- -	- -
14 Ski Lane	W-140929-MLR-022	CRA	9/29/2014	20	5	7.40	10.34	718	3.92	-94	Clear	- -	- -	- -
16 Ski Lane	W-140929-MLR-023	CRA	9/29/2014	20	8	7.64	9.96	643	3.87	-95	Clear	- -	- -	- -
1 Thompson Lane	W-141002-MLR-066	CRA	10/2/2014	15	5	7.43	11.65	556	3.05	-114	Clear	Field Blank	W-141002-MLR-065	Reduced purge time because untreated spigot is directly from well.
3 Thompson Lane	W-140929-MLR-031	CRA	9/29/2014	21	5	7.52	11.45	656	6.32	-123	Clear	- -	- -	- -

TABLE 1

SAMPLING SUMMARY
OCTOBER 2014
RESIDENTIAL WELL SAMPLING EVENT
NORTH OAKS, MINNESOTA

Well Address	*Sample ID*	*Sampled By*	*Date (m/d/yyyy)*	*Purge Time (min)*	*Rate (gpm)*	*pH*	*Temp (oC)*	*Cond (us/cm)*	*DO (mg/L)*	*ORP (mV)*	*Clarity*	*QA/QC*	*QA/QC Sample ID*	*Notes*
4 Thompson Lane	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	Not Sampled - Resident gave permission to sample, however water was turned off for the winter.
1 West Shore Road	W-140929-MLR-036	CRA	9/29/2014	23	6	7.48	11.11	770	2.87	-121	Clear	- -	- -	- -
2 West Shore Road	W-140930-MLR-043	CRA	9/30/2014	20	6	7.22	11.01	558	2.65	-118	Clear	- -	- -	- -
3 West Shore Road	W-140930-MLR-045	CRA	9/30/2014	22	10	7.08	10.83	444	3.80	-87	Clear	Field Blank	W-140930-MLR-046	- -
4 West Shore Road	W-140930-MLR-044	CRA	9/30/2014	20	14	7.13	11.56	552	6.26	-100	Clear	- -	- -	- -
5 West Shore Road	W-140930-MLR-047	CRA	9/30/2014	20	8	7.02	10.98	459	3.31	-104	Clear	- -	- -	- -
6 West Shore Road	W-140930-MLR-048	CRA	9/30/2014	22	9	7.15	11.39	429	4.22	-82	Clear	- -	- -	- -
7 West Shore Road	W-140930-MLR-049	CRA	9/30/2014	28	12	7.33	10.67	454	4.86	-97	Clear	- -	- -	- -
8 West Shore Road	8 West Shore	MPCA	10/2/2014	20	7.5	NM	6.5	NM	NM	NM	NR	- -	- -	- -
9 West Shore Road	W-140930-MLR-050	CRA	9/30/2014	20	6	7.33	11.20	455	1.71	-123	Clear	- -	- -	- -
10 West Shore Road	W-140930-MLR-051	CRA	9/30/2014	20	8	7.27	11.14	498	5.43	-93	Clear	- -	- -	- -
11 West Shore Road	W-141001-MLR-061	CRA	10/1/2014	20	8	7.28	12.16	700	2.60	-124	Clear	- -	- -	Sample collected through dedicated hose (buried).
15 West Shore Road	W-140930-MLR-052	CRA	9/30/2014	20	8	7.50	11.19	527	2.64	-43	Clear	- -	- -	- -

Notes:

- Additional sampling location (outside Long-Term Monitoring Program)
DO - Dissolved Oxygen
MM - Meter Malfunction (suspected)
NM - Not Measured
NR - Not Recorded
ORP - Oxidation Reduction Potential

TABLE 2

SUMMARY OF DETECTED COMPOUNDS
OCTOBER 2014
RESIDENTIAL WELL SAMPLING EVENT
NORTH OAKS, MINNESOTA

Address	*Date*		*Chloride*	*1,1-Dichloroethane*	*Dichlorodifluoromethane (CFC-12)*	*Dichlorofluoromethane*	*Toluene*
	MDH HBG		*---*	*100*	*700*	*---*	*200*
	Basis		*---*	*RAA*	*HRL*	*---*	*HRL*
			mg/L	*ug/L*	*ug/L*	*ug/L*	*ug/L*
1 Buffalo Road	9/29/2014		29	< 0.50	< 0.50	< 0.50	< 0.50
3 Buffalo Road	9/29/2014		36.4	< 0.50	< 0.50	< 0.50	< 0.50
9 Duck Pass Road	9/29/2014		33.2 J	0.58	0.50	< 0.50	< 0.50
9 Duck Pass Road	9/29/2014	D	34.9 J	0.63	0.65	< 0.50	< 0.50
13 Duck Pass Road	9/29/2014		23.2 J	< 0.50	< 0.50	< 0.50	< 0.50
15 Duck Pass Road	10/2/2014		21.7	< 0.50	< 0.50	< 0.50	< 0.50
20 Duck Pass Road	9/29/2014		43.9 J	0.68	1.2	0.61	< 0.50
22 Duck Pass Road	9/29/2014		46.4 J	1.9	2.3	1.1	< 0.50
26 Duck Pass Road	9/29/2014		28.7 J	< 0.50	< 0.50	< 0.50	< 0.50
28 Duck Pass Road	9/29/2014		70.8 J	< 0.50	< 0.50	< 0.50	< 0.50
1 Eagle Ridge Road	9/29/2014		16.5	< 0.50	< 0.50	< 0.50	< 0.50
1 Eagle Ridge Road	9/29/2014	D	16.5	< 0.50	< 0.50	< 0.50	< 0.50
2 Eagle Ridge Road	10/8/2014		29.9	< 0.50	< 0.50	< 0.50	< 0.50 UJ
2 Eagle Ridge Road	10/8/2014	D	29.9	< 0.50	< 0.50	< 0.50	< 0.50 UJ
4 Eagle Ridge Road	9/29/2014		25.4	< 0.50	< 0.50	< 0.50	< 0.50
6 Eagle Ridge Road	9/29/2014		48.4	< 0.50	< 0.50	< 0.50	< 0.50
32 East Oaks Road	9/29/2014		31.8 J	< 0.50	< 0.50	< 0.50	< 0.50
36 East Oaks Road	9/29/2014		24.2 J	< 0.50	< 0.50	< 0.50	< 0.50
38 East Oaks Road	9/29/2014		1.2 J	< 0.50	< 0.50	< 0.50	< 0.50
44 East Oaks Road	9/29/2014		11.7 J	< 0.50	< 0.50	< 0.50	< 0.50
44 East Oaks Road	9/29/2014	D	11.7 J	< 0.50	< 0.50	< 0.50	< 0.50
50 East Oaks Road	10/2/2014		31	< 0.50	< 0.50	< 0.50	< 0.50

TABLE 2

SUMMARY OF DETECTED COMPOUNDS
OCTOBER 2014
RESIDENTIAL WELL SAMPLING EVENT
NORTH OAKS, MINNESOTA

Address	*MDH HBG Basis* / *Date*		*Chloride* --- --- *mg/L*	*1,1-Dichloroethane* *100* *RAA* *ug/L*	*Dichlorodifluoromethane (CFC-12)* *700* *HRL* *ug/L*	*Dichlorofluoromethane* --- --- *ug/L*	*Toluene* *200* *HRL* *ug/L*
50 East Oaks Road	10/2/2014	D	31.2	< 0.50	< 0.50	< 0.50	< 0.50
1 Gadwall	9/29/2014		32.8 J	< 0.50	< 0.50	< 0.50	< 0.50
2 Gadwall	9/29/2014		27.7 J	< 0.50	< 0.50	< 0.50	< 0.50
3 Gadwall	9/29/2014		23.9 J	< 0.50	< 0.50	< 0.50	< 0.50
4 Gadwall	10/1/2014		32.4	< 0.50	< 0.50	< 0.50	< 0.50
1 Heron Lane	9/29/2014		24.8	< 0.50	< 0.50	< 0.50	< 0.50
2 Heron Lane (New Well)	9/29/2014		17.7	< 0.50	< 0.50	< 0.50	< 0.50
3 Heron Lane	10/1/2014		39.9	< 0.50	< 0.50	< 0.50	< 0.50
5 Heron Lane	9/29/2014		50.6	< 0.50	< 0.50	< 0.50	< 0.50
1 Hummingbird Hill	10/2/2014		23.9	< 0.50	< 0.50	< 0.50	< 0.50
1 Poplar Lane	10/1/2014		1.4	< 0.50	< 0.50	< 0.50	< 0.50
3 Poplar Lane	10/1/2014		20.8	< 0.50	< 0.50	< 0.50	< 0.50
4 Poplar Lane	9/30/2014		20.8	< 0.50	< 0.50	< 0.50	< 0.50
6 Poplar Lane	10/2/2014		4.8	< 0.50	< 0.50	< 0.50	< 0.50
8 Poplar Lane	9/30/2014		34.7	< 0.50	< 0.50	< 0.50	< 0.50
10 Poplar Lane	10/1/2014		15.5	< 0.50	< 0.50	< 0.50	< 0.50
10 Poplar Lane	10/1/2014	D	15.4	< 0.50	< 0.50	< 0.50	< 0.50
3 Quail Lane	9/29/2014		21.3	< 0.50	< 0.50	< 0.50	< 0.50
35 Robb Farm Road	9/30/2014		54.6	< 0.50	< 0.50	< 0.50	< 0.50
37 Robb Farm Road	9/30/2014		8	< 0.50	< 0.50	< 0.50	< 0.50
41 Robb Farm Road	9/30/2014		3.2	< 0.50	< 0.50	< 0.50	< 0.50
41 Robb Farm Road	9/30/2014	D	3.3	< 0.50	< 0.50	< 0.50	< 0.50

TABLE 2

SUMMARY OF DETECTED COMPOUNDS
OCTOBER 2014
RESIDENTIAL WELL SAMPLING EVENT
NORTH OAKS, MINNESOTA

Address	*MDH HBG Basis* / *Date*		*Chloride* --- --- *mg/L*	*1,1-Dichloroethane* *100* *RAA* *ug/L*	*Dichlorodifluoromethane (CFC-12)* *700* *HRL* *ug/L*	*Dichlorofluoromethane* --- --- *ug/L*	*Toluene* *200* *HRL* *ug/L*
43 Robb Farm Road	9/30/2014		27.2	< 0.50	< 0.50	< 0.50	< 0.50
44 Robb Farm Road	10/8/2014		52.5	< 0.50	< 0.50	< 0.50	1.1
45 Robb Farm Road	9/30/2014		22.2	< 0.50	< 0.50	< 0.50	< 0.50
4 Ski Lane	9/29/2014		40.1 J	< 0.50	< 0.50	< 0.50	< 0.50
6 Ski Lane	9/29/2014		28.2	< 0.50	< 0.50	< 0.50	< 0.50
8 Ski Lane	10/1/2014		17.1	< 0.50	< 0.50	< 0.50	< 0.50
10 Ski Lane	9/29/2014		26.7	< 0.50	< 0.50	< 0.50	< 0.50
12 Ski Lane	9/29/2014		24.8	< 0.50	< 0.50	< 0.50	< 0.50
14 Ski Lane	9/29/2014		34.6	< 0.50	< 0.50	< 0.50	< 0.50
16 Ski Lane	9/29/2014		35.7	< 0.50	< 0.50	< 0.50	< 0.50
1 Thompson Lane	10/2/2014		27.9	< 0.50	< 0.50	< 0.50	< 0.50
3 Thompson Lane	9/29/2014		12.3	< 0.50	< 0.50	< 0.50	< 0.50
1 West Shore Road	9/29/2014		42.4	< 0.50	< 0.50	< 0.50	< 0.50
2 West Shore Road	9/30/2014		46.5	< 0.50	< 0.50	< 0.50	< 0.50
3 West Shore Road	9/30/2014		5.2	< 0.50	< 0.50	< 0.50	< 0.50
4 West Shore Road	9/30/2014		37.2	< 0.50	< 0.50	< 0.50	< 0.50
5 West Shore Road	9/30/2014		7.5	< 0.50	< 0.50	< 0.50	< 0.50
6 West Shore Road	9/30/2014		4.7	< 0.50	< 0.50	< 0.50	< 0.50
7 West Shore Road	9/30/2014		6.4	< 0.50	< 0.50	< 0.50	< 0.50
8 West Shore Road	10/2/2014		12.3	< 0.50	< 0.50	< 0.50	< 0.50
9 West Shore Road	9/30/2014		5.8	< 0.50	< 0.50	< 0.50	< 0.50
10 West Shore Road	9/30/2014		26.2	< 0.50	< 0.50	< 0.50	< 0.50

TABLE 2

SUMMARY OF DETECTED COMPOUNDS
OCTOBER 2014
RESIDENTIAL WELL SAMPLING EVENT
NORTH OAKS, MINNESOTA

Address	***MDH HBG Basis*** / ***Date***		***Chloride*** --- --- ***mg/L***	***1,1-Dichloroethane*** ***100*** ***RAA*** ***ug/L***	***Dichlorodifluoromethane (CFC-12)*** ***700*** ***HRL*** ***ug/L***	***Dichlorofluoromethane*** --- --- ***ug/L***	***Toluene*** ***200*** ***HRL*** ***ug/L***
11 West Shore Road	10/1/2014		27.3	< 0.50	< 0.50	< 0.50	< 0.50
15 West Shore Road	9/30/2014		31	< 0.50	< 0.50	< 0.50	< 0.50

Notes:

MDH HBG - Health-Based Guidance (HBG) established by the Minnesota Department of Health (MDH)
(Note: if multiple guidance values are available, the lowest value is used for screening purpose
HRL - Health Risk Limit (promulgated)
RAA - Risk Assessment Advice
-- - HBG not established
D - Duplicate
J - Estimated Result
UJ - Estimated Reporting Limit

Attachment A

Laboratory Analytical Reports

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-68365-1
Client Project/Site: 002012, Highway 96 Landfill

For:
Conestoga-Rovers & Associates, Inc.
1801 Old Highway 8 NW
Suite 114
St Paul, Minnesota 55112

Attn: Mr. Grant Anderson

Melissa Deyo

Authorized for release by:
10/14/2014 9:25:34 AM

Melissa Deyo, Project Manager I
(716)504-9874
melissa.deyo@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Cover Page 1
Table of Contents 2
Definitions/Glossary 3
Case Narrative 4
Detection Summary 5
Client Sample Results 12
Surrogate Summary 122
QC Sample Results 124
QC Association Summary 159
Lab Chronicle 163
Certification Summary 174
Method Summary 175
Sample Summary 176
Detection Limit Exceptions Summary 178
Chain of Custody 179
Receipt Checklists 183

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery exceeds the control limits
F2	MS/MSD RPD exceeds control limits

General Chemistry

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery 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
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-68365-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-68365-1

Receipt
The samples were received on 10/1/2014 9:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 3 coolers at receipt time were 3.1º C, 3.6º C and 3.8º C.

GC/MS VOA
Method 524.2: The following samples contained residual chlorine upon receipt: W-140929-MLR-010 (480-68365-10), W-140929-MLR-013 (480-68365-13), W-140929-MLR-017 (480-68365-17), W-140929-MLR-018 (480-68365-18), W-140929-MLR-020 (480-68365-20), W-140929-MLR-021 (480-68365-21), W-140929-MLR-022 (480-68365-22), W-140929-MLR-023 (480-68365-23), W-140929-MLR-024 (480-68365-24), W-140929-MLR-025 (480-68365-25), W-140929-MLR-026 (480-68365-26), W-140929-MLR-027 (480-68365-27), W-140929-MLR-028 (480-68365-28), W-140929-MLR-029 (480-68365-29), W-140929-MLR-031 (480-68365-31), W-140929-MLR-033 (480-68365-33), W-140929-MLR-036 (480-68365-36), W-140930-MLR-037 (480-68365-37), W-140930-MLR-037 (480-68365-37 MS), W-140930-MLR-037 (480-68365-37 MSD), W-140930-MLR-038 (480-68365-38), W-140930-MLR-039 (480-68365-39), W-140930-MLR-040 (480-68365-40), W-140930-MLR-041 (480-68365-41), W-140930-MLR-043 (480-68365-43), W-140930-MLR-044 (480-68365-44), W-140930-MLR-045 (480-68365-45), W-140930-MLR-047 (480-68365-47), W-140930-MLR-048 (480-68365-48), W-140930-MLR-049 (480-68365-49), (480-68365-49 MS), (480-68365-49 MSD), W-140930-MLR-050 (480-68365-50), W-140930-MLR-051 (480-68365-51), W-140930-MLR-053 (480-68365-53) and W-140930-MLR-054 (480-68365-54).

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

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

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-68365-1

Client Sample ID: W-140929-MLR-001 — Lab Sample ID: 480-68365-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.58		0.50	0.074	ug/L	1		524.2	Total/NA

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.50		0.50	0.50	ug/L	1		524.2	Total/NA
Chloride	33.2		0.50	0.50	mg/L	1		300.0	Total/NA

Client Sample ID: W-140929-MLR-002 — Lab Sample ID: 480-68365-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.63		0.50	0.074	ug/L	1		524.2	Total/NA

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.65		0.50	0.50	ug/L	1		524.2	Total/NA
Chloride	34.9		0.50	0.50	mg/L	1		300.0	Total/NA

Client Sample ID: W-140929-MLR-003 — Lab Sample ID: 480-68365-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.68		0.50	0.074	ug/L	1		524.2	Total/NA

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	1.2		0.50	0.50	ug/L	1		524.2	Total/NA
Dichlorofluoromethane	0.61		0.50	0.50	ug/L	1		524.2	Total/NA
Chloride	43.9		0.50	0.50	mg/L	1		300.0	Total/NA

Client Sample ID: W-140929-MLR-004 — Lab Sample ID: 480-68365-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.9		0.50	0.074	ug/L	1		524.2	Total/NA

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.3		0.50	0.50	ug/L	1		524.2	Total/NA
Dichlorofluoromethane	1.1		0.50	0.50	ug/L	1		524.2	Total/NA
Chloride	46.4		0.50	0.50	mg/L	1		300.0	Total/NA

Client Sample ID: W-140929-MLR-005 — Lab Sample ID: 480-68365-5

No Detections.

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	23.2		0.50	0.50	mg/L	1		300.0	Total/NA

Client Sample ID: W-140929-MLR-006 — Lab Sample ID: 480-68365-6

No Detections.

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	23.0		0.50	0.50	mg/L	1		300.0	Total/NA

Client Sample ID: W-140929-MLR-007 — Lab Sample ID: 480-68365-7

No Detections.

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	28.7		0.50	0.50	mg/L	1		300.0	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-68365-1

Client Sample ID: W-140929-MLR-008 — Lab Sample ID: 480-68365-8

No Detections.

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	70.8		0.50	0.50	mg/L	1		300.0	Total/NA

Client Sample ID: W-140929-MLR-009 — Lab Sample ID: 480-68365-9

No Detections.

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	23.9		0.50	0.50	mg/L	1		300.0	Total/NA

Client Sample ID: W-140929-MLR-010 — Lab Sample ID: 480-68365-10

No Detections.

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	27.7		0.50	0.50	mg/L	1		300.0	Total/NA

Client Sample ID: W-140929-MLR-011 — Lab Sample ID: 480-68365-11

No Detections.

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	32.8		0.50	0.50	mg/L	1		300.0	Total/NA

Client Sample ID: W-140929-MLR-012 — Lab Sample ID: 480-68365-12

No Detections.

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	31.8		0.50	0.50	mg/L	1		300.0	Total/NA

Client Sample ID: W-140929-MLR-013 — Lab Sample ID: 480-68365-13

No Detections.

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	24.2		0.50	0.50	mg/L	1		300.0	Total/NA

Client Sample ID: W-140929-MLR-014 — Lab Sample ID: 480-68365-14

No Detections.

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.2		0.50	0.50	mg/L	1		300.0	Total/NA

Client Sample ID: W-140929-MLR-015 — Lab Sample ID: 480-68365-15

No Detections.

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	11.7		0.50	0.50	mg/L	1		300.0	Total/NA

Client Sample ID: W-140929-MLR-016 — Lab Sample ID: 480-68365-16

No Detections.

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	11.7		0.50	0.50	mg/L	1		300.0	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-68365-1

Client Sample ID: W-140929-MLR-017 — Lab Sample ID: 480-68365-17

No Detections.

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	40.1		0.50	0.50	mg/L	1		300.0	Total/NA

Client Sample ID: W-140929-MLR-018 — Lab Sample ID: 480-68365-18

No Detections.

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	28.2		0.50	0.50	mg/L	1		300.0	Total/NA

Client Sample ID: W-140929-MLR-019 — Lab Sample ID: 480-68365-19

No Detections.

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	21.5		0.50	0.50	mg/L	1		300.0	Total/NA

Client Sample ID: W-140929-MLR-020 — Lab Sample ID: 480-68365-20

No Detections.

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	26.7		0.50	0.50	mg/L	1		300.0	Total/NA

Client Sample ID: W-140929-MLR-021 — Lab Sample ID: 480-68365-21

No Detections.

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	24.8		0.50	0.50	mg/L	1		300.0	Total/NA

Client Sample ID: W-140929-MLR-022 — Lab Sample ID: 480-68365-22

No Detections.

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	34.6		0.50	0.50	mg/L	1		300.0	Total/NA

Client Sample ID: W-140929-MLR-023 — Lab Sample ID: 480-68365-23

No Detections.

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	35.7		0.50	0.50	mg/L	1		300.0	Total/NA

Client Sample ID: W-140929-MLR-024 — Lab Sample ID: 480-68365-24

No Detections.

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	36.4		0.50	0.50	mg/L	1		300.0	Total/NA

Client Sample ID: W-140929-MLR-025 — Lab Sample ID: 480-68365-25

No Detections.

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	29.0		0.50	0.50	mg/L	1		300.0	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-68365-1

Client Sample ID: W-140929-MLR-026 — Lab Sample ID: 480-68365-26

No Detections.

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	16.5		0.50	0.50	mg/L	1		300.0	Total/NA

Client Sample ID: W-140929-MLR-027 — Lab Sample ID: 480-68365-27

No Detections.

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	16.5		0.50	0.50	mg/L	1		300.0	Total/NA

Client Sample ID: W-140929-MLR-028 — Lab Sample ID: 480-68365-28

No Detections.

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	25.4		0.50	0.50	mg/L	1		300.0	Total/NA

Client Sample ID: W-140929-MLR-029 — Lab Sample ID: 480-68365-29

No Detections.

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	48.4		0.50	0.50	mg/L	1		300.0	Total/NA

Client Sample ID: W-140929-MLR-030 — Lab Sample ID: 480-68365-30

No Detections.

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	21.3		0.50	0.50	mg/L	1		300.0	Total/NA

Client Sample ID: W-140929-MLR-031 — Lab Sample ID: 480-68365-31

No Detections.

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	12.3		0.50	0.50	mg/L	1		300.0	Total/NA

Client Sample ID: W-140929-MLR-032 — Lab Sample ID: 480-68365-32

No Detections.

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	21.4		0.50	0.50	mg/L	1		300.0	Total/NA

Client Sample ID: W-140929-MLR-033 — Lab Sample ID: 480-68365-33

No Detections.

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	50.6		0.50	0.50	mg/L	1		300.0	Total/NA

Client Sample ID: W-140929-MLR-034 — Lab Sample ID: 480-68365-34

No Detections.

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	24.8		0.50	0.50	mg/L	1		300.0	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-68365-1

Client Sample ID: W-140929-MLR-035 — Lab Sample ID: 480-68365-35

No Detections.

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	17.7		0.50	0.50	mg/L	1		300.0	Total/NA

Client Sample ID: W-140929-MLR-036 — Lab Sample ID: 480-68365-36

No Detections.

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	42.4		0.50	0.50	mg/L	1		300.0	Total/NA

Client Sample ID: W-140930-MLR-037 — Lab Sample ID: 480-68365-37

No Detections.

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	54.6		0.50	0.50	mg/L	1		300.0	Total/NA

Client Sample ID: W-140930-MLR-038 — Lab Sample ID: 480-68365-38

No Detections.

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	8.0		0.50	0.50	mg/L	1		300.0	Total/NA

Client Sample ID: W-140930-MLR-039 — Lab Sample ID: 480-68365-39

No Detections.

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	3.2		0.50	0.50	mg/L	1		300.0	Total/NA

Client Sample ID: W-140930-MLR-040 — Lab Sample ID: 480-68365-40

No Detections.

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	3.3		0.50	0.50	mg/L	1		300.0	Total/NA

Client Sample ID: W-140930-MLR-041 — Lab Sample ID: 480-68365-41

No Detections.

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	27.2		0.50	0.50	mg/L	1		300.0	Total/NA

Client Sample ID: W-140930-MLR-042 — Lab Sample ID: 480-68365-42

No Detections.

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	22.2		0.50	0.50	mg/L	1		300.0	Total/NA

Client Sample ID: W-140930-MLR-043 — Lab Sample ID: 480-68365-43

No Detections.

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	46.5		0.50	0.50	mg/L	1		300.0	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-68365-1

Client Sample ID: W-140930-MLR-044 — Lab Sample ID: 480-68365-44

No Detections.

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	37.2		0.50	0.50	mg/L	1		300.0	Total/NA

Client Sample ID: W-140930-MLR-045 — Lab Sample ID: 480-68365-45

No Detections.

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	5.2		0.50	0.50	mg/L	1		300.0	Total/NA

Client Sample ID: W-140930-MLR-046 — Lab Sample ID: 480-68365-46

No Detections.

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	21.2		0.50	0.50	mg/L	1		300.0	Total/NA

Client Sample ID: W-140930-MLR-047 — Lab Sample ID: 480-68365-47

No Detections.

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	7.5		0.50	0.50	mg/L	1		300.0	Total/NA

Client Sample ID: W-140930-MLR-048 — Lab Sample ID: 480-68365-48

No Detections.

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	4.7		0.50	0.50	mg/L	1		300.0	Total/NA

Client Sample ID: W-140930-MLR-049 — Lab Sample ID: 480-68365-49

No Detections.

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	6.4		0.50	0.50	mg/L	1		300.0	Total/NA

Client Sample ID: W-140930-MLR-050 — Lab Sample ID: 480-68365-50

No Detections.

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	5.8		0.50	0.50	mg/L	1		300.0	Total/NA

Client Sample ID: W-140930-MLR-051 — Lab Sample ID: 480-68365-51

No Detections.

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	26.2		0.50	0.50	mg/L	1		300.0	Total/NA

Client Sample ID: W-140930-MLR-052 — Lab Sample ID: 480-68365-52

No Detections.

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	31.0		0.50	0.50	mg/L	1		300.0	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-68365-1

Client Sample ID: W-140930-MLR-053 — Lab Sample ID: 480-68365-53

No Detections.

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	34.7		0.50	0.50	mg/L	1		300.0	Total/NA

Client Sample ID: W-140930-MLR-054 — Lab Sample ID: 480-68365-54

No Detections.

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	20.8		0.50	0.50	mg/L	1		300.0	Total/NA

Client Sample ID: TRIP BLANK — Lab Sample ID: 480-68365-55

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: W-140929-MLR-001

Lab Sample ID: 480-68365-1

Date Collected: 09/29/14 10:57

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**0.58**		0.50	0.074	ug/L			10/06/14 04:54	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/06/14 04:54	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/06/14 04:54	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/06/14 04:54	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/06/14 04:54	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/06/14 04:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/06/14 04:54	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/06/14 04:54	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/06/14 04:54	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/06/14 04:54	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 04:54	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/06/14 04:54	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 04:54	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/06/14 04:54	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/06/14 04:54	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/06/14 04:54	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 04:54	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/06/14 04:54	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/06/14 04:54	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/06/14 04:54	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 04:54	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/06/14 04:54	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 04:54	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/06/14 04:54	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/06/14 04:54	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/06/14 04:54	1
2-Hexanone	ND		2.5	2.5	ug/L			10/06/14 04:54	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/06/14 04:54	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/06/14 04:54	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/06/14 04:54	1
Acetone	ND		2.5	2.5	ug/L			10/06/14 04:54	1
Acrylonitrile	ND		10	10	ug/L			10/06/14 04:54	1
Allyl chloride	ND		0.50	0.50	ug/L			10/06/14 04:54	1
Benzene	ND		0.50	0.50	ug/L			10/06/14 04:54	1
Bromobenzene	ND		0.50	0.50	ug/L			10/06/14 04:54	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/06/14 04:54	1
Bromoform	ND		0.50	0.50	ug/L			10/06/14 04:54	1
Bromomethane	ND		0.50	0.50	ug/L			10/06/14 04:54	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/06/14 04:54	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/06/14 04:54	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/06/14 04:54	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/06/14 04:54	1
Chloroethane	ND		0.50	0.50	ug/L			10/06/14 04:54	1
Chloroform	ND		0.50	0.50	ug/L			10/06/14 04:54	1
Chloromethane	ND		0.50	0.50	ug/L			10/06/14 04:54	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/06/14 04:54	1
Dibromomethane	ND		0.50	0.50	ug/L			10/06/14 04:54	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/06/14 04:54	1

Client Sample ID: W-140929-MLR-001

Lab Sample ID: 480-68365-1

Date Collected: 09/29/14 10:57

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.50**		0.50	0.50	ug/L			10/06/14 04:54	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/06/14 04:54	1
Ethyl ether	ND		0.50	0.50	ug/L			10/06/14 04:54	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/06/14 04:54	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/06/14 04:54	1
Iodomethane	ND		0.50	0.50	ug/L			10/06/14 04:54	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/06/14 04:54	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/06/14 04:54	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/06/14 04:54	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/06/14 04:54	1
Naphthalene	ND		0.50	0.50	ug/L			10/06/14 04:54	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/06/14 04:54	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/06/14 04:54	1
o-Xylene	ND		0.50	0.50	ug/L			10/06/14 04:54	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/06/14 04:54	1
Styrene	ND		0.50	0.50	ug/L			10/06/14 04:54	1
t-Butanol	ND		10	10	ug/L			10/06/14 04:54	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/06/14 04:54	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/06/14 04:54	1
Toluene	ND		0.50	0.50	ug/L			10/06/14 04:54	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/06/14 04:54	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/06/14 04:54	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/06/14 04:54	1
Trichloroethene	ND		0.20	0.20	ug/L			10/06/14 04:54	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/06/14 04:54	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/06/14 04:54	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/06/14 04:54	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/06/14 04:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*104*		*80 - 120*		*10/06/14 04:54*	*1*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*		*10/06/14 04:54*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**33.2**		0.50	0.50	mg/L			10/11/14 16:26	1

Client Sample ID: W-140929-MLR-002

Lab Sample ID: 480-68365-2

Date Collected: 09/29/14 10:59

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**0.63**		0.50	0.074	ug/L			10/06/14 15:48	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/06/14 15:48	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/06/14 15:48	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/06/14 15:48	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/06/14 15:48	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/06/14 15:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/06/14 15:48	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/06/14 15:48	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/06/14 15:48	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/06/14 15:48	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 15:48	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/06/14 15:48	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 15:48	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/06/14 15:48	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/06/14 15:48	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/06/14 15:48	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 15:48	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/06/14 15:48	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/06/14 15:48	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/06/14 15:48	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 15:48	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/06/14 15:48	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 15:48	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/06/14 15:48	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/06/14 15:48	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/06/14 15:48	1
2-Hexanone	ND		2.5	2.5	ug/L			10/06/14 15:48	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/06/14 15:48	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/06/14 15:48	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/06/14 15:48	1
Acetone	ND		2.5	2.5	ug/L			10/06/14 15:48	1
Acrylonitrile	ND		10	10	ug/L			10/06/14 15:48	1
Allyl chloride	ND		0.50	0.50	ug/L			10/06/14 15:48	1
Benzene	ND		0.50	0.50	ug/L			10/06/14 15:48	1
Bromobenzene	ND		0.50	0.50	ug/L			10/06/14 15:48	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/06/14 15:48	1
Bromoform	ND		0.50	0.50	ug/L			10/06/14 15:48	1
Bromomethane	ND		0.50	0.50	ug/L			10/06/14 15:48	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/06/14 15:48	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/06/14 15:48	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/06/14 15:48	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/06/14 15:48	1
Chloroethane	ND		0.50	0.50	ug/L			10/06/14 15:48	1
Chloroform	ND		0.50	0.50	ug/L			10/06/14 15:48	1
Chloromethane	ND		0.50	0.50	ug/L			10/06/14 15:48	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/06/14 15:48	1
Dibromomethane	ND		0.50	0.50	ug/L			10/06/14 15:48	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/06/14 15:48	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-68365-1

Client Sample ID: W-140929-MLR-002
Date Collected: 09/29/14 10:59
Date Received: 10/01/14 09:00

Lab Sample ID: 480-68365-2
Matrix: Water

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.65**		0.50	0.50	ug/L			10/06/14 15:48	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/06/14 15:48	1
Ethyl ether	ND		0.50	0.50	ug/L			10/06/14 15:48	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/06/14 15:48	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/06/14 15:48	1
Iodomethane	ND		0.50	0.50	ug/L			10/06/14 15:48	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/06/14 15:48	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/06/14 15:48	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/06/14 15:48	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/06/14 15:48	1
Naphthalene	ND		0.50	0.50	ug/L			10/06/14 15:48	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/06/14 15:48	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/06/14 15:48	1
o-Xylene	ND		0.50	0.50	ug/L			10/06/14 15:48	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/06/14 15:48	1
Styrene	ND		0.50	0.50	ug/L			10/06/14 15:48	1
t-Butanol	ND		10	10	ug/L			10/06/14 15:48	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/06/14 15:48	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/06/14 15:48	1
Toluene	ND		0.50	0.50	ug/L			10/06/14 15:48	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/06/14 15:48	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/06/14 15:48	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/06/14 15:48	1
Trichloroethene	ND		0.20	0.20	ug/L			10/06/14 15:48	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/06/14 15:48	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/06/14 15:48	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/06/14 15:48	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/06/14 15:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*102*		*80 - 120*		*10/06/14 15:48*	*1*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*		*10/06/14 15:48*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**34.9**		0.50	0.50	mg/L			10/11/14 16:36	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-68365-1

Client Sample ID: W-140929-MLR-003
Date Collected: 09/29/14 11:04
Date Received: 10/01/14 09:00

Lab Sample ID: 480-68365-3
Matrix: Water

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**0.68**		0.50	0.074	ug/L			10/06/14 16:15	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/06/14 16:15	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/06/14 16:15	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/06/14 16:15	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/06/14 16:15	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/06/14 16:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/06/14 16:15	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/06/14 16:15	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/06/14 16:15	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/06/14 16:15	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 16:15	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/06/14 16:15	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 16:15	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/06/14 16:15	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/06/14 16:15	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/06/14 16:15	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 16:15	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/06/14 16:15	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/06/14 16:15	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/06/14 16:15	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 16:15	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/06/14 16:15	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 16:15	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/06/14 16:15	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/06/14 16:15	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/06/14 16:15	1
2-Hexanone	ND		2.5	2.5	ug/L			10/06/14 16:15	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/06/14 16:15	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/06/14 16:15	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/06/14 16:15	1
Acetone	ND		2.5	2.5	ug/L			10/06/14 16:15	1
Acrylonitrile	ND		10	10	ug/L			10/06/14 16:15	1
Allyl chloride	ND		0.50	0.50	ug/L			10/06/14 16:15	1
Benzene	ND		0.50	0.50	ug/L			10/06/14 16:15	1
Bromobenzene	ND		0.50	0.50	ug/L			10/06/14 16:15	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/06/14 16:15	1
Bromoform	ND		0.50	0.50	ug/L			10/06/14 16:15	1
Bromomethane	ND		0.50	0.50	ug/L			10/06/14 16:15	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/06/14 16:15	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/06/14 16:15	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/06/14 16:15	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/06/14 16:15	1
Chloroethane	ND		0.50	0.50	ug/L			10/06/14 16:15	1
Chloroform	ND		0.50	0.50	ug/L			10/06/14 16:15	1
Chloromethane	ND		0.50	0.50	ug/L			10/06/14 16:15	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/06/14 16:15	1
Dibromomethane	ND		0.50	0.50	ug/L			10/06/14 16:15	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/06/14 16:15	1

Client Sample ID: W-140929-MLR-003

Lab Sample ID: 480-68365-3

Date Collected: 09/29/14 11:04

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**1.2**		0.50	0.50	ug/L			10/06/14 16:15	1
Dichlorofluoromethane	**0.61**		0.50	0.50	ug/L			10/06/14 16:15	1
Ethyl ether	ND		0.50	0.50	ug/L			10/06/14 16:15	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/06/14 16:15	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/06/14 16:15	1
Iodomethane	ND		0.50	0.50	ug/L			10/06/14 16:15	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/06/14 16:15	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/06/14 16:15	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/06/14 16:15	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/06/14 16:15	1
Naphthalene	ND		0.50	0.50	ug/L			10/06/14 16:15	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/06/14 16:15	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/06/14 16:15	1
o-Xylene	ND		0.50	0.50	ug/L			10/06/14 16:15	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/06/14 16:15	1
Styrene	ND		0.50	0.50	ug/L			10/06/14 16:15	1
t-Butanol	ND		10	10	ug/L			10/06/14 16:15	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/06/14 16:15	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/06/14 16:15	1
Toluene	ND		0.50	0.50	ug/L			10/06/14 16:15	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/06/14 16:15	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/06/14 16:15	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/06/14 16:15	1
Trichloroethene	ND		0.20	0.20	ug/L			10/06/14 16:15	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/06/14 16:15	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/06/14 16:15	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/06/14 16:15	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/06/14 16:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*101*		*80 - 120*		*10/06/14 16:15*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*10/06/14 16:15*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**43.9**		0.50	0.50	mg/L			10/11/14 16:46	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-68365-1

Client Sample ID: W-140929-MLR-004
Date Collected: 09/29/14 11:07
Date Received: 10/01/14 09:00

Lab Sample ID: 480-68365-4
Matrix: Water

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**1.9**		0.50	0.074	ug/L			10/06/14 16:42	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/06/14 16:42	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/06/14 16:42	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/06/14 16:42	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/06/14 16:42	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/06/14 16:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/06/14 16:42	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/06/14 16:42	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/06/14 16:42	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/06/14 16:42	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 16:42	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/06/14 16:42	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 16:42	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/06/14 16:42	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/06/14 16:42	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/06/14 16:42	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 16:42	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/06/14 16:42	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/06/14 16:42	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/06/14 16:42	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 16:42	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/06/14 16:42	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 16:42	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/06/14 16:42	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/06/14 16:42	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/06/14 16:42	1
2-Hexanone	ND		2.5	2.5	ug/L			10/06/14 16:42	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/06/14 16:42	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/06/14 16:42	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/06/14 16:42	1
Acetone	ND		2.5	2.5	ug/L			10/06/14 16:42	1
Acrylonitrile	ND		10	10	ug/L			10/06/14 16:42	1
Allyl chloride	ND		0.50	0.50	ug/L			10/06/14 16:42	1
Benzene	ND		0.50	0.50	ug/L			10/06/14 16:42	1
Bromobenzene	ND		0.50	0.50	ug/L			10/06/14 16:42	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/06/14 16:42	1
Bromoform	ND		0.50	0.50	ug/L			10/06/14 16:42	1
Bromomethane	ND		0.50	0.50	ug/L			10/06/14 16:42	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/06/14 16:42	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/06/14 16:42	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/06/14 16:42	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/06/14 16:42	1
Chloroethane	ND		0.50	0.50	ug/L			10/06/14 16:42	1
Chloroform	ND		0.50	0.50	ug/L			10/06/14 16:42	1
Chloromethane	ND		0.50	0.50	ug/L			10/06/14 16:42	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/06/14 16:42	1
Dibromomethane	ND		0.50	0.50	ug/L			10/06/14 16:42	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/06/14 16:42	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-68365-1

Client Sample ID: W-140929-MLR-004

Lab Sample ID: 480-68365-4

Date Collected: 09/29/14 11:07

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.3**		0.50	0.50	ug/L			10/06/14 16:42	1
Dichlorofluoromethane	**1.1**		0.50	0.50	ug/L			10/06/14 16:42	1
Ethyl ether	ND		0.50	0.50	ug/L			10/06/14 16:42	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/06/14 16:42	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/06/14 16:42	1
Iodomethane	ND		0.50	0.50	ug/L			10/06/14 16:42	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/06/14 16:42	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/06/14 16:42	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/06/14 16:42	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/06/14 16:42	1
Naphthalene	ND		0.50	0.50	ug/L			10/06/14 16:42	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/06/14 16:42	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/06/14 16:42	1
o-Xylene	ND		0.50	0.50	ug/L			10/06/14 16:42	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/06/14 16:42	1
Styrene	ND		0.50	0.50	ug/L			10/06/14 16:42	1
t-Butanol	ND		10	10	ug/L			10/06/14 16:42	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/06/14 16:42	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/06/14 16:42	1
Toluene	ND		0.50	0.50	ug/L			10/06/14 16:42	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/06/14 16:42	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/06/14 16:42	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/06/14 16:42	1
Trichloroethene	ND		0.20	0.20	ug/L			10/06/14 16:42	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/06/14 16:42	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/06/14 16:42	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/06/14 16:42	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/06/14 16:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*104*		*80 - 120*		*10/06/14 16:42*	*1*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*		*10/06/14 16:42*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**46.4**		0.50	0.50	mg/L			10/11/14 16:56	1

Client Sample ID: W-140929-MLR-005
Date Collected: 09/29/14 11:37
Date Received: 10/01/14 09:00

Lab Sample ID: 480-68365-5
Matrix: Water

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/06/14 17:09	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/06/14 17:09	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/06/14 17:09	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/06/14 17:09	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/06/14 17:09	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/06/14 17:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/06/14 17:09	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/06/14 17:09	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/06/14 17:09	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/06/14 17:09	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 17:09	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/06/14 17:09	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 17:09	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/06/14 17:09	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/06/14 17:09	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/06/14 17:09	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 17:09	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/06/14 17:09	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/06/14 17:09	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/06/14 17:09	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 17:09	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/06/14 17:09	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 17:09	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/06/14 17:09	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/06/14 17:09	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/06/14 17:09	1
2-Hexanone	ND		2.5	2.5	ug/L			10/06/14 17:09	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/06/14 17:09	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/06/14 17:09	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/06/14 17:09	1
Acetone	ND		2.5	2.5	ug/L			10/06/14 17:09	1
Acrylonitrile	ND		10	10	ug/L			10/06/14 17:09	1
Allyl chloride	ND		0.50	0.50	ug/L			10/06/14 17:09	1
Benzene	ND		0.50	0.50	ug/L			10/06/14 17:09	1
Bromobenzene	ND		0.50	0.50	ug/L			10/06/14 17:09	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/06/14 17:09	1
Bromoform	ND		0.50	0.50	ug/L			10/06/14 17:09	1
Bromomethane	ND		0.50	0.50	ug/L			10/06/14 17:09	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/06/14 17:09	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/06/14 17:09	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/06/14 17:09	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/06/14 17:09	1
Chloroethane	ND		0.50	0.50	ug/L			10/06/14 17:09	1
Chloroform	ND		0.50	0.50	ug/L			10/06/14 17:09	1
Chloromethane	ND		0.50	0.50	ug/L			10/06/14 17:09	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/06/14 17:09	1
Dibromomethane	ND		0.50	0.50	ug/L			10/06/14 17:09	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/06/14 17:09	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-68365-1

Client Sample ID: W-140929-MLR-005
Date Collected: 09/29/14 11:37
Date Received: 10/01/14 09:00

Lab Sample ID: 480-68365-5
Matrix: Water

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/06/14 17:09	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/06/14 17:09	1
Ethyl ether	ND		0.50	0.50	ug/L			10/06/14 17:09	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/06/14 17:09	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/06/14 17:09	1
Iodomethane	ND		0.50	0.50	ug/L			10/06/14 17:09	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/06/14 17:09	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/06/14 17:09	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/06/14 17:09	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/06/14 17:09	1
Naphthalene	ND		0.50	0.50	ug/L			10/06/14 17:09	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/06/14 17:09	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/06/14 17:09	1
o-Xylene	ND		0.50	0.50	ug/L			10/06/14 17:09	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/06/14 17:09	1
Styrene	ND		0.50	0.50	ug/L			10/06/14 17:09	1
t-Butanol	ND		10	10	ug/L			10/06/14 17:09	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/06/14 17:09	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/06/14 17:09	1
Toluene	ND		0.50	0.50	ug/L			10/06/14 17:09	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/06/14 17:09	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/06/14 17:09	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/06/14 17:09	1
Trichloroethene	ND		0.20	0.20	ug/L			10/06/14 17:09	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/06/14 17:09	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/06/14 17:09	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/06/14 17:09	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/06/14 17:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*104*		*80 - 120*		*10/06/14 17:09*	*1*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*		*10/06/14 17:09*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**23.2**		0.50	0.50	mg/L			10/11/14 17:06	1

Client Sample ID: W-140929-MLR-006

Lab Sample ID: 480-68365-6

Date Collected: 09/29/14 11:32

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/06/14 17:36	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/06/14 17:36	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/06/14 17:36	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/06/14 17:36	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/06/14 17:36	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/06/14 17:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/06/14 17:36	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/06/14 17:36	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/06/14 17:36	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/06/14 17:36	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 17:36	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/06/14 17:36	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 17:36	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/06/14 17:36	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/06/14 17:36	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/06/14 17:36	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 17:36	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/06/14 17:36	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/06/14 17:36	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/06/14 17:36	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 17:36	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/06/14 17:36	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 17:36	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/06/14 17:36	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/06/14 17:36	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/06/14 17:36	1
2-Hexanone	ND		2.5	2.5	ug/L			10/06/14 17:36	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/06/14 17:36	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/06/14 17:36	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/06/14 17:36	1
Acetone	ND		2.5	2.5	ug/L			10/06/14 17:36	1
Acrylonitrile	ND		10	10	ug/L			10/06/14 17:36	1
Allyl chloride	ND		0.50	0.50	ug/L			10/06/14 17:36	1
Benzene	ND		0.50	0.50	ug/L			10/06/14 17:36	1
Bromobenzene	ND		0.50	0.50	ug/L			10/06/14 17:36	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/06/14 17:36	1
Bromoform	ND		0.50	0.50	ug/L			10/06/14 17:36	1
Bromomethane	ND		0.50	0.50	ug/L			10/06/14 17:36	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/06/14 17:36	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/06/14 17:36	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/06/14 17:36	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/06/14 17:36	1
Chloroethane	ND		0.50	0.50	ug/L			10/06/14 17:36	1
Chloroform	ND		0.50	0.50	ug/L			10/06/14 17:36	1
Chloromethane	ND		0.50	0.50	ug/L			10/06/14 17:36	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/06/14 17:36	1
Dibromomethane	ND		0.50	0.50	ug/L			10/06/14 17:36	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/06/14 17:36	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-68365-1

Client Sample ID: W-140929-MLR-006
Date Collected: 09/29/14 11:32
Date Received: 10/01/14 09:00

Lab Sample ID: 480-68365-6
Matrix: Water

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/06/14 17:36	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/06/14 17:36	1
Ethyl ether	ND		0.50	0.50	ug/L			10/06/14 17:36	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/06/14 17:36	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/06/14 17:36	1
Iodomethane	ND		0.50	0.50	ug/L			10/06/14 17:36	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/06/14 17:36	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/06/14 17:36	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/06/14 17:36	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/06/14 17:36	1
Naphthalene	ND		0.50	0.50	ug/L			10/06/14 17:36	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/06/14 17:36	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/06/14 17:36	1
o-Xylene	ND		0.50	0.50	ug/L			10/06/14 17:36	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/06/14 17:36	1
Styrene	ND		0.50	0.50	ug/L			10/06/14 17:36	1
t-Butanol	ND		10	10	ug/L			10/06/14 17:36	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/06/14 17:36	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/06/14 17:36	1
Toluene	ND		0.50	0.50	ug/L			10/06/14 17:36	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/06/14 17:36	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/06/14 17:36	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/06/14 17:36	1
Trichloroethene	ND		0.20	0.20	ug/L			10/06/14 17:36	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/06/14 17:36	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/06/14 17:36	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/06/14 17:36	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/06/14 17:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*101*		*80 - 120*		*10/06/14 17:36*	*1*
4-Bromofluorobenzene (Surr)	*92*		*80 - 120*		*10/06/14 17:36*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**23.0**		0.50	0.50	mg/L			10/11/14 17:16	1

Client Sample ID: W-140929-MLR-007
Date Collected: 09/29/14 11:42
Date Received: 10/01/14 09:00

Lab Sample ID: 480-68365-7
Matrix: Water

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/06/14 18:02	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/06/14 18:02	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/06/14 18:02	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/06/14 18:02	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/06/14 18:02	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/06/14 18:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/06/14 18:02	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/06/14 18:02	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/06/14 18:02	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/06/14 18:02	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 18:02	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/06/14 18:02	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 18:02	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/06/14 18:02	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/06/14 18:02	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/06/14 18:02	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 18:02	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/06/14 18:02	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/06/14 18:02	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/06/14 18:02	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 18:02	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/06/14 18:02	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 18:02	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/06/14 18:02	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/06/14 18:02	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/06/14 18:02	1
2-Hexanone	ND		2.5	2.5	ug/L			10/06/14 18:02	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/06/14 18:02	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/06/14 18:02	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/06/14 18:02	1
Acetone	ND		2.5	2.5	ug/L			10/06/14 18:02	1
Acrylonitrile	ND		10	10	ug/L			10/06/14 18:02	1
Allyl chloride	ND		0.50	0.50	ug/L			10/06/14 18:02	1
Benzene	ND		0.50	0.50	ug/L			10/06/14 18:02	1
Bromobenzene	ND		0.50	0.50	ug/L			10/06/14 18:02	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/06/14 18:02	1
Bromoform	ND		0.50	0.50	ug/L			10/06/14 18:02	1
Bromomethane	ND		0.50	0.50	ug/L			10/06/14 18:02	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/06/14 18:02	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/06/14 18:02	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/06/14 18:02	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/06/14 18:02	1
Chloroethane	ND		0.50	0.50	ug/L			10/06/14 18:02	1
Chloroform	ND		0.50	0.50	ug/L			10/06/14 18:02	1
Chloromethane	ND		0.50	0.50	ug/L			10/06/14 18:02	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/06/14 18:02	1
Dibromomethane	ND		0.50	0.50	ug/L			10/06/14 18:02	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/06/14 18:02	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-68365-1

Client Sample ID: W-140929-MLR-007
Date Collected: 09/29/14 11:42
Date Received: 10/01/14 09:00

Lab Sample ID: 480-68365-7
Matrix: Water

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/06/14 18:02	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/06/14 18:02	1
Ethyl ether	ND		0.50	0.50	ug/L			10/06/14 18:02	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/06/14 18:02	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/06/14 18:02	1
Iodomethane	ND		0.50	0.50	ug/L			10/06/14 18:02	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/06/14 18:02	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/06/14 18:02	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/06/14 18:02	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/06/14 18:02	1
Naphthalene	ND		0.50	0.50	ug/L			10/06/14 18:02	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/06/14 18:02	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/06/14 18:02	1
o-Xylene	ND		0.50	0.50	ug/L			10/06/14 18:02	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/06/14 18:02	1
Styrene	ND		0.50	0.50	ug/L			10/06/14 18:02	1
t-Butanol	ND		10	10	ug/L			10/06/14 18:02	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/06/14 18:02	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/06/14 18:02	1
Toluene	ND		0.50	0.50	ug/L			10/06/14 18:02	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/06/14 18:02	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/06/14 18:02	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/06/14 18:02	1
Trichloroethene	ND		0.20	0.20	ug/L			10/06/14 18:02	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/06/14 18:02	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/06/14 18:02	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/06/14 18:02	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/06/14 18:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*103*		*80 - 120*		*10/06/14 18:02*	*1*
4-Bromofluorobenzene (Surr)	*92*		*80 - 120*		*10/06/14 18:02*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**28.7**		0.50	0.50	mg/L			10/11/14 17:27	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-68365-1

Client Sample ID: W-140929-MLR-008
Date Collected: 09/29/14 11:47
Date Received: 10/01/14 09:00

Lab Sample ID: 480-68365-8
Matrix: Water

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/06/14 18:29	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/06/14 18:29	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/06/14 18:29	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/06/14 18:29	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/06/14 18:29	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/06/14 18:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/06/14 18:29	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/06/14 18:29	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/06/14 18:29	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/06/14 18:29	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 18:29	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/06/14 18:29	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 18:29	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/06/14 18:29	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/06/14 18:29	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/06/14 18:29	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 18:29	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/06/14 18:29	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/06/14 18:29	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/06/14 18:29	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 18:29	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/06/14 18:29	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 18:29	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/06/14 18:29	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/06/14 18:29	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/06/14 18:29	1
2-Hexanone	ND		2.5	2.5	ug/L			10/06/14 18:29	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/06/14 18:29	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/06/14 18:29	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/06/14 18:29	1
Acetone	ND		2.5	2.5	ug/L			10/06/14 18:29	1
Acrylonitrile	ND		10	10	ug/L			10/06/14 18:29	1
Allyl chloride	ND		0.50	0.50	ug/L			10/06/14 18:29	1
Benzene	ND		0.50	0.50	ug/L			10/06/14 18:29	1
Bromobenzene	ND		0.50	0.50	ug/L			10/06/14 18:29	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/06/14 18:29	1
Bromoform	ND		0.50	0.50	ug/L			10/06/14 18:29	1
Bromomethane	ND		0.50	0.50	ug/L			10/06/14 18:29	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/06/14 18:29	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/06/14 18:29	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/06/14 18:29	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/06/14 18:29	1
Chloroethane	ND		0.50	0.50	ug/L			10/06/14 18:29	1
Chloroform	ND		0.50	0.50	ug/L			10/06/14 18:29	1
Chloromethane	ND		0.50	0.50	ug/L			10/06/14 18:29	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/06/14 18:29	1
Dibromomethane	ND		0.50	0.50	ug/L			10/06/14 18:29	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/06/14 18:29	1

Client Sample ID: W-140929-MLR-008

Lab Sample ID: 480-68365-8

Date Collected: 09/29/14 11:47

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/06/14 18:29	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/06/14 18:29	1
Ethyl ether	ND		0.50	0.50	ug/L			10/06/14 18:29	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/06/14 18:29	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/06/14 18:29	1
Iodomethane	ND		0.50	0.50	ug/L			10/06/14 18:29	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/06/14 18:29	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/06/14 18:29	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/06/14 18:29	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/06/14 18:29	1
Naphthalene	ND		0.50	0.50	ug/L			10/06/14 18:29	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/06/14 18:29	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/06/14 18:29	1
o-Xylene	ND		0.50	0.50	ug/L			10/06/14 18:29	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/06/14 18:29	1
Styrene	ND		0.50	0.50	ug/L			10/06/14 18:29	1
t-Butanol	ND		10	10	ug/L			10/06/14 18:29	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/06/14 18:29	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/06/14 18:29	1
Toluene	ND		0.50	0.50	ug/L			10/06/14 18:29	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/06/14 18:29	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/06/14 18:29	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/06/14 18:29	1
Trichloroethene	ND		0.20	0.20	ug/L			10/06/14 18:29	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/06/14 18:29	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/06/14 18:29	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/06/14 18:29	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/06/14 18:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*102*		*80 - 120*		*10/06/14 18:29*	*1*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*		*10/06/14 18:29*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**70.8**		0.50	0.50	mg/L			10/11/14 17:37	1

Client Sample ID: W-140929-MLR-009

Lab Sample ID: 480-68365-9

Date Collected: 09/29/14 12:16

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/06/14 05:21	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/06/14 05:21	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/06/14 05:21	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/06/14 05:21	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/06/14 05:21	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/06/14 05:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/06/14 05:21	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/06/14 05:21	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/06/14 05:21	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/06/14 05:21	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 05:21	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/06/14 05:21	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 05:21	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/06/14 05:21	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/06/14 05:21	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/06/14 05:21	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 05:21	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/06/14 05:21	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/06/14 05:21	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/06/14 05:21	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 05:21	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/06/14 05:21	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 05:21	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/06/14 05:21	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/06/14 05:21	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/06/14 05:21	1
2-Hexanone	ND		2.5	2.5	ug/L			10/06/14 05:21	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/06/14 05:21	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/06/14 05:21	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/06/14 05:21	1
Acetone	ND		2.5	2.5	ug/L			10/06/14 05:21	1
Acrylonitrile	ND		10	10	ug/L			10/06/14 05:21	1
Allyl chloride	ND		0.50	0.50	ug/L			10/06/14 05:21	1
Benzene	ND		0.50	0.50	ug/L			10/06/14 05:21	1
Bromobenzene	ND		0.50	0.50	ug/L			10/06/14 05:21	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/06/14 05:21	1
Bromoform	ND		0.50	0.50	ug/L			10/06/14 05:21	1
Bromomethane	ND		0.50	0.50	ug/L			10/06/14 05:21	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/06/14 05:21	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/06/14 05:21	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/06/14 05:21	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/06/14 05:21	1
Chloroethane	ND		0.50	0.50	ug/L			10/06/14 05:21	1
Chloroform	ND		0.50	0.50	ug/L			10/06/14 05:21	1
Chloromethane	ND		0.50	0.50	ug/L			10/06/14 05:21	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/06/14 05:21	1
Dibromomethane	ND		0.50	0.50	ug/L			10/06/14 05:21	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/06/14 05:21	1

Client Sample ID: W-140929-MLR-009

Lab Sample ID: 480-68365-9

Date Collected: 09/29/14 12:16

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/06/14 05:21	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/06/14 05:21	1
Ethyl ether	ND		0.50	0.50	ug/L			10/06/14 05:21	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/06/14 05:21	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/06/14 05:21	1
Iodomethane	ND		0.50	0.50	ug/L			10/06/14 05:21	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/06/14 05:21	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/06/14 05:21	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/06/14 05:21	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/06/14 05:21	1
Naphthalene	ND		0.50	0.50	ug/L			10/06/14 05:21	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/06/14 05:21	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/06/14 05:21	1
o-Xylene	ND		0.50	0.50	ug/L			10/06/14 05:21	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/06/14 05:21	1
Styrene	ND		0.50	0.50	ug/L			10/06/14 05:21	1
t-Butanol	ND		10	10	ug/L			10/06/14 05:21	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/06/14 05:21	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/06/14 05:21	1
Toluene	ND		0.50	0.50	ug/L			10/06/14 05:21	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/06/14 05:21	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/06/14 05:21	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/06/14 05:21	1
Trichloroethene	ND		0.20	0.20	ug/L			10/06/14 05:21	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/06/14 05:21	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/06/14 05:21	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/06/14 05:21	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/06/14 05:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*104*		*80 - 120*		*10/06/14 05:21*	*1*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*		*10/06/14 05:21*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**23.9**		0.50	0.50	mg/L			10/11/14 18:17	1

Client Sample ID: W-140929-MLR-010
Date Collected: 09/29/14 12:17
Date Received: 10/01/14 09:00

Lab Sample ID: 480-68365-10
Matrix: Water

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/06/14 18:56	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/06/14 18:56	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/06/14 18:56	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/06/14 18:56	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/06/14 18:56	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/06/14 18:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/06/14 18:56	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/06/14 18:56	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/06/14 18:56	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/06/14 18:56	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 18:56	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/06/14 18:56	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 18:56	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/06/14 18:56	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/06/14 18:56	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/06/14 18:56	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 18:56	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/06/14 18:56	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/06/14 18:56	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/06/14 18:56	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 18:56	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/06/14 18:56	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 18:56	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/06/14 18:56	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/06/14 18:56	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/06/14 18:56	1
2-Hexanone	ND		2.5	2.5	ug/L			10/06/14 18:56	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/06/14 18:56	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/06/14 18:56	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/06/14 18:56	1
Acetone	ND		2.5	2.5	ug/L			10/06/14 18:56	1
Acrylonitrile	ND		10	10	ug/L			10/06/14 18:56	1
Allyl chloride	ND		0.50	0.50	ug/L			10/06/14 18:56	1
Benzene	ND		0.50	0.50	ug/L			10/06/14 18:56	1
Bromobenzene	ND		0.50	0.50	ug/L			10/06/14 18:56	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/06/14 18:56	1
Bromoform	ND		0.50	0.50	ug/L			10/06/14 18:56	1
Bromomethane	ND		0.50	0.50	ug/L			10/06/14 18:56	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/06/14 18:56	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/06/14 18:56	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/06/14 18:56	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/06/14 18:56	1
Chloroethane	ND		0.50	0.50	ug/L			10/06/14 18:56	1
Chloroform	ND		0.50	0.50	ug/L			10/06/14 18:56	1
Chloromethane	ND		0.50	0.50	ug/L			10/06/14 18:56	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/06/14 18:56	1
Dibromomethane	ND		0.50	0.50	ug/L			10/06/14 18:56	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/06/14 18:56	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-68365-1

Client Sample ID: W-140929-MLR-010

Lab Sample ID: 480-68365-10

Date Collected: 09/29/14 12:17

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/06/14 18:56	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/06/14 18:56	1
Ethyl ether	ND		0.50	0.50	ug/L			10/06/14 18:56	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/06/14 18:56	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/06/14 18:56	1
Iodomethane	ND		0.50	0.50	ug/L			10/06/14 18:56	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/06/14 18:56	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/06/14 18:56	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/06/14 18:56	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/06/14 18:56	1
Naphthalene	ND		0.50	0.50	ug/L			10/06/14 18:56	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/06/14 18:56	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/06/14 18:56	1
o-Xylene	ND		0.50	0.50	ug/L			10/06/14 18:56	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/06/14 18:56	1
Styrene	ND		0.50	0.50	ug/L			10/06/14 18:56	1
t-Butanol	ND		10	10	ug/L			10/06/14 18:56	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/06/14 18:56	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/06/14 18:56	1
Toluene	ND		0.50	0.50	ug/L			10/06/14 18:56	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/06/14 18:56	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/06/14 18:56	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/06/14 18:56	1
Trichloroethene	ND		0.20	0.20	ug/L			10/06/14 18:56	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/06/14 18:56	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/06/14 18:56	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/06/14 18:56	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/06/14 18:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*103*		*80 - 120*		*10/06/14 18:56*	*1*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*		*10/06/14 18:56*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**27.7**		0.50	0.50	mg/L			10/11/14 18:48	1

Client Sample ID: W-140929-MLR-011

Lab Sample ID: 480-68365-11

Date Collected: 09/29/14 12:22

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/06/14 19:23	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/06/14 19:23	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/06/14 19:23	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/06/14 19:23	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/06/14 19:23	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/06/14 19:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/06/14 19:23	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/06/14 19:23	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/06/14 19:23	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/06/14 19:23	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 19:23	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/06/14 19:23	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 19:23	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/06/14 19:23	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/06/14 19:23	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/06/14 19:23	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 19:23	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/06/14 19:23	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/06/14 19:23	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/06/14 19:23	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 19:23	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/06/14 19:23	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 19:23	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/06/14 19:23	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/06/14 19:23	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/06/14 19:23	1
2-Hexanone	ND		2.5	2.5	ug/L			10/06/14 19:23	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/06/14 19:23	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/06/14 19:23	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/06/14 19:23	1
Acetone	ND		2.5	2.5	ug/L			10/06/14 19:23	1
Acrylonitrile	ND		10	10	ug/L			10/06/14 19:23	1
Allyl chloride	ND		0.50	0.50	ug/L			10/06/14 19:23	1
Benzene	ND		0.50	0.50	ug/L			10/06/14 19:23	1
Bromobenzene	ND		0.50	0.50	ug/L			10/06/14 19:23	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/06/14 19:23	1
Bromoform	ND		0.50	0.50	ug/L			10/06/14 19:23	1
Bromomethane	ND		0.50	0.50	ug/L			10/06/14 19:23	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/06/14 19:23	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/06/14 19:23	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/06/14 19:23	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/06/14 19:23	1
Chloroethane	ND		0.50	0.50	ug/L			10/06/14 19:23	1
Chloroform	ND		0.50	0.50	ug/L			10/06/14 19:23	1
Chloromethane	ND		0.50	0.50	ug/L			10/06/14 19:23	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/06/14 19:23	1
Dibromomethane	ND		0.50	0.50	ug/L			10/06/14 19:23	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/06/14 19:23	1

Client Sample ID: W-140929-MLR-011

Lab Sample ID: 480-68365-11

Date Collected: 09/29/14 12:22

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/06/14 19:23	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/06/14 19:23	1
Ethyl ether	ND		0.50	0.50	ug/L			10/06/14 19:23	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/06/14 19:23	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/06/14 19:23	1
Iodomethane	ND		0.50	0.50	ug/L			10/06/14 19:23	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/06/14 19:23	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/06/14 19:23	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/06/14 19:23	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/06/14 19:23	1
Naphthalene	ND		0.50	0.50	ug/L			10/06/14 19:23	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/06/14 19:23	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/06/14 19:23	1
o-Xylene	ND		0.50	0.50	ug/L			10/06/14 19:23	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/06/14 19:23	1
Styrene	ND		0.50	0.50	ug/L			10/06/14 19:23	1
t-Butanol	ND		10	10	ug/L			10/06/14 19:23	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/06/14 19:23	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/06/14 19:23	1
Toluene	ND		0.50	0.50	ug/L			10/06/14 19:23	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/06/14 19:23	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/06/14 19:23	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/06/14 19:23	1
Trichloroethene	ND		0.20	0.20	ug/L			10/06/14 19:23	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/06/14 19:23	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/06/14 19:23	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/06/14 19:23	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/06/14 19:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*103*		*80 - 120*		*10/06/14 19:23*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*10/06/14 19:23*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**32.8**		0.50	0.50	mg/L			10/11/14 18:58	1

Client Sample ID: W-140929-MLR-012
Date Collected: 09/29/14 13:04
Date Received: 10/01/14 09:00

Lab Sample ID: 480-68365-12
Matrix: Water

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/06/14 19:49	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/06/14 19:49	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/06/14 19:49	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/06/14 19:49	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/06/14 19:49	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/06/14 19:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/06/14 19:49	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/06/14 19:49	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/06/14 19:49	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/06/14 19:49	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 19:49	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/06/14 19:49	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 19:49	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/06/14 19:49	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/06/14 19:49	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/06/14 19:49	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 19:49	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/06/14 19:49	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/06/14 19:49	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/06/14 19:49	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 19:49	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/06/14 19:49	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 19:49	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/06/14 19:49	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/06/14 19:49	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/06/14 19:49	1
2-Hexanone	ND		2.5	2.5	ug/L			10/06/14 19:49	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/06/14 19:49	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/06/14 19:49	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/06/14 19:49	1
Acetone	ND		2.5	2.5	ug/L			10/06/14 19:49	1
Acrylonitrile	ND		10	10	ug/L			10/06/14 19:49	1
Allyl chloride	ND		0.50	0.50	ug/L			10/06/14 19:49	1
Benzene	ND		0.50	0.50	ug/L			10/06/14 19:49	1
Bromobenzene	ND		0.50	0.50	ug/L			10/06/14 19:49	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/06/14 19:49	1
Bromoform	ND		0.50	0.50	ug/L			10/06/14 19:49	1
Bromomethane	ND		0.50	0.50	ug/L			10/06/14 19:49	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/06/14 19:49	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/06/14 19:49	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/06/14 19:49	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/06/14 19:49	1
Chloroethane	ND		0.50	0.50	ug/L			10/06/14 19:49	1
Chloroform	ND		0.50	0.50	ug/L			10/06/14 19:49	1
Chloromethane	ND		0.50	0.50	ug/L			10/06/14 19:49	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/06/14 19:49	1
Dibromomethane	ND		0.50	0.50	ug/L			10/06/14 19:49	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/06/14 19:49	1

Client Sample ID: W-140929-MLR-012

Lab Sample ID: 480-68365-12

Date Collected: 09/29/14 13:04

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/06/14 19:49	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/06/14 19:49	1
Ethyl ether	ND		0.50	0.50	ug/L			10/06/14 19:49	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/06/14 19:49	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/06/14 19:49	1
Iodomethane	ND		0.50	0.50	ug/L			10/06/14 19:49	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/06/14 19:49	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/06/14 19:49	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/06/14 19:49	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/06/14 19:49	1
Naphthalene	ND		0.50	0.50	ug/L			10/06/14 19:49	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/06/14 19:49	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/06/14 19:49	1
o-Xylene	ND		0.50	0.50	ug/L			10/06/14 19:49	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/06/14 19:49	1
Styrene	ND		0.50	0.50	ug/L			10/06/14 19:49	1
t-Butanol	ND		10	10	ug/L			10/06/14 19:49	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/06/14 19:49	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/06/14 19:49	1
Toluene	ND		0.50	0.50	ug/L			10/06/14 19:49	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/06/14 19:49	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/06/14 19:49	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/06/14 19:49	1
Trichloroethene	ND		0.20	0.20	ug/L			10/06/14 19:49	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/06/14 19:49	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/06/14 19:49	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/06/14 19:49	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/06/14 19:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*105*		*80 - 120*		*10/06/14 19:49*	*1*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*		*10/06/14 19:49*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**31.8**		0.50	0.50	mg/L			10/11/14 19:08	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-68365-1

Client Sample ID: W-140929-MLR-013
Date Collected: 09/29/14 13:08
Date Received: 10/01/14 09:00

Lab Sample ID: 480-68365-13
Matrix: Water

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/06/14 20:16	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/06/14 20:16	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/06/14 20:16	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/06/14 20:16	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/06/14 20:16	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/06/14 20:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/06/14 20:16	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/06/14 20:16	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/06/14 20:16	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/06/14 20:16	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 20:16	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/06/14 20:16	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 20:16	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/06/14 20:16	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/06/14 20:16	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/06/14 20:16	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 20:16	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/06/14 20:16	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/06/14 20:16	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/06/14 20:16	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 20:16	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/06/14 20:16	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 20:16	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/06/14 20:16	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/06/14 20:16	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/06/14 20:16	1
2-Hexanone	ND		2.5	2.5	ug/L			10/06/14 20:16	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/06/14 20:16	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/06/14 20:16	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/06/14 20:16	1
Acetone	ND		2.5	2.5	ug/L			10/06/14 20:16	1
Acrylonitrile	ND		10	10	ug/L			10/06/14 20:16	1
Allyl chloride	ND		0.50	0.50	ug/L			10/06/14 20:16	1
Benzene	ND		0.50	0.50	ug/L			10/06/14 20:16	1
Bromobenzene	ND		0.50	0.50	ug/L			10/06/14 20:16	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/06/14 20:16	1
Bromoform	ND		0.50	0.50	ug/L			10/06/14 20:16	1
Bromomethane	ND		0.50	0.50	ug/L			10/06/14 20:16	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/06/14 20:16	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/06/14 20:16	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/06/14 20:16	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/06/14 20:16	1
Chloroethane	ND		0.50	0.50	ug/L			10/06/14 20:16	1
Chloroform	ND		0.50	0.50	ug/L			10/06/14 20:16	1
Chloromethane	ND		0.50	0.50	ug/L			10/06/14 20:16	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/06/14 20:16	1
Dibromomethane	ND		0.50	0.50	ug/L			10/06/14 20:16	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/06/14 20:16	1

Client Sample ID: W-140929-MLR-013

Lab Sample ID: 480-68365-13

Date Collected: 09/29/14 13:08

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/06/14 20:16	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/06/14 20:16	1
Ethyl ether	ND		0.50	0.50	ug/L			10/06/14 20:16	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/06/14 20:16	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/06/14 20:16	1
Iodomethane	ND		0.50	0.50	ug/L			10/06/14 20:16	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/06/14 20:16	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/06/14 20:16	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/06/14 20:16	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/06/14 20:16	1
Naphthalene	ND		0.50	0.50	ug/L			10/06/14 20:16	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/06/14 20:16	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/06/14 20:16	1
o-Xylene	ND		0.50	0.50	ug/L			10/06/14 20:16	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/06/14 20:16	1
Styrene	ND		0.50	0.50	ug/L			10/06/14 20:16	1
t-Butanol	ND		10	10	ug/L			10/06/14 20:16	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/06/14 20:16	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/06/14 20:16	1
Toluene	ND		0.50	0.50	ug/L			10/06/14 20:16	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/06/14 20:16	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/06/14 20:16	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/06/14 20:16	1
Trichloroethene	ND		0.20	0.20	ug/L			10/06/14 20:16	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/06/14 20:16	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/06/14 20:16	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/06/14 20:16	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/06/14 20:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*99*		*80 - 120*		*10/06/14 20:16*	*1*
4-Bromofluorobenzene (Surr)	*91*		*80 - 120*		*10/06/14 20:16*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**24.2**		0.50	0.50	mg/L			10/11/14 19:18	1

Client Sample ID: W-140929-MLR-014

Lab Sample ID: 480-68365-14

Date Collected: 09/29/14 13:15

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/06/14 20:43	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/06/14 20:43	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/06/14 20:43	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/06/14 20:43	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/06/14 20:43	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/06/14 20:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/06/14 20:43	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/06/14 20:43	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/06/14 20:43	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/06/14 20:43	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 20:43	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/06/14 20:43	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 20:43	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/06/14 20:43	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/06/14 20:43	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/06/14 20:43	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 20:43	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/06/14 20:43	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/06/14 20:43	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/06/14 20:43	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 20:43	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/06/14 20:43	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 20:43	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/06/14 20:43	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/06/14 20:43	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/06/14 20:43	1
2-Hexanone	ND		2.5	2.5	ug/L			10/06/14 20:43	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/06/14 20:43	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/06/14 20:43	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/06/14 20:43	1
Acetone	ND		2.5	2.5	ug/L			10/06/14 20:43	1
Acrylonitrile	ND		10	10	ug/L			10/06/14 20:43	1
Allyl chloride	ND		0.50	0.50	ug/L			10/06/14 20:43	1
Benzene	ND		0.50	0.50	ug/L			10/06/14 20:43	1
Bromobenzene	ND		0.50	0.50	ug/L			10/06/14 20:43	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/06/14 20:43	1
Bromoform	ND		0.50	0.50	ug/L			10/06/14 20:43	1
Bromomethane	ND		0.50	0.50	ug/L			10/06/14 20:43	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/06/14 20:43	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/06/14 20:43	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/06/14 20:43	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/06/14 20:43	1
Chloroethane	ND		0.50	0.50	ug/L			10/06/14 20:43	1
Chloroform	ND		0.50	0.50	ug/L			10/06/14 20:43	1
Chloromethane	ND		0.50	0.50	ug/L			10/06/14 20:43	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/06/14 20:43	1
Dibromomethane	ND		0.50	0.50	ug/L			10/06/14 20:43	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/06/14 20:43	1

Client Sample ID: W-140929-MLR-014

Lab Sample ID: 480-68365-14

Date Collected: 09/29/14 13:15

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/06/14 20:43	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/06/14 20:43	1
Ethyl ether	ND		0.50	0.50	ug/L			10/06/14 20:43	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/06/14 20:43	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/06/14 20:43	1
Iodomethane	ND		0.50	0.50	ug/L			10/06/14 20:43	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/06/14 20:43	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/06/14 20:43	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/06/14 20:43	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/06/14 20:43	1
Naphthalene	ND		0.50	0.50	ug/L			10/06/14 20:43	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/06/14 20:43	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/06/14 20:43	1
o-Xylene	ND		0.50	0.50	ug/L			10/06/14 20:43	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/06/14 20:43	1
Styrene	ND		0.50	0.50	ug/L			10/06/14 20:43	1
t-Butanol	ND		10	10	ug/L			10/06/14 20:43	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/06/14 20:43	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/06/14 20:43	1
Toluene	ND		0.50	0.50	ug/L			10/06/14 20:43	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/06/14 20:43	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/06/14 20:43	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/06/14 20:43	1
Trichloroethene	ND		0.20	0.20	ug/L			10/06/14 20:43	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/06/14 20:43	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/06/14 20:43	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/06/14 20:43	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/06/14 20:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*104*		*80 - 120*		*10/06/14 20:43*	*1*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*		*10/06/14 20:43*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1.2**		0.50	0.50	mg/L			10/11/14 19:28	1

Client Sample ID: W-140929-MLR-015

Lab Sample ID: 480-68365-15

Date Collected: 09/29/14 13:23

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/06/14 21:10	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/06/14 21:10	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/06/14 21:10	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/06/14 21:10	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/06/14 21:10	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/06/14 21:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/06/14 21:10	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/06/14 21:10	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/06/14 21:10	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/06/14 21:10	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 21:10	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/06/14 21:10	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 21:10	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/06/14 21:10	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/06/14 21:10	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/06/14 21:10	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 21:10	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/06/14 21:10	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/06/14 21:10	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/06/14 21:10	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 21:10	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/06/14 21:10	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 21:10	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/06/14 21:10	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/06/14 21:10	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/06/14 21:10	1
2-Hexanone	ND		2.5	2.5	ug/L			10/06/14 21:10	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/06/14 21:10	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/06/14 21:10	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/06/14 21:10	1
Acetone	ND		2.5	2.5	ug/L			10/06/14 21:10	1
Acrylonitrile	ND		10	10	ug/L			10/06/14 21:10	1
Allyl chloride	ND		0.50	0.50	ug/L			10/06/14 21:10	1
Benzene	ND		0.50	0.50	ug/L			10/06/14 21:10	1
Bromobenzene	ND		0.50	0.50	ug/L			10/06/14 21:10	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/06/14 21:10	1
Bromoform	ND		0.50	0.50	ug/L			10/06/14 21:10	1
Bromomethane	ND		0.50	0.50	ug/L			10/06/14 21:10	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/06/14 21:10	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/06/14 21:10	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/06/14 21:10	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/06/14 21:10	1
Chloroethane	ND		0.50	0.50	ug/L			10/06/14 21:10	1
Chloroform	ND		0.50	0.50	ug/L			10/06/14 21:10	1
Chloromethane	ND		0.50	0.50	ug/L			10/06/14 21:10	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/06/14 21:10	1
Dibromomethane	ND		0.50	0.50	ug/L			10/06/14 21:10	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/06/14 21:10	1

Client Sample ID: W-140929-MLR-015

Lab Sample ID: 480-68365-15

Date Collected: 09/29/14 13:23

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/06/14 21:10	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/06/14 21:10	1
Ethyl ether	ND		0.50	0.50	ug/L			10/06/14 21:10	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/06/14 21:10	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/06/14 21:10	1
Iodomethane	ND		0.50	0.50	ug/L			10/06/14 21:10	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/06/14 21:10	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/06/14 21:10	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/06/14 21:10	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/06/14 21:10	1
Naphthalene	ND		0.50	0.50	ug/L			10/06/14 21:10	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/06/14 21:10	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/06/14 21:10	1
o-Xylene	ND		0.50	0.50	ug/L			10/06/14 21:10	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/06/14 21:10	1
Styrene	ND		0.50	0.50	ug/L			10/06/14 21:10	1
t-Butanol	ND		10	10	ug/L			10/06/14 21:10	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/06/14 21:10	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/06/14 21:10	1
Toluene	ND		0.50	0.50	ug/L			10/06/14 21:10	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/06/14 21:10	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/06/14 21:10	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/06/14 21:10	1
Trichloroethene	ND		0.20	0.20	ug/L			10/06/14 21:10	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/06/14 21:10	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/06/14 21:10	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/06/14 21:10	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/06/14 21:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*105*		*80 - 120*		*10/06/14 21:10*	*1*
4-Bromofluorobenzene (Surr)	*91*		*80 - 120*		*10/06/14 21:10*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**11.7**		0.50	0.50	mg/L			10/11/14 19:38	1

Client Sample ID: W-140929-MLR-016

Lab Sample ID: 480-68365-16

Date Collected: 09/29/14 13:24

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/06/14 21:36	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/06/14 21:36	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/06/14 21:36	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/06/14 21:36	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/06/14 21:36	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/06/14 21:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/06/14 21:36	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/06/14 21:36	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/06/14 21:36	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/06/14 21:36	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 21:36	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/06/14 21:36	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 21:36	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/06/14 21:36	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/06/14 21:36	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/06/14 21:36	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 21:36	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/06/14 21:36	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/06/14 21:36	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/06/14 21:36	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 21:36	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/06/14 21:36	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 21:36	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/06/14 21:36	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/06/14 21:36	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/06/14 21:36	1
2-Hexanone	ND		2.5	2.5	ug/L			10/06/14 21:36	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/06/14 21:36	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/06/14 21:36	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/06/14 21:36	1
Acetone	ND		2.5	2.5	ug/L			10/06/14 21:36	1
Acrylonitrile	ND		10	10	ug/L			10/06/14 21:36	1
Allyl chloride	ND		0.50	0.50	ug/L			10/06/14 21:36	1
Benzene	ND		0.50	0.50	ug/L			10/06/14 21:36	1
Bromobenzene	ND		0.50	0.50	ug/L			10/06/14 21:36	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/06/14 21:36	1
Bromoform	ND		0.50	0.50	ug/L			10/06/14 21:36	1
Bromomethane	ND		0.50	0.50	ug/L			10/06/14 21:36	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/06/14 21:36	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/06/14 21:36	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/06/14 21:36	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/06/14 21:36	1
Chloroethane	ND		0.50	0.50	ug/L			10/06/14 21:36	1
Chloroform	ND		0.50	0.50	ug/L			10/06/14 21:36	1
Chloromethane	ND		0.50	0.50	ug/L			10/06/14 21:36	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/06/14 21:36	1
Dibromomethane	ND		0.50	0.50	ug/L			10/06/14 21:36	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/06/14 21:36	1

Client Sample ID: W-140929-MLR-016

Lab Sample ID: 480-68365-16

Date Collected: 09/29/14 13:24

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/06/14 21:36	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/06/14 21:36	1
Ethyl ether	ND		0.50	0.50	ug/L			10/06/14 21:36	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/06/14 21:36	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/06/14 21:36	1
Iodomethane	ND		0.50	0.50	ug/L			10/06/14 21:36	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/06/14 21:36	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/06/14 21:36	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/06/14 21:36	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/06/14 21:36	1
Naphthalene	ND		0.50	0.50	ug/L			10/06/14 21:36	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/06/14 21:36	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/06/14 21:36	1
o-Xylene	ND		0.50	0.50	ug/L			10/06/14 21:36	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/06/14 21:36	1
Styrene	ND		0.50	0.50	ug/L			10/06/14 21:36	1
t-Butanol	ND		10	10	ug/L			10/06/14 21:36	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/06/14 21:36	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/06/14 21:36	1
Toluene	ND		0.50	0.50	ug/L			10/06/14 21:36	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/06/14 21:36	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/06/14 21:36	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/06/14 21:36	1
Trichloroethene	ND		0.20	0.20	ug/L			10/06/14 21:36	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/06/14 21:36	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/06/14 21:36	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/06/14 21:36	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/06/14 21:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*102*		*80 - 120*		*10/06/14 21:36*	*1*
4-Bromofluorobenzene (Surr)	*90*		*80 - 120*		*10/06/14 21:36*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**11.7**		0.50	0.50	mg/L			10/11/14 19:48	1

Client Sample ID: W-140929-MLR-017

Lab Sample ID: 480-68365-17

Date Collected: 09/29/14 13:50

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/07/14 02:02	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/07/14 02:02	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/07/14 02:02	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/07/14 02:02	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/07/14 02:02	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/07/14 02:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/07/14 02:02	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/07/14 02:02	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/07/14 02:02	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 02:02	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 02:02	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/07/14 02:02	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 02:02	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/07/14 02:02	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/07/14 02:02	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/07/14 02:02	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 02:02	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/07/14 02:02	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 02:02	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/07/14 02:02	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 02:02	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 02:02	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 02:02	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 02:02	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/07/14 02:02	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/07/14 02:02	1
2-Hexanone	ND		2.5	2.5	ug/L			10/07/14 02:02	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/07/14 02:02	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/07/14 02:02	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/07/14 02:02	1
Acetone	ND		2.5	2.5	ug/L			10/07/14 02:02	1
Acrylonitrile	ND		10	10	ug/L			10/07/14 02:02	1
Allyl chloride	ND		0.50	0.50	ug/L			10/07/14 02:02	1
Benzene	ND		0.50	0.50	ug/L			10/07/14 02:02	1
Bromobenzene	ND		0.50	0.50	ug/L			10/07/14 02:02	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/07/14 02:02	1
Bromoform	ND		0.50	0.50	ug/L			10/07/14 02:02	1
Bromomethane	ND		0.50	0.50	ug/L			10/07/14 02:02	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/07/14 02:02	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/07/14 02:02	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/07/14 02:02	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/07/14 02:02	1
Chloroethane	ND		0.50	0.50	ug/L			10/07/14 02:02	1
Chloroform	ND		0.50	0.50	ug/L			10/07/14 02:02	1
Chloromethane	ND		0.50	0.50	ug/L			10/07/14 02:02	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 02:02	1
Dibromomethane	ND		0.50	0.50	ug/L			10/07/14 02:02	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/07/14 02:02	1

Client Sample ID: W-140929-MLR-017

Lab Sample ID: 480-68365-17

Date Collected: 09/29/14 13:50

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/07/14 02:02	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/07/14 02:02	1
Ethyl ether	ND		0.50	0.50	ug/L			10/07/14 02:02	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/07/14 02:02	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/07/14 02:02	1
Iodomethane	ND		0.50	0.50	ug/L			10/07/14 02:02	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/07/14 02:02	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/07/14 02:02	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/07/14 02:02	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/07/14 02:02	1
Naphthalene	ND		0.50	0.50	ug/L			10/07/14 02:02	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 02:02	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/07/14 02:02	1
o-Xylene	ND		0.50	0.50	ug/L			10/07/14 02:02	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 02:02	1
Styrene	ND		0.50	0.50	ug/L			10/07/14 02:02	1
t-Butanol	ND		10	10	ug/L			10/07/14 02:02	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 02:02	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/07/14 02:02	1
Toluene	ND		0.50	0.50	ug/L			10/07/14 02:02	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/07/14 02:02	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 02:02	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/07/14 02:02	1
Trichloroethene	ND		0.20	0.20	ug/L			10/07/14 02:02	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/07/14 02:02	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/07/14 02:02	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/07/14 02:02	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/07/14 02:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*99*		*80 - 120*		*10/07/14 02:02*	*1*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*		*10/07/14 02:02*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**40.1**		0.50	0.50	mg/L			10/11/14 19:59	1

Client Sample ID: W-140929-MLR-018
Date Collected: 09/29/14 13:53
Date Received: 10/01/14 09:00

Lab Sample ID: 480-68365-18
Matrix: Water

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/07/14 02:29	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/07/14 02:29	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/07/14 02:29	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/07/14 02:29	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/07/14 02:29	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/07/14 02:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/07/14 02:29	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/07/14 02:29	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/07/14 02:29	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 02:29	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 02:29	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/07/14 02:29	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 02:29	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/07/14 02:29	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/07/14 02:29	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/07/14 02:29	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 02:29	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/07/14 02:29	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 02:29	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/07/14 02:29	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 02:29	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 02:29	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 02:29	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 02:29	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/07/14 02:29	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/07/14 02:29	1
2-Hexanone	ND		2.5	2.5	ug/L			10/07/14 02:29	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/07/14 02:29	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/07/14 02:29	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/07/14 02:29	1
Acetone	ND		2.5	2.5	ug/L			10/07/14 02:29	1
Acrylonitrile	ND		10	10	ug/L			10/07/14 02:29	1
Allyl chloride	ND		0.50	0.50	ug/L			10/07/14 02:29	1
Benzene	ND		0.50	0.50	ug/L			10/07/14 02:29	1
Bromobenzene	ND		0.50	0.50	ug/L			10/07/14 02:29	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/07/14 02:29	1
Bromoform	ND		0.50	0.50	ug/L			10/07/14 02:29	1
Bromomethane	ND		0.50	0.50	ug/L			10/07/14 02:29	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/07/14 02:29	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/07/14 02:29	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/07/14 02:29	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/07/14 02:29	1
Chloroethane	ND		0.50	0.50	ug/L			10/07/14 02:29	1
Chloroform	ND		0.50	0.50	ug/L			10/07/14 02:29	1
Chloromethane	ND		0.50	0.50	ug/L			10/07/14 02:29	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 02:29	1
Dibromomethane	ND		0.50	0.50	ug/L			10/07/14 02:29	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/07/14 02:29	1

Client Sample ID: W-140929-MLR-018

Lab Sample ID: 480-68365-18

Date Collected: 09/29/14 13:53

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/07/14 02:29	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/07/14 02:29	1
Ethyl ether	ND		0.50	0.50	ug/L			10/07/14 02:29	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/07/14 02:29	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/07/14 02:29	1
Iodomethane	ND		0.50	0.50	ug/L			10/07/14 02:29	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/07/14 02:29	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/07/14 02:29	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/07/14 02:29	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/07/14 02:29	1
Naphthalene	ND		0.50	0.50	ug/L			10/07/14 02:29	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 02:29	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/07/14 02:29	1
o-Xylene	ND		0.50	0.50	ug/L			10/07/14 02:29	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 02:29	1
Styrene	ND		0.50	0.50	ug/L			10/07/14 02:29	1
t-Butanol	ND		10	10	ug/L			10/07/14 02:29	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 02:29	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/07/14 02:29	1
Toluene	ND		0.50	0.50	ug/L			10/07/14 02:29	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/07/14 02:29	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 02:29	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/07/14 02:29	1
Trichloroethene	ND		0.20	0.20	ug/L			10/07/14 02:29	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/07/14 02:29	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/07/14 02:29	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/07/14 02:29	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/07/14 02:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*102*		*80 - 120*		*10/07/14 02:29*	*1*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*		*10/07/14 02:29*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**28.2**		0.50	0.50	mg/L			10/11/14 21:56	1

Client Sample ID: W-140929-MLR-019

Lab Sample ID: 480-68365-19

Date Collected: 09/29/14 14:00

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/07/14 02:56	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/07/14 02:56	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/07/14 02:56	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/07/14 02:56	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/07/14 02:56	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/07/14 02:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/07/14 02:56	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/07/14 02:56	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/07/14 02:56	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 02:56	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 02:56	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/07/14 02:56	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 02:56	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/07/14 02:56	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/07/14 02:56	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/07/14 02:56	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 02:56	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/07/14 02:56	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 02:56	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/07/14 02:56	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 02:56	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 02:56	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 02:56	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 02:56	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/07/14 02:56	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/07/14 02:56	1
2-Hexanone	ND		2.5	2.5	ug/L			10/07/14 02:56	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/07/14 02:56	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/07/14 02:56	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/07/14 02:56	1
Acetone	ND		2.5	2.5	ug/L			10/07/14 02:56	1
Acrylonitrile	ND		10	10	ug/L			10/07/14 02:56	1
Allyl chloride	ND		0.50	0.50	ug/L			10/07/14 02:56	1
Benzene	ND		0.50	0.50	ug/L			10/07/14 02:56	1
Bromobenzene	ND		0.50	0.50	ug/L			10/07/14 02:56	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/07/14 02:56	1
Bromoform	ND		0.50	0.50	ug/L			10/07/14 02:56	1
Bromomethane	ND		0.50	0.50	ug/L			10/07/14 02:56	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/07/14 02:56	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/07/14 02:56	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/07/14 02:56	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/07/14 02:56	1
Chloroethane	ND		0.50	0.50	ug/L			10/07/14 02:56	1
Chloroform	ND		0.50	0.50	ug/L			10/07/14 02:56	1
Chloromethane	ND		0.50	0.50	ug/L			10/07/14 02:56	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 02:56	1
Dibromomethane	ND		0.50	0.50	ug/L			10/07/14 02:56	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/07/14 02:56	1

Client Sample ID: W-140929-MLR-019

Lab Sample ID: 480-68365-19

Date Collected: 09/29/14 14:00

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/07/14 02:56	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/07/14 02:56	1
Ethyl ether	ND		0.50	0.50	ug/L			10/07/14 02:56	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/07/14 02:56	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/07/14 02:56	1
Iodomethane	ND		0.50	0.50	ug/L			10/07/14 02:56	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/07/14 02:56	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/07/14 02:56	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/07/14 02:56	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/07/14 02:56	1
Naphthalene	ND		0.50	0.50	ug/L			10/07/14 02:56	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 02:56	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/07/14 02:56	1
o-Xylene	ND		0.50	0.50	ug/L			10/07/14 02:56	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 02:56	1
Styrene	ND		0.50	0.50	ug/L			10/07/14 02:56	1
t-Butanol	ND		10	10	ug/L			10/07/14 02:56	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 02:56	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/07/14 02:56	1
Toluene	ND		0.50	0.50	ug/L			10/07/14 02:56	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/07/14 02:56	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 02:56	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/07/14 02:56	1
Trichloroethene	ND		0.20	0.20	ug/L			10/07/14 02:56	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/07/14 02:56	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/07/14 02:56	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/07/14 02:56	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/07/14 02:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*103*		*80 - 120*		*10/07/14 02:56*	*1*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*10/07/14 02:56*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**21.5**		0.50	0.50	mg/L			10/11/14 22:06	1

Client Sample ID: W-140929-MLR-020

Lab Sample ID: 480-68365-20

Date Collected: 09/29/14 14:02

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/07/14 03:23	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/07/14 03:23	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/07/14 03:23	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/07/14 03:23	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/07/14 03:23	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/07/14 03:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/07/14 03:23	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/07/14 03:23	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/07/14 03:23	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 03:23	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 03:23	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/07/14 03:23	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 03:23	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/07/14 03:23	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/07/14 03:23	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/07/14 03:23	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 03:23	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/07/14 03:23	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 03:23	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/07/14 03:23	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 03:23	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 03:23	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 03:23	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 03:23	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/07/14 03:23	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/07/14 03:23	1
2-Hexanone	ND		2.5	2.5	ug/L			10/07/14 03:23	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/07/14 03:23	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/07/14 03:23	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/07/14 03:23	1
Acetone	ND		2.5	2.5	ug/L			10/07/14 03:23	1
Acrylonitrile	ND		10	10	ug/L			10/07/14 03:23	1
Allyl chloride	ND		0.50	0.50	ug/L			10/07/14 03:23	1
Benzene	ND		0.50	0.50	ug/L			10/07/14 03:23	1
Bromobenzene	ND		0.50	0.50	ug/L			10/07/14 03:23	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/07/14 03:23	1
Bromoform	ND		0.50	0.50	ug/L			10/07/14 03:23	1
Bromomethane	ND		0.50	0.50	ug/L			10/07/14 03:23	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/07/14 03:23	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/07/14 03:23	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/07/14 03:23	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/07/14 03:23	1
Chloroethane	ND		0.50	0.50	ug/L			10/07/14 03:23	1
Chloroform	ND		0.50	0.50	ug/L			10/07/14 03:23	1
Chloromethane	ND		0.50	0.50	ug/L			10/07/14 03:23	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 03:23	1
Dibromomethane	ND		0.50	0.50	ug/L			10/07/14 03:23	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/07/14 03:23	1

Client Sample ID: W-140929-MLR-020

Lab Sample ID: 480-68365-20

Date Collected: 09/29/14 14:02

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/07/14 03:23	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/07/14 03:23	1
Ethyl ether	ND		0.50	0.50	ug/L			10/07/14 03:23	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/07/14 03:23	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/07/14 03:23	1
Iodomethane	ND		0.50	0.50	ug/L			10/07/14 03:23	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/07/14 03:23	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/07/14 03:23	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/07/14 03:23	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/07/14 03:23	1
Naphthalene	ND		0.50	0.50	ug/L			10/07/14 03:23	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 03:23	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/07/14 03:23	1
o-Xylene	ND		0.50	0.50	ug/L			10/07/14 03:23	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 03:23	1
Styrene	ND		0.50	0.50	ug/L			10/07/14 03:23	1
t-Butanol	ND		10	10	ug/L			10/07/14 03:23	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 03:23	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/07/14 03:23	1
Toluene	ND		0.50	0.50	ug/L			10/07/14 03:23	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/07/14 03:23	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 03:23	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/07/14 03:23	1
Trichloroethene	ND		0.20	0.20	ug/L			10/07/14 03:23	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/07/14 03:23	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/07/14 03:23	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/07/14 03:23	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/07/14 03:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*104*		*80 - 120*		*10/07/14 03:23*	*1*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*		*10/07/14 03:23*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**26.7**		0.50	0.50	mg/L			10/11/14 22:16	1

Client Sample ID: W-140929-MLR-021

Lab Sample ID: 480-68365-21

Date Collected: 09/29/14 14:02

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/07/14 03:50	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/07/14 03:50	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/07/14 03:50	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/07/14 03:50	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/07/14 03:50	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/07/14 03:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/07/14 03:50	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/07/14 03:50	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/07/14 03:50	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 03:50	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 03:50	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/07/14 03:50	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 03:50	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/07/14 03:50	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/07/14 03:50	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/07/14 03:50	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 03:50	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/07/14 03:50	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 03:50	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/07/14 03:50	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 03:50	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 03:50	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 03:50	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 03:50	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/07/14 03:50	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/07/14 03:50	1
2-Hexanone	ND		2.5	2.5	ug/L			10/07/14 03:50	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/07/14 03:50	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/07/14 03:50	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/07/14 03:50	1
Acetone	ND		2.5	2.5	ug/L			10/07/14 03:50	1
Acrylonitrile	ND		10	10	ug/L			10/07/14 03:50	1
Allyl chloride	ND		0.50	0.50	ug/L			10/07/14 03:50	1
Benzene	ND		0.50	0.50	ug/L			10/07/14 03:50	1
Bromobenzene	ND		0.50	0.50	ug/L			10/07/14 03:50	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/07/14 03:50	1
Bromoform	ND		0.50	0.50	ug/L			10/07/14 03:50	1
Bromomethane	ND		0.50	0.50	ug/L			10/07/14 03:50	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/07/14 03:50	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/07/14 03:50	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/07/14 03:50	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/07/14 03:50	1
Chloroethane	ND		0.50	0.50	ug/L			10/07/14 03:50	1
Chloroform	ND		0.50	0.50	ug/L			10/07/14 03:50	1
Chloromethane	ND		0.50	0.50	ug/L			10/07/14 03:50	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 03:50	1
Dibromomethane	ND		0.50	0.50	ug/L			10/07/14 03:50	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/07/14 03:50	1

Client Sample ID: W-140929-MLR-021

Lab Sample ID: 480-68365-21

Date Collected: 09/29/14 14:02

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/07/14 03:50	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/07/14 03:50	1
Ethyl ether	ND		0.50	0.50	ug/L			10/07/14 03:50	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/07/14 03:50	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/07/14 03:50	1
Iodomethane	ND		0.50	0.50	ug/L			10/07/14 03:50	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/07/14 03:50	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/07/14 03:50	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/07/14 03:50	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/07/14 03:50	1
Naphthalene	ND		0.50	0.50	ug/L			10/07/14 03:50	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 03:50	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/07/14 03:50	1
o-Xylene	ND		0.50	0.50	ug/L			10/07/14 03:50	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 03:50	1
Styrene	ND		0.50	0.50	ug/L			10/07/14 03:50	1
t-Butanol	ND		10	10	ug/L			10/07/14 03:50	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 03:50	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/07/14 03:50	1
Toluene	ND		0.50	0.50	ug/L			10/07/14 03:50	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/07/14 03:50	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 03:50	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/07/14 03:50	1
Trichloroethene	ND		0.20	0.20	ug/L			10/07/14 03:50	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/07/14 03:50	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/07/14 03:50	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/07/14 03:50	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/07/14 03:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*105*		*80 - 120*		*10/07/14 03:50*	*1*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*		*10/07/14 03:50*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**24.8**		0.50	0.50	mg/L			10/11/14 22:26	1

Client Sample ID: W-140929-MLR-022
Date Collected: 09/29/14 14:33
Date Received: 10/01/14 09:00

Lab Sample ID: 480-68365-22
Matrix: Water

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/07/14 04:16	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/07/14 04:16	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/07/14 04:16	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/07/14 04:16	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/07/14 04:16	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/07/14 04:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/07/14 04:16	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/07/14 04:16	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/07/14 04:16	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 04:16	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 04:16	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/07/14 04:16	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 04:16	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/07/14 04:16	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/07/14 04:16	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/07/14 04:16	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 04:16	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/07/14 04:16	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 04:16	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/07/14 04:16	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 04:16	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 04:16	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 04:16	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 04:16	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/07/14 04:16	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/07/14 04:16	1
2-Hexanone	ND		2.5	2.5	ug/L			10/07/14 04:16	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/07/14 04:16	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/07/14 04:16	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/07/14 04:16	1
Acetone	ND		2.5	2.5	ug/L			10/07/14 04:16	1
Acrylonitrile	ND		10	10	ug/L			10/07/14 04:16	1
Allyl chloride	ND		0.50	0.50	ug/L			10/07/14 04:16	1
Benzene	ND		0.50	0.50	ug/L			10/07/14 04:16	1
Bromobenzene	ND		0.50	0.50	ug/L			10/07/14 04:16	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/07/14 04:16	1
Bromoform	ND		0.50	0.50	ug/L			10/07/14 04:16	1
Bromomethane	ND		0.50	0.50	ug/L			10/07/14 04:16	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/07/14 04:16	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/07/14 04:16	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/07/14 04:16	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/07/14 04:16	1
Chloroethane	ND		0.50	0.50	ug/L			10/07/14 04:16	1
Chloroform	ND		0.50	0.50	ug/L			10/07/14 04:16	1
Chloromethane	ND		0.50	0.50	ug/L			10/07/14 04:16	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 04:16	1
Dibromomethane	ND		0.50	0.50	ug/L			10/07/14 04:16	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/07/14 04:16	1

Client Sample ID: W-140929-MLR-022

Lab Sample ID: 480-68365-22

Date Collected: 09/29/14 14:33

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/07/14 04:16	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/07/14 04:16	1
Ethyl ether	ND		0.50	0.50	ug/L			10/07/14 04:16	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/07/14 04:16	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/07/14 04:16	1
Iodomethane	ND		0.50	0.50	ug/L			10/07/14 04:16	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/07/14 04:16	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/07/14 04:16	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/07/14 04:16	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/07/14 04:16	1
Naphthalene	ND		0.50	0.50	ug/L			10/07/14 04:16	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 04:16	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/07/14 04:16	1
o-Xylene	ND		0.50	0.50	ug/L			10/07/14 04:16	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 04:16	1
Styrene	ND		0.50	0.50	ug/L			10/07/14 04:16	1
t-Butanol	ND		10	10	ug/L			10/07/14 04:16	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 04:16	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/07/14 04:16	1
Toluene	ND		0.50	0.50	ug/L			10/07/14 04:16	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/07/14 04:16	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 04:16	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/07/14 04:16	1
Trichloroethene	ND		0.20	0.20	ug/L			10/07/14 04:16	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/07/14 04:16	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/07/14 04:16	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/07/14 04:16	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/07/14 04:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*103*		*80 - 120*		*10/07/14 04:16*	*1*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*		*10/07/14 04:16*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**34.6**		0.50	0.50	mg/L			10/11/14 22:36	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-68365-1

Client Sample ID: W-140929-MLR-023
Date Collected: 09/29/14 14:36
Date Received: 10/01/14 09:00

Lab Sample ID: 480-68365-23
Matrix: Water

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/07/14 04:44	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/07/14 04:44	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/07/14 04:44	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/07/14 04:44	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/07/14 04:44	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/07/14 04:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/07/14 04:44	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/07/14 04:44	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/07/14 04:44	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 04:44	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 04:44	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/07/14 04:44	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 04:44	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/07/14 04:44	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/07/14 04:44	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/07/14 04:44	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 04:44	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/07/14 04:44	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 04:44	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/07/14 04:44	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 04:44	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 04:44	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 04:44	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 04:44	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/07/14 04:44	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/07/14 04:44	1
2-Hexanone	ND		2.5	2.5	ug/L			10/07/14 04:44	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/07/14 04:44	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/07/14 04:44	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/07/14 04:44	1
Acetone	ND		2.5	2.5	ug/L			10/07/14 04:44	1
Acrylonitrile	ND		10	10	ug/L			10/07/14 04:44	1
Allyl chloride	ND		0.50	0.50	ug/L			10/07/14 04:44	1
Benzene	ND		0.50	0.50	ug/L			10/07/14 04:44	1
Bromobenzene	ND		0.50	0.50	ug/L			10/07/14 04:44	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/07/14 04:44	1
Bromoform	ND		0.50	0.50	ug/L			10/07/14 04:44	1
Bromomethane	ND		0.50	0.50	ug/L			10/07/14 04:44	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/07/14 04:44	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/07/14 04:44	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/07/14 04:44	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/07/14 04:44	1
Chloroethane	ND		0.50	0.50	ug/L			10/07/14 04:44	1
Chloroform	ND		0.50	0.50	ug/L			10/07/14 04:44	1
Chloromethane	ND		0.50	0.50	ug/L			10/07/14 04:44	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 04:44	1
Dibromomethane	ND		0.50	0.50	ug/L			10/07/14 04:44	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/07/14 04:44	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-68365-1

Client Sample ID: W-140929-MLR-023

Lab Sample ID: 480-68365-23

Date Collected: 09/29/14 14:36

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/07/14 04:44	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/07/14 04:44	1
Ethyl ether	ND		0.50	0.50	ug/L			10/07/14 04:44	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/07/14 04:44	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/07/14 04:44	1
Iodomethane	ND		0.50	0.50	ug/L			10/07/14 04:44	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/07/14 04:44	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/07/14 04:44	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/07/14 04:44	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/07/14 04:44	1
Naphthalene	ND		0.50	0.50	ug/L			10/07/14 04:44	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 04:44	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/07/14 04:44	1
o-Xylene	ND		0.50	0.50	ug/L			10/07/14 04:44	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 04:44	1
Styrene	ND		0.50	0.50	ug/L			10/07/14 04:44	1
t-Butanol	ND		10	10	ug/L			10/07/14 04:44	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 04:44	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/07/14 04:44	1
Toluene	ND		0.50	0.50	ug/L			10/07/14 04:44	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/07/14 04:44	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 04:44	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/07/14 04:44	1
Trichloroethene	ND		0.20	0.20	ug/L			10/07/14 04:44	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/07/14 04:44	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/07/14 04:44	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/07/14 04:44	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/07/14 04:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*104*		*80 - 120*		*10/07/14 04:44*	*1*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*		*10/07/14 04:44*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**35.7**		0.50	0.50	mg/L			10/11/14 22:46	1

Client Sample ID: W-140929-MLR-024

Lab Sample ID: 480-68365-24

Date Collected: 09/29/14 14:40

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/07/14 05:11	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/07/14 05:11	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/07/14 05:11	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/07/14 05:11	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/07/14 05:11	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/07/14 05:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/07/14 05:11	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/07/14 05:11	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/07/14 05:11	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 05:11	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 05:11	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/07/14 05:11	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 05:11	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/07/14 05:11	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/07/14 05:11	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/07/14 05:11	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 05:11	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/07/14 05:11	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 05:11	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/07/14 05:11	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 05:11	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 05:11	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 05:11	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 05:11	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/07/14 05:11	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/07/14 05:11	1
2-Hexanone	ND		2.5	2.5	ug/L			10/07/14 05:11	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/07/14 05:11	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/07/14 05:11	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/07/14 05:11	1
Acetone	ND		2.5	2.5	ug/L			10/07/14 05:11	1
Acrylonitrile	ND		10	10	ug/L			10/07/14 05:11	1
Allyl chloride	ND		0.50	0.50	ug/L			10/07/14 05:11	1
Benzene	ND		0.50	0.50	ug/L			10/07/14 05:11	1
Bromobenzene	ND		0.50	0.50	ug/L			10/07/14 05:11	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/07/14 05:11	1
Bromoform	ND		0.50	0.50	ug/L			10/07/14 05:11	1
Bromomethane	ND		0.50	0.50	ug/L			10/07/14 05:11	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/07/14 05:11	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/07/14 05:11	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/07/14 05:11	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/07/14 05:11	1
Chloroethane	ND		0.50	0.50	ug/L			10/07/14 05:11	1
Chloroform	ND		0.50	0.50	ug/L			10/07/14 05:11	1
Chloromethane	ND		0.50	0.50	ug/L			10/07/14 05:11	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 05:11	1
Dibromomethane	ND		0.50	0.50	ug/L			10/07/14 05:11	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/07/14 05:11	1

Client Sample ID: W-140929-MLR-024

Lab Sample ID: 480-68365-24

Date Collected: 09/29/14 14:40

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/07/14 05:11	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/07/14 05:11	1
Ethyl ether	ND		0.50	0.50	ug/L			10/07/14 05:11	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/07/14 05:11	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/07/14 05:11	1
Iodomethane	ND		0.50	0.50	ug/L			10/07/14 05:11	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/07/14 05:11	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/07/14 05:11	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/07/14 05:11	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/07/14 05:11	1
Naphthalene	ND		0.50	0.50	ug/L			10/07/14 05:11	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 05:11	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/07/14 05:11	1
o-Xylene	ND		0.50	0.50	ug/L			10/07/14 05:11	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 05:11	1
Styrene	ND		0.50	0.50	ug/L			10/07/14 05:11	1
t-Butanol	ND		10	10	ug/L			10/07/14 05:11	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 05:11	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/07/14 05:11	1
Toluene	ND		0.50	0.50	ug/L			10/07/14 05:11	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/07/14 05:11	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 05:11	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/07/14 05:11	1
Trichloroethene	ND		0.20	0.20	ug/L			10/07/14 05:11	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/07/14 05:11	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/07/14 05:11	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/07/14 05:11	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/07/14 05:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*101*		*80 - 120*		*10/07/14 05:11*	*1*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*		*10/07/14 05:11*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**36.4**		0.50	0.50	mg/L			10/11/14 22:56	1

Client Sample ID: W-140929-MLR-025

Lab Sample ID: 480-68365-25

Date Collected: 09/29/14 14:44

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/07/14 05:37	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/07/14 05:37	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/07/14 05:37	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/07/14 05:37	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/07/14 05:37	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/07/14 05:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/07/14 05:37	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/07/14 05:37	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/07/14 05:37	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 05:37	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 05:37	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/07/14 05:37	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 05:37	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/07/14 05:37	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/07/14 05:37	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/07/14 05:37	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 05:37	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/07/14 05:37	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 05:37	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/07/14 05:37	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 05:37	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 05:37	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 05:37	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 05:37	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/07/14 05:37	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/07/14 05:37	1
2-Hexanone	ND		2.5	2.5	ug/L			10/07/14 05:37	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/07/14 05:37	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/07/14 05:37	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/07/14 05:37	1
Acetone	ND		2.5	2.5	ug/L			10/07/14 05:37	1
Acrylonitrile	ND		10	10	ug/L			10/07/14 05:37	1
Allyl chloride	ND		0.50	0.50	ug/L			10/07/14 05:37	1
Benzene	ND		0.50	0.50	ug/L			10/07/14 05:37	1
Bromobenzene	ND		0.50	0.50	ug/L			10/07/14 05:37	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/07/14 05:37	1
Bromoform	ND		0.50	0.50	ug/L			10/07/14 05:37	1
Bromomethane	ND		0.50	0.50	ug/L			10/07/14 05:37	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/07/14 05:37	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/07/14 05:37	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/07/14 05:37	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/07/14 05:37	1
Chloroethane	ND		0.50	0.50	ug/L			10/07/14 05:37	1
Chloroform	ND		0.50	0.50	ug/L			10/07/14 05:37	1
Chloromethane	ND		0.50	0.50	ug/L			10/07/14 05:37	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 05:37	1
Dibromomethane	ND		0.50	0.50	ug/L			10/07/14 05:37	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/07/14 05:37	1

Client Sample ID: W-140929-MLR-025

Lab Sample ID: 480-68365-25

Date Collected: 09/29/14 14:44

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/07/14 05:37	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/07/14 05:37	1
Ethyl ether	ND		0.50	0.50	ug/L			10/07/14 05:37	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/07/14 05:37	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/07/14 05:37	1
Iodomethane	ND		0.50	0.50	ug/L			10/07/14 05:37	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/07/14 05:37	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/07/14 05:37	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/07/14 05:37	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/07/14 05:37	1
Naphthalene	ND		0.50	0.50	ug/L			10/07/14 05:37	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 05:37	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/07/14 05:37	1
o-Xylene	ND		0.50	0.50	ug/L			10/07/14 05:37	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 05:37	1
Styrene	ND		0.50	0.50	ug/L			10/07/14 05:37	1
t-Butanol	ND		10	10	ug/L			10/07/14 05:37	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 05:37	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/07/14 05:37	1
Toluene	ND		0.50	0.50	ug/L			10/07/14 05:37	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/07/14 05:37	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 05:37	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/07/14 05:37	1
Trichloroethene	ND		0.20	0.20	ug/L			10/07/14 05:37	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/07/14 05:37	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/07/14 05:37	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/07/14 05:37	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/07/14 05:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*100*		*80 - 120*		*10/07/14 05:37*	*1*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*10/07/14 05:37*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**29.0**		0.50	0.50	mg/L			10/11/14 23:06	1

Client Sample ID: W-140929-MLR-026

Lab Sample ID: 480-68365-26

Date Collected: 09/29/14 15:15

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/07/14 06:04	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/07/14 06:04	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/07/14 06:04	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/07/14 06:04	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/07/14 06:04	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/07/14 06:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/07/14 06:04	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/07/14 06:04	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/07/14 06:04	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 06:04	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 06:04	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/07/14 06:04	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 06:04	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/07/14 06:04	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/07/14 06:04	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/07/14 06:04	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 06:04	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/07/14 06:04	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 06:04	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/07/14 06:04	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 06:04	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 06:04	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 06:04	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 06:04	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/07/14 06:04	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/07/14 06:04	1
2-Hexanone	ND		2.5	2.5	ug/L			10/07/14 06:04	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/07/14 06:04	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/07/14 06:04	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/07/14 06:04	1
Acetone	ND		2.5	2.5	ug/L			10/07/14 06:04	1
Acrylonitrile	ND		10	10	ug/L			10/07/14 06:04	1
Allyl chloride	ND		0.50	0.50	ug/L			10/07/14 06:04	1
Benzene	ND		0.50	0.50	ug/L			10/07/14 06:04	1
Bromobenzene	ND		0.50	0.50	ug/L			10/07/14 06:04	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/07/14 06:04	1
Bromoform	ND		0.50	0.50	ug/L			10/07/14 06:04	1
Bromomethane	ND		0.50	0.50	ug/L			10/07/14 06:04	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/07/14 06:04	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/07/14 06:04	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/07/14 06:04	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/07/14 06:04	1
Chloroethane	ND		0.50	0.50	ug/L			10/07/14 06:04	1
Chloroform	ND		0.50	0.50	ug/L			10/07/14 06:04	1
Chloromethane	ND		0.50	0.50	ug/L			10/07/14 06:04	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 06:04	1
Dibromomethane	ND		0.50	0.50	ug/L			10/07/14 06:04	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/07/14 06:04	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-68365-1

Client Sample ID: W-140929-MLR-026
Date Collected: 09/29/14 15:15
Date Received: 10/01/14 09:00

Lab Sample ID: 480-68365-26
Matrix: Water

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/07/14 06:04	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/07/14 06:04	1
Ethyl ether	ND		0.50	0.50	ug/L			10/07/14 06:04	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/07/14 06:04	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/07/14 06:04	1
Iodomethane	ND		0.50	0.50	ug/L			10/07/14 06:04	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/07/14 06:04	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/07/14 06:04	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/07/14 06:04	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/07/14 06:04	1
Naphthalene	ND		0.50	0.50	ug/L			10/07/14 06:04	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 06:04	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/07/14 06:04	1
o-Xylene	ND		0.50	0.50	ug/L			10/07/14 06:04	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 06:04	1
Styrene	ND		0.50	0.50	ug/L			10/07/14 06:04	1
t-Butanol	ND		10	10	ug/L			10/07/14 06:04	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 06:04	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/07/14 06:04	1
Toluene	ND		0.50	0.50	ug/L			10/07/14 06:04	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/07/14 06:04	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 06:04	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/07/14 06:04	1
Trichloroethene	ND		0.20	0.20	ug/L			10/07/14 06:04	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/07/14 06:04	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/07/14 06:04	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/07/14 06:04	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/07/14 06:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*100*		*80 - 120*		*10/07/14 06:04*	*1*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*10/07/14 06:04*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**16.5**		0.50	0.50	mg/L			10/11/14 23:17	1

Client Sample ID: W-140929-MLR-027

Lab Sample ID: 480-68365-27

Date Collected: 09/29/14 15:16

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/07/14 06:31	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/07/14 06:31	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/07/14 06:31	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/07/14 06:31	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/07/14 06:31	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/07/14 06:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/07/14 06:31	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/07/14 06:31	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/07/14 06:31	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 06:31	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 06:31	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/07/14 06:31	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 06:31	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/07/14 06:31	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/07/14 06:31	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/07/14 06:31	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 06:31	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/07/14 06:31	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 06:31	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/07/14 06:31	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 06:31	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 06:31	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 06:31	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 06:31	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/07/14 06:31	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/07/14 06:31	1
2-Hexanone	ND		2.5	2.5	ug/L			10/07/14 06:31	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/07/14 06:31	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/07/14 06:31	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/07/14 06:31	1
Acetone	ND		2.5	2.5	ug/L			10/07/14 06:31	1
Acrylonitrile	ND		10	10	ug/L			10/07/14 06:31	1
Allyl chloride	ND		0.50	0.50	ug/L			10/07/14 06:31	1
Benzene	ND		0.50	0.50	ug/L			10/07/14 06:31	1
Bromobenzene	ND		0.50	0.50	ug/L			10/07/14 06:31	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/07/14 06:31	1
Bromoform	ND		0.50	0.50	ug/L			10/07/14 06:31	1
Bromomethane	ND		0.50	0.50	ug/L			10/07/14 06:31	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/07/14 06:31	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/07/14 06:31	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/07/14 06:31	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/07/14 06:31	1
Chloroethane	ND		0.50	0.50	ug/L			10/07/14 06:31	1
Chloroform	ND		0.50	0.50	ug/L			10/07/14 06:31	1
Chloromethane	ND		0.50	0.50	ug/L			10/07/14 06:31	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 06:31	1
Dibromomethane	ND		0.50	0.50	ug/L			10/07/14 06:31	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/07/14 06:31	1

Client Sample ID: W-140929-MLR-027

Lab Sample ID: 480-68365-27

Date Collected: 09/29/14 15:16

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/07/14 06:31	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/07/14 06:31	1
Ethyl ether	ND		0.50	0.50	ug/L			10/07/14 06:31	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/07/14 06:31	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/07/14 06:31	1
Iodomethane	ND		0.50	0.50	ug/L			10/07/14 06:31	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/07/14 06:31	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/07/14 06:31	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/07/14 06:31	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/07/14 06:31	1
Naphthalene	ND		0.50	0.50	ug/L			10/07/14 06:31	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 06:31	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/07/14 06:31	1
o-Xylene	ND		0.50	0.50	ug/L			10/07/14 06:31	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 06:31	1
Styrene	ND		0.50	0.50	ug/L			10/07/14 06:31	1
t-Butanol	ND		10	10	ug/L			10/07/14 06:31	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 06:31	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/07/14 06:31	1
Toluene	ND		0.50	0.50	ug/L			10/07/14 06:31	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/07/14 06:31	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 06:31	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/07/14 06:31	1
Trichloroethene	ND		0.20	0.20	ug/L			10/07/14 06:31	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/07/14 06:31	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/07/14 06:31	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/07/14 06:31	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/07/14 06:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*106*		*80 - 120*		*10/07/14 06:31*	*1*
4-Bromofluorobenzene (Surr)	*92*		*80 - 120*		*10/07/14 06:31*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**16.5**		0.50	0.50	mg/L			10/11/14 23:27	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-68365-1

Client Sample ID: W-140929-MLR-028
Date Collected: 09/29/14 15:18
Date Received: 10/01/14 09:00

Lab Sample ID: 480-68365-28
Matrix: Water

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/07/14 06:58	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/07/14 06:58	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/07/14 06:58	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/07/14 06:58	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/07/14 06:58	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/07/14 06:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/07/14 06:58	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/07/14 06:58	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/07/14 06:58	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 06:58	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 06:58	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/07/14 06:58	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 06:58	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/07/14 06:58	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/07/14 06:58	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/07/14 06:58	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 06:58	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/07/14 06:58	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 06:58	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/07/14 06:58	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 06:58	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 06:58	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 06:58	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 06:58	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/07/14 06:58	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/07/14 06:58	1
2-Hexanone	ND		2.5	2.5	ug/L			10/07/14 06:58	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/07/14 06:58	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/07/14 06:58	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/07/14 06:58	1
Acetone	ND		2.5	2.5	ug/L			10/07/14 06:58	1
Acrylonitrile	ND		10	10	ug/L			10/07/14 06:58	1
Allyl chloride	ND		0.50	0.50	ug/L			10/07/14 06:58	1
Benzene	ND		0.50	0.50	ug/L			10/07/14 06:58	1
Bromobenzene	ND		0.50	0.50	ug/L			10/07/14 06:58	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/07/14 06:58	1
Bromoform	ND		0.50	0.50	ug/L			10/07/14 06:58	1
Bromomethane	ND		0.50	0.50	ug/L			10/07/14 06:58	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/07/14 06:58	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/07/14 06:58	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/07/14 06:58	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/07/14 06:58	1
Chloroethane	ND		0.50	0.50	ug/L			10/07/14 06:58	1
Chloroform	ND		0.50	0.50	ug/L			10/07/14 06:58	1
Chloromethane	ND		0.50	0.50	ug/L			10/07/14 06:58	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 06:58	1
Dibromomethane	ND		0.50	0.50	ug/L			10/07/14 06:58	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/07/14 06:58	1

Client Sample ID: W-140929-MLR-028

Lab Sample ID: 480-68365-28

Date Collected: 09/29/14 15:18

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/07/14 06:58	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/07/14 06:58	1
Ethyl ether	ND		0.50	0.50	ug/L			10/07/14 06:58	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/07/14 06:58	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/07/14 06:58	1
Iodomethane	ND		0.50	0.50	ug/L			10/07/14 06:58	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/07/14 06:58	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/07/14 06:58	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/07/14 06:58	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/07/14 06:58	1
Naphthalene	ND		0.50	0.50	ug/L			10/07/14 06:58	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 06:58	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/07/14 06:58	1
o-Xylene	ND		0.50	0.50	ug/L			10/07/14 06:58	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 06:58	1
Styrene	ND		0.50	0.50	ug/L			10/07/14 06:58	1
t-Butanol	ND		10	10	ug/L			10/07/14 06:58	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 06:58	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/07/14 06:58	1
Toluene	ND		0.50	0.50	ug/L			10/07/14 06:58	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/07/14 06:58	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 06:58	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/07/14 06:58	1
Trichloroethene	ND		0.20	0.20	ug/L			10/07/14 06:58	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/07/14 06:58	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/07/14 06:58	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/07/14 06:58	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/07/14 06:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*103*		*80 - 120*		*10/07/14 06:58*	*1*
4-Bromofluorobenzene (Surr)	*92*		*80 - 120*		*10/07/14 06:58*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**25.4**		0.50	0.50	mg/L			10/12/14 00:07	1

Client Sample ID: W-140929-MLR-029

Lab Sample ID: 480-68365-29

Date Collected: 09/29/14 15:22

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/07/14 07:24	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/07/14 07:24	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/07/14 07:24	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/07/14 07:24	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/07/14 07:24	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/07/14 07:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/07/14 07:24	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/07/14 07:24	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/07/14 07:24	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 07:24	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 07:24	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/07/14 07:24	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 07:24	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/07/14 07:24	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/07/14 07:24	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/07/14 07:24	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 07:24	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/07/14 07:24	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 07:24	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/07/14 07:24	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 07:24	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 07:24	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 07:24	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 07:24	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/07/14 07:24	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/07/14 07:24	1
2-Hexanone	ND		2.5	2.5	ug/L			10/07/14 07:24	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/07/14 07:24	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/07/14 07:24	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/07/14 07:24	1
Acetone	ND		2.5	2.5	ug/L			10/07/14 07:24	1
Acrylonitrile	ND		10	10	ug/L			10/07/14 07:24	1
Allyl chloride	ND		0.50	0.50	ug/L			10/07/14 07:24	1
Benzene	ND		0.50	0.50	ug/L			10/07/14 07:24	1
Bromobenzene	ND		0.50	0.50	ug/L			10/07/14 07:24	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/07/14 07:24	1
Bromoform	ND		0.50	0.50	ug/L			10/07/14 07:24	1
Bromomethane	ND		0.50	0.50	ug/L			10/07/14 07:24	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/07/14 07:24	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/07/14 07:24	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/07/14 07:24	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/07/14 07:24	1
Chloroethane	ND		0.50	0.50	ug/L			10/07/14 07:24	1
Chloroform	ND		0.50	0.50	ug/L			10/07/14 07:24	1
Chloromethane	ND		0.50	0.50	ug/L			10/07/14 07:24	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 07:24	1
Dibromomethane	ND		0.50	0.50	ug/L			10/07/14 07:24	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/07/14 07:24	1

Client Sample ID: W-140929-MLR-029

Lab Sample ID: 480-68365-29

Date Collected: 09/29/14 15:22

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/07/14 07:24	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/07/14 07:24	1
Ethyl ether	ND		0.50	0.50	ug/L			10/07/14 07:24	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/07/14 07:24	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/07/14 07:24	1
Iodomethane	ND		0.50	0.50	ug/L			10/07/14 07:24	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/07/14 07:24	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/07/14 07:24	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/07/14 07:24	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/07/14 07:24	1
Naphthalene	ND		0.50	0.50	ug/L			10/07/14 07:24	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 07:24	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/07/14 07:24	1
o-Xylene	ND		0.50	0.50	ug/L			10/07/14 07:24	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 07:24	1
Styrene	ND		0.50	0.50	ug/L			10/07/14 07:24	1
t-Butanol	ND		10	10	ug/L			10/07/14 07:24	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 07:24	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/07/14 07:24	1
Toluene	ND		0.50	0.50	ug/L			10/07/14 07:24	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/07/14 07:24	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 07:24	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/07/14 07:24	1
Trichloroethene	ND		0.20	0.20	ug/L			10/07/14 07:24	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/07/14 07:24	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/07/14 07:24	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/07/14 07:24	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/07/14 07:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*103*		*80 - 120*		*10/07/14 07:24*	*1*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*		*10/07/14 07:24*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**48.4**		0.50	0.50	mg/L			10/12/14 00:17	1

Client Sample ID: W-140929-MLR-030

Lab Sample ID: 480-68365-30

Date Collected: 09/29/14 15:58

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/07/14 07:51	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/07/14 07:51	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/07/14 07:51	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/07/14 07:51	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/07/14 07:51	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/07/14 07:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/07/14 07:51	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/07/14 07:51	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/07/14 07:51	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 07:51	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 07:51	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/07/14 07:51	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 07:51	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/07/14 07:51	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/07/14 07:51	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/07/14 07:51	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 07:51	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/07/14 07:51	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 07:51	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/07/14 07:51	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 07:51	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 07:51	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 07:51	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 07:51	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/07/14 07:51	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/07/14 07:51	1
2-Hexanone	ND		2.5	2.5	ug/L			10/07/14 07:51	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/07/14 07:51	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/07/14 07:51	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/07/14 07:51	1
Acetone	ND		2.5	2.5	ug/L			10/07/14 07:51	1
Acrylonitrile	ND		10	10	ug/L			10/07/14 07:51	1
Allyl chloride	ND		0.50	0.50	ug/L			10/07/14 07:51	1
Benzene	ND		0.50	0.50	ug/L			10/07/14 07:51	1
Bromobenzene	ND		0.50	0.50	ug/L			10/07/14 07:51	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/07/14 07:51	1
Bromoform	ND		0.50	0.50	ug/L			10/07/14 07:51	1
Bromomethane	ND		0.50	0.50	ug/L			10/07/14 07:51	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/07/14 07:51	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/07/14 07:51	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/07/14 07:51	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/07/14 07:51	1
Chloroethane	ND		0.50	0.50	ug/L			10/07/14 07:51	1
Chloroform	ND		0.50	0.50	ug/L			10/07/14 07:51	1
Chloromethane	ND		0.50	0.50	ug/L			10/07/14 07:51	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 07:51	1
Dibromomethane	ND		0.50	0.50	ug/L			10/07/14 07:51	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/07/14 07:51	1

Client Sample ID: W-140929-MLR-030

Lab Sample ID: 480-68365-30

Date Collected: 09/29/14 15:58

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/07/14 07:51	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/07/14 07:51	1
Ethyl ether	ND		0.50	0.50	ug/L			10/07/14 07:51	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/07/14 07:51	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/07/14 07:51	1
Iodomethane	ND		0.50	0.50	ug/L			10/07/14 07:51	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/07/14 07:51	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/07/14 07:51	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/07/14 07:51	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/07/14 07:51	1
Naphthalene	ND		0.50	0.50	ug/L			10/07/14 07:51	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 07:51	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/07/14 07:51	1
o-Xylene	ND		0.50	0.50	ug/L			10/07/14 07:51	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 07:51	1
Styrene	ND		0.50	0.50	ug/L			10/07/14 07:51	1
t-Butanol	ND		10	10	ug/L			10/07/14 07:51	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 07:51	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/07/14 07:51	1
Toluene	ND		0.50	0.50	ug/L			10/07/14 07:51	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/07/14 07:51	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 07:51	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/07/14 07:51	1
Trichloroethene	ND		0.20	0.20	ug/L			10/07/14 07:51	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/07/14 07:51	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/07/14 07:51	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/07/14 07:51	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/07/14 07:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*104*		*80 - 120*		*10/07/14 07:51*	*1*
4-Bromofluorobenzene (Surr)	*91*		*80 - 120*		*10/07/14 07:51*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**21.3**		0.50	0.50	mg/L			10/12/14 00:27	1

Client Sample ID: W-140929-MLR-031
Date Collected: 09/29/14 16:04
Date Received: 10/01/14 09:00

Lab Sample ID: 480-68365-31
Matrix: Water

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/07/14 08:18	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/07/14 08:18	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/07/14 08:18	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/07/14 08:18	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/07/14 08:18	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/07/14 08:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/07/14 08:18	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/07/14 08:18	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/07/14 08:18	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 08:18	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 08:18	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/07/14 08:18	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 08:18	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/07/14 08:18	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/07/14 08:18	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/07/14 08:18	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 08:18	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/07/14 08:18	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 08:18	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/07/14 08:18	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 08:18	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 08:18	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 08:18	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 08:18	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/07/14 08:18	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/07/14 08:18	1
2-Hexanone	ND		2.5	2.5	ug/L			10/07/14 08:18	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/07/14 08:18	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/07/14 08:18	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/07/14 08:18	1
Acetone	ND		2.5	2.5	ug/L			10/07/14 08:18	1
Acrylonitrile	ND		10	10	ug/L			10/07/14 08:18	1
Allyl chloride	ND		0.50	0.50	ug/L			10/07/14 08:18	1
Benzene	ND		0.50	0.50	ug/L			10/07/14 08:18	1
Bromobenzene	ND		0.50	0.50	ug/L			10/07/14 08:18	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/07/14 08:18	1
Bromoform	ND		0.50	0.50	ug/L			10/07/14 08:18	1
Bromomethane	ND		0.50	0.50	ug/L			10/07/14 08:18	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/07/14 08:18	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/07/14 08:18	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/07/14 08:18	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/07/14 08:18	1
Chloroethane	ND		0.50	0.50	ug/L			10/07/14 08:18	1
Chloroform	ND		0.50	0.50	ug/L			10/07/14 08:18	1
Chloromethane	ND		0.50	0.50	ug/L			10/07/14 08:18	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 08:18	1
Dibromomethane	ND		0.50	0.50	ug/L			10/07/14 08:18	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/07/14 08:18	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-68365-1

Client Sample ID: W-140929-MLR-031
Date Collected: 09/29/14 16:04
Date Received: 10/01/14 09:00

Lab Sample ID: 480-68365-31
Matrix: Water

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/07/14 08:18	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/07/14 08:18	1
Ethyl ether	ND		0.50	0.50	ug/L			10/07/14 08:18	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/07/14 08:18	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/07/14 08:18	1
Iodomethane	ND		0.50	0.50	ug/L			10/07/14 08:18	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/07/14 08:18	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/07/14 08:18	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/07/14 08:18	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/07/14 08:18	1
Naphthalene	ND		0.50	0.50	ug/L			10/07/14 08:18	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 08:18	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/07/14 08:18	1
o-Xylene	ND		0.50	0.50	ug/L			10/07/14 08:18	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 08:18	1
Styrene	ND		0.50	0.50	ug/L			10/07/14 08:18	1
t-Butanol	ND		10	10	ug/L			10/07/14 08:18	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 08:18	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/07/14 08:18	1
Toluene	ND		0.50	0.50	ug/L			10/07/14 08:18	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/07/14 08:18	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 08:18	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/07/14 08:18	1
Trichloroethene	ND		0.20	0.20	ug/L			10/07/14 08:18	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/07/14 08:18	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/07/14 08:18	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/07/14 08:18	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/07/14 08:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*108*		*80 - 120*		*10/07/14 08:18*	*1*
4-Bromofluorobenzene (Surr)	*87*		*80 - 120*		*10/07/14 08:18*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**12.3**		0.50	0.50	mg/L			10/12/14 00:38	1

Client Sample ID: W-140929-MLR-032

Lab Sample ID: 480-68365-32

Date Collected: 09/29/14 16:23

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/07/14 13:35	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/07/14 13:35	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/07/14 13:35	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/07/14 13:35	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/07/14 13:35	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/07/14 13:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/07/14 13:35	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/07/14 13:35	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/07/14 13:35	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 13:35	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 13:35	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/07/14 13:35	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 13:35	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/07/14 13:35	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/07/14 13:35	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/07/14 13:35	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 13:35	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/07/14 13:35	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 13:35	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/07/14 13:35	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 13:35	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 13:35	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 13:35	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 13:35	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/07/14 13:35	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/07/14 13:35	1
2-Hexanone	ND		2.5	2.5	ug/L			10/07/14 13:35	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/07/14 13:35	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/07/14 13:35	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/07/14 13:35	1
Acetone	ND		2.5	2.5	ug/L			10/07/14 13:35	1
Acrylonitrile	ND		10	10	ug/L			10/07/14 13:35	1
Allyl chloride	ND		0.50	0.50	ug/L			10/07/14 13:35	1
Benzene	ND		0.50	0.50	ug/L			10/07/14 13:35	1
Bromobenzene	ND		0.50	0.50	ug/L			10/07/14 13:35	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/07/14 13:35	1
Bromoform	ND		0.50	0.50	ug/L			10/07/14 13:35	1
Bromomethane	ND		0.50	0.50	ug/L			10/07/14 13:35	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/07/14 13:35	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/07/14 13:35	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/07/14 13:35	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/07/14 13:35	1
Chloroethane	ND		0.50	0.50	ug/L			10/07/14 13:35	1
Chloroform	ND		0.50	0.50	ug/L			10/07/14 13:35	1
Chloromethane	ND		0.50	0.50	ug/L			10/07/14 13:35	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 13:35	1
Dibromomethane	ND		0.50	0.50	ug/L			10/07/14 13:35	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/07/14 13:35	1

Client Sample ID: W-140929-MLR-032

Lab Sample ID: 480-68365-32

Date Collected: 09/29/14 16:23

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/07/14 13:35	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/07/14 13:35	1
Ethyl ether	ND		0.50	0.50	ug/L			10/07/14 13:35	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/07/14 13:35	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/07/14 13:35	1
Iodomethane	ND		0.50	0.50	ug/L			10/07/14 13:35	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/07/14 13:35	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/07/14 13:35	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/07/14 13:35	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/07/14 13:35	1
Naphthalene	ND		0.50	0.50	ug/L			10/07/14 13:35	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 13:35	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/07/14 13:35	1
o-Xylene	ND		0.50	0.50	ug/L			10/07/14 13:35	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 13:35	1
Styrene	ND		0.50	0.50	ug/L			10/07/14 13:35	1
t-Butanol	ND		10	10	ug/L			10/07/14 13:35	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 13:35	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/07/14 13:35	1
Toluene	ND		0.50	0.50	ug/L			10/07/14 13:35	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/07/14 13:35	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 13:35	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/07/14 13:35	1
Trichloroethene	ND		0.20	0.20	ug/L			10/07/14 13:35	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/07/14 13:35	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/07/14 13:35	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/07/14 13:35	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/07/14 13:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*106*		*80 - 120*		*10/07/14 13:35*	*1*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*10/07/14 13:35*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**21.4**		0.50	0.50	mg/L			10/12/14 00:48	1

Client Sample ID: W-140929-MLR-033

Lab Sample ID: 480-68365-33

Date Collected: 09/29/14 16:30

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/07/14 14:02	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/07/14 14:02	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/07/14 14:02	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/07/14 14:02	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/07/14 14:02	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/07/14 14:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/07/14 14:02	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/07/14 14:02	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/07/14 14:02	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 14:02	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 14:02	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/07/14 14:02	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 14:02	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/07/14 14:02	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/07/14 14:02	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/07/14 14:02	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 14:02	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/07/14 14:02	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 14:02	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/07/14 14:02	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 14:02	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 14:02	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 14:02	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 14:02	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/07/14 14:02	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/07/14 14:02	1
2-Hexanone	ND		2.5	2.5	ug/L			10/07/14 14:02	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/07/14 14:02	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/07/14 14:02	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/07/14 14:02	1
Acetone	ND		2.5	2.5	ug/L			10/07/14 14:02	1
Acrylonitrile	ND		10	10	ug/L			10/07/14 14:02	1
Allyl chloride	ND		0.50	0.50	ug/L			10/07/14 14:02	1
Benzene	ND		0.50	0.50	ug/L			10/07/14 14:02	1
Bromobenzene	ND		0.50	0.50	ug/L			10/07/14 14:02	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/07/14 14:02	1
Bromoform	ND		0.50	0.50	ug/L			10/07/14 14:02	1
Bromomethane	ND		0.50	0.50	ug/L			10/07/14 14:02	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/07/14 14:02	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/07/14 14:02	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/07/14 14:02	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/07/14 14:02	1
Chloroethane	ND		0.50	0.50	ug/L			10/07/14 14:02	1
Chloroform	ND		0.50	0.50	ug/L			10/07/14 14:02	1
Chloromethane	ND		0.50	0.50	ug/L			10/07/14 14:02	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 14:02	1
Dibromomethane	ND		0.50	0.50	ug/L			10/07/14 14:02	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/07/14 14:02	1

Client Sample ID: W-140929-MLR-033

Lab Sample ID: 480-68365-33

Date Collected: 09/29/14 16:30

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/07/14 14:02	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/07/14 14:02	1
Ethyl ether	ND		0.50	0.50	ug/L			10/07/14 14:02	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/07/14 14:02	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/07/14 14:02	1
Iodomethane	ND		0.50	0.50	ug/L			10/07/14 14:02	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/07/14 14:02	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/07/14 14:02	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/07/14 14:02	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/07/14 14:02	1
Naphthalene	ND		0.50	0.50	ug/L			10/07/14 14:02	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 14:02	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/07/14 14:02	1
o-Xylene	ND		0.50	0.50	ug/L			10/07/14 14:02	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 14:02	1
Styrene	ND		0.50	0.50	ug/L			10/07/14 14:02	1
t-Butanol	ND		10	10	ug/L			10/07/14 14:02	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 14:02	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/07/14 14:02	1
Toluene	ND		0.50	0.50	ug/L			10/07/14 14:02	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/07/14 14:02	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 14:02	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/07/14 14:02	1
Trichloroethene	ND		0.20	0.20	ug/L			10/07/14 14:02	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/07/14 14:02	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/07/14 14:02	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/07/14 14:02	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/07/14 14:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*100*		*80 - 120*		*10/07/14 14:02*	*1*
4-Bromofluorobenzene (Surr)	*92*		*80 - 120*		*10/07/14 14:02*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**50.6**		0.50	0.50	mg/L			10/12/14 00:58	1

Client Sample ID: W-140929-MLR-034

Lab Sample ID: 480-68365-34

Date Collected: 09/29/14 16:33

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/07/14 14:29	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/07/14 14:29	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/07/14 14:29	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/07/14 14:29	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/07/14 14:29	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/07/14 14:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/07/14 14:29	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/07/14 14:29	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/07/14 14:29	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 14:29	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 14:29	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/07/14 14:29	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 14:29	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/07/14 14:29	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/07/14 14:29	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/07/14 14:29	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 14:29	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/07/14 14:29	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 14:29	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/07/14 14:29	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 14:29	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 14:29	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 14:29	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 14:29	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/07/14 14:29	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/07/14 14:29	1
2-Hexanone	ND		2.5	2.5	ug/L			10/07/14 14:29	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/07/14 14:29	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/07/14 14:29	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/07/14 14:29	1
Acetone	ND		2.5	2.5	ug/L			10/07/14 14:29	1
Acrylonitrile	ND		10	10	ug/L			10/07/14 14:29	1
Allyl chloride	ND		0.50	0.50	ug/L			10/07/14 14:29	1
Benzene	ND		0.50	0.50	ug/L			10/07/14 14:29	1
Bromobenzene	ND		0.50	0.50	ug/L			10/07/14 14:29	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/07/14 14:29	1
Bromoform	ND		0.50	0.50	ug/L			10/07/14 14:29	1
Bromomethane	ND		0.50	0.50	ug/L			10/07/14 14:29	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/07/14 14:29	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/07/14 14:29	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/07/14 14:29	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/07/14 14:29	1
Chloroethane	ND		0.50	0.50	ug/L			10/07/14 14:29	1
Chloroform	ND		0.50	0.50	ug/L			10/07/14 14:29	1
Chloromethane	ND		0.50	0.50	ug/L			10/07/14 14:29	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 14:29	1
Dibromomethane	ND		0.50	0.50	ug/L			10/07/14 14:29	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/07/14 14:29	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-68365-1

Client Sample ID: W-140929-MLR-034
Date Collected: 09/29/14 16:33
Date Received: 10/01/14 09:00

Lab Sample ID: 480-68365-34
Matrix: Water

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/07/14 14:29	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/07/14 14:29	1
Ethyl ether	ND		0.50	0.50	ug/L			10/07/14 14:29	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/07/14 14:29	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/07/14 14:29	1
Iodomethane	ND		0.50	0.50	ug/L			10/07/14 14:29	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/07/14 14:29	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/07/14 14:29	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/07/14 14:29	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/07/14 14:29	1
Naphthalene	ND		0.50	0.50	ug/L			10/07/14 14:29	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 14:29	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/07/14 14:29	1
o-Xylene	ND		0.50	0.50	ug/L			10/07/14 14:29	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 14:29	1
Styrene	ND		0.50	0.50	ug/L			10/07/14 14:29	1
t-Butanol	ND		10	10	ug/L			10/07/14 14:29	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 14:29	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/07/14 14:29	1
Toluene	ND		0.50	0.50	ug/L			10/07/14 14:29	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/07/14 14:29	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 14:29	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/07/14 14:29	1
Trichloroethene	ND		0.20	0.20	ug/L			10/07/14 14:29	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/07/14 14:29	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/07/14 14:29	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/07/14 14:29	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/07/14 14:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*105*		*80 - 120*		*10/07/14 14:29*	*1*
4-Bromofluorobenzene (Surr)	*91*		*80 - 120*		*10/07/14 14:29*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**24.8**		0.50	0.50	mg/L			10/12/14 01:08	1

Client Sample ID: W-140929-MLR-035

Lab Sample ID: 480-68365-35

Date Collected: 09/29/14 16:37

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/07/14 14:56	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/07/14 14:56	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/07/14 14:56	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/07/14 14:56	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/07/14 14:56	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/07/14 14:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/07/14 14:56	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/07/14 14:56	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/07/14 14:56	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 14:56	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 14:56	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/07/14 14:56	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 14:56	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/07/14 14:56	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/07/14 14:56	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/07/14 14:56	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 14:56	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/07/14 14:56	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 14:56	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/07/14 14:56	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 14:56	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 14:56	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 14:56	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 14:56	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/07/14 14:56	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/07/14 14:56	1
2-Hexanone	ND		2.5	2.5	ug/L			10/07/14 14:56	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/07/14 14:56	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/07/14 14:56	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/07/14 14:56	1
Acetone	ND		2.5	2.5	ug/L			10/07/14 14:56	1
Acrylonitrile	ND		10	10	ug/L			10/07/14 14:56	1
Allyl chloride	ND		0.50	0.50	ug/L			10/07/14 14:56	1
Benzene	ND		0.50	0.50	ug/L			10/07/14 14:56	1
Bromobenzene	ND		0.50	0.50	ug/L			10/07/14 14:56	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/07/14 14:56	1
Bromoform	ND		0.50	0.50	ug/L			10/07/14 14:56	1
Bromomethane	ND		0.50	0.50	ug/L			10/07/14 14:56	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/07/14 14:56	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/07/14 14:56	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/07/14 14:56	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/07/14 14:56	1
Chloroethane	ND		0.50	0.50	ug/L			10/07/14 14:56	1
Chloroform	ND		0.50	0.50	ug/L			10/07/14 14:56	1
Chloromethane	ND		0.50	0.50	ug/L			10/07/14 14:56	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 14:56	1
Dibromomethane	ND		0.50	0.50	ug/L			10/07/14 14:56	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/07/14 14:56	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-68365-1

Client Sample ID: W-140929-MLR-035
Date Collected: 09/29/14 16:37
Date Received: 10/01/14 09:00

Lab Sample ID: 480-68365-35
Matrix: Water

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/07/14 14:56	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/07/14 14:56	1
Ethyl ether	ND		0.50	0.50	ug/L			10/07/14 14:56	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/07/14 14:56	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/07/14 14:56	1
Iodomethane	ND		0.50	0.50	ug/L			10/07/14 14:56	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/07/14 14:56	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/07/14 14:56	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/07/14 14:56	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/07/14 14:56	1
Naphthalene	ND		0.50	0.50	ug/L			10/07/14 14:56	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 14:56	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/07/14 14:56	1
o-Xylene	ND		0.50	0.50	ug/L			10/07/14 14:56	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 14:56	1
Styrene	ND		0.50	0.50	ug/L			10/07/14 14:56	1
t-Butanol	ND		10	10	ug/L			10/07/14 14:56	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 14:56	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/07/14 14:56	1
Toluene	ND		0.50	0.50	ug/L			10/07/14 14:56	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/07/14 14:56	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 14:56	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/07/14 14:56	1
Trichloroethene	ND		0.20	0.20	ug/L			10/07/14 14:56	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/07/14 14:56	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/07/14 14:56	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/07/14 14:56	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/07/14 14:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*102*		*80 - 120*		*10/07/14 14:56*	*1*
4-Bromofluorobenzene (Surr)	*92*		*80 - 120*		*10/07/14 14:56*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**17.7**		0.50	0.50	mg/L			10/12/14 01:18	1

Client Sample ID: W-140929-MLR-036

Lab Sample ID: 480-68365-36

Date Collected: 09/29/14 16:39

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/07/14 15:23	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/07/14 15:23	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/07/14 15:23	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/07/14 15:23	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/07/14 15:23	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/07/14 15:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/07/14 15:23	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/07/14 15:23	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/07/14 15:23	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 15:23	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 15:23	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/07/14 15:23	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 15:23	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/07/14 15:23	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/07/14 15:23	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/07/14 15:23	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 15:23	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/07/14 15:23	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 15:23	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/07/14 15:23	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 15:23	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 15:23	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 15:23	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 15:23	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/07/14 15:23	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/07/14 15:23	1
2-Hexanone	ND		2.5	2.5	ug/L			10/07/14 15:23	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/07/14 15:23	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/07/14 15:23	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/07/14 15:23	1
Acetone	ND		2.5	2.5	ug/L			10/07/14 15:23	1
Acrylonitrile	ND		10	10	ug/L			10/07/14 15:23	1
Allyl chloride	ND		0.50	0.50	ug/L			10/07/14 15:23	1
Benzene	ND		0.50	0.50	ug/L			10/07/14 15:23	1
Bromobenzene	ND		0.50	0.50	ug/L			10/07/14 15:23	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/07/14 15:23	1
Bromoform	ND		0.50	0.50	ug/L			10/07/14 15:23	1
Bromomethane	ND		0.50	0.50	ug/L			10/07/14 15:23	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/07/14 15:23	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/07/14 15:23	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/07/14 15:23	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/07/14 15:23	1
Chloroethane	ND		0.50	0.50	ug/L			10/07/14 15:23	1
Chloroform	ND		0.50	0.50	ug/L			10/07/14 15:23	1
Chloromethane	ND		0.50	0.50	ug/L			10/07/14 15:23	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 15:23	1
Dibromomethane	ND		0.50	0.50	ug/L			10/07/14 15:23	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/07/14 15:23	1

Client Sample ID: W-140929-MLR-036

Lab Sample ID: 480-68365-36

Date Collected: 09/29/14 16:39

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/07/14 15:23	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/07/14 15:23	1
Ethyl ether	ND		0.50	0.50	ug/L			10/07/14 15:23	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/07/14 15:23	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/07/14 15:23	1
Iodomethane	ND		0.50	0.50	ug/L			10/07/14 15:23	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/07/14 15:23	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/07/14 15:23	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/07/14 15:23	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/07/14 15:23	1
Naphthalene	ND		0.50	0.50	ug/L			10/07/14 15:23	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 15:23	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/07/14 15:23	1
o-Xylene	ND		0.50	0.50	ug/L			10/07/14 15:23	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 15:23	1
Styrene	ND		0.50	0.50	ug/L			10/07/14 15:23	1
t-Butanol	ND		10	10	ug/L			10/07/14 15:23	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 15:23	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/07/14 15:23	1
Toluene	ND		0.50	0.50	ug/L			10/07/14 15:23	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/07/14 15:23	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 15:23	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/07/14 15:23	1
Trichloroethene	ND		0.20	0.20	ug/L			10/07/14 15:23	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/07/14 15:23	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/07/14 15:23	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/07/14 15:23	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/07/14 15:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*100*		*80 - 120*		*10/07/14 15:23*	*1*
4-Bromofluorobenzene (Surr)	*92*		*80 - 120*		*10/07/14 15:23*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**42.4**		0.50	0.50	mg/L			10/12/14 01:28	1

Client Sample ID: W-140930-MLR-037

Lab Sample ID: 480-68365-37

Date Collected: 09/30/14 09:25

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/07/14 08:45	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/07/14 08:45	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/07/14 08:45	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/07/14 08:45	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/07/14 08:45	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/07/14 08:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/07/14 08:45	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/07/14 08:45	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/07/14 08:45	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 08:45	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 08:45	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/07/14 08:45	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 08:45	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/07/14 08:45	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/07/14 08:45	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/07/14 08:45	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 08:45	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/07/14 08:45	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 08:45	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/07/14 08:45	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 08:45	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 08:45	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 08:45	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 08:45	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/07/14 08:45	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/07/14 08:45	1
2-Hexanone	ND		2.5	2.5	ug/L			10/07/14 08:45	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/07/14 08:45	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/07/14 08:45	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/07/14 08:45	1
Acetone	ND		2.5	2.5	ug/L			10/07/14 08:45	1
Acrylonitrile	ND		10	10	ug/L			10/07/14 08:45	1
Allyl chloride	ND		0.50	0.50	ug/L			10/07/14 08:45	1
Benzene	ND		0.50	0.50	ug/L			10/07/14 08:45	1
Bromobenzene	ND		0.50	0.50	ug/L			10/07/14 08:45	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/07/14 08:45	1
Bromoform	ND		0.50	0.50	ug/L			10/07/14 08:45	1
Bromomethane	ND		0.50	0.50	ug/L			10/07/14 08:45	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/07/14 08:45	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/07/14 08:45	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/07/14 08:45	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/07/14 08:45	1
Chloroethane	ND		0.50	0.50	ug/L			10/07/14 08:45	1
Chloroform	ND		0.50	0.50	ug/L			10/07/14 08:45	1
Chloromethane	ND		0.50	0.50	ug/L			10/07/14 08:45	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 08:45	1
Dibromomethane	ND		0.50	0.50	ug/L			10/07/14 08:45	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/07/14 08:45	1

Client Sample ID: W-140930-MLR-037

Lab Sample ID: 480-68365-37

Date Collected: 09/30/14 09:25

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/07/14 08:45	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/07/14 08:45	1
Ethyl ether	ND		0.50	0.50	ug/L			10/07/14 08:45	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/07/14 08:45	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/07/14 08:45	1
Iodomethane	ND		0.50	0.50	ug/L			10/07/14 08:45	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/07/14 08:45	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/07/14 08:45	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/07/14 08:45	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/07/14 08:45	1
Naphthalene	ND		0.50	0.50	ug/L			10/07/14 08:45	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 08:45	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/07/14 08:45	1
o-Xylene	ND		0.50	0.50	ug/L			10/07/14 08:45	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 08:45	1
Styrene	ND		0.50	0.50	ug/L			10/07/14 08:45	1
t-Butanol	ND		10	10	ug/L			10/07/14 08:45	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 08:45	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/07/14 08:45	1
Toluene	ND		0.50	0.50	ug/L			10/07/14 08:45	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/07/14 08:45	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 08:45	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/07/14 08:45	1
Trichloroethene	ND		0.20	0.20	ug/L			10/07/14 08:45	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/07/14 08:45	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/07/14 08:45	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/07/14 08:45	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/07/14 08:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*103*		*80 - 120*		*10/07/14 08:45*	*1*
4-Bromofluorobenzene (Surr)	*86*		*80 - 120*		*10/07/14 08:45*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**54.6**		0.50	0.50	mg/L			10/11/14 16:52	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-68365-1

Client Sample ID: W-140930-MLR-038
Date Collected: 09/30/14 09:33
Date Received: 10/01/14 09:00

Lab Sample ID: 480-68365-38
Matrix: Water

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/07/14 15:49	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/07/14 15:49	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/07/14 15:49	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/07/14 15:49	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/07/14 15:49	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/07/14 15:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/07/14 15:49	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/07/14 15:49	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/07/14 15:49	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 15:49	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 15:49	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/07/14 15:49	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 15:49	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/07/14 15:49	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/07/14 15:49	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/07/14 15:49	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 15:49	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/07/14 15:49	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 15:49	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/07/14 15:49	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 15:49	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 15:49	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 15:49	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 15:49	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/07/14 15:49	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/07/14 15:49	1
2-Hexanone	ND		2.5	2.5	ug/L			10/07/14 15:49	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/07/14 15:49	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/07/14 15:49	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/07/14 15:49	1
Acetone	ND		2.5	2.5	ug/L			10/07/14 15:49	1
Acrylonitrile	ND		10	10	ug/L			10/07/14 15:49	1
Allyl chloride	ND		0.50	0.50	ug/L			10/07/14 15:49	1
Benzene	ND		0.50	0.50	ug/L			10/07/14 15:49	1
Bromobenzene	ND		0.50	0.50	ug/L			10/07/14 15:49	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/07/14 15:49	1
Bromoform	ND		0.50	0.50	ug/L			10/07/14 15:49	1
Bromomethane	ND		0.50	0.50	ug/L			10/07/14 15:49	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/07/14 15:49	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/07/14 15:49	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/07/14 15:49	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/07/14 15:49	1
Chloroethane	ND		0.50	0.50	ug/L			10/07/14 15:49	1
Chloroform	ND		0.50	0.50	ug/L			10/07/14 15:49	1
Chloromethane	ND		0.50	0.50	ug/L			10/07/14 15:49	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 15:49	1
Dibromomethane	ND		0.50	0.50	ug/L			10/07/14 15:49	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/07/14 15:49	1

Client Sample ID: W-140930-MLR-038

Lab Sample ID: 480-68365-38

Date Collected: 09/30/14 09:33

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/07/14 15:49	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/07/14 15:49	1
Ethyl ether	ND		0.50	0.50	ug/L			10/07/14 15:49	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/07/14 15:49	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/07/14 15:49	1
Iodomethane	ND		0.50	0.50	ug/L			10/07/14 15:49	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/07/14 15:49	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/07/14 15:49	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/07/14 15:49	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/07/14 15:49	1
Naphthalene	ND		0.50	0.50	ug/L			10/07/14 15:49	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 15:49	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/07/14 15:49	1
o-Xylene	ND		0.50	0.50	ug/L			10/07/14 15:49	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 15:49	1
Styrene	ND		0.50	0.50	ug/L			10/07/14 15:49	1
t-Butanol	ND		10	10	ug/L			10/07/14 15:49	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 15:49	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/07/14 15:49	1
Toluene	ND		0.50	0.50	ug/L			10/07/14 15:49	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/07/14 15:49	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 15:49	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/07/14 15:49	1
Trichloroethene	ND		0.20	0.20	ug/L			10/07/14 15:49	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/07/14 15:49	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/07/14 15:49	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/07/14 15:49	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/07/14 15:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*104*		*80 - 120*		*10/07/14 15:49*	*1*
4-Bromofluorobenzene (Surr)	*92*		*80 - 120*		*10/07/14 15:49*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**8.0**		0.50	0.50	mg/L			10/12/14 01:38	1

Client Sample ID: W-140930-MLR-039

Lab Sample ID: 480-68365-39

Date Collected: 09/30/14 10:05

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/07/14 16:16	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/07/14 16:16	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/07/14 16:16	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/07/14 16:16	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/07/14 16:16	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/07/14 16:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/07/14 16:16	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/07/14 16:16	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/07/14 16:16	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 16:16	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 16:16	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/07/14 16:16	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 16:16	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/07/14 16:16	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/07/14 16:16	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/07/14 16:16	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 16:16	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/07/14 16:16	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 16:16	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/07/14 16:16	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 16:16	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 16:16	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 16:16	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 16:16	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/07/14 16:16	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/07/14 16:16	1
2-Hexanone	ND		2.5	2.5	ug/L			10/07/14 16:16	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/07/14 16:16	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/07/14 16:16	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/07/14 16:16	1
Acetone	ND		2.5	2.5	ug/L			10/07/14 16:16	1
Acrylonitrile	ND		10	10	ug/L			10/07/14 16:16	1
Allyl chloride	ND		0.50	0.50	ug/L			10/07/14 16:16	1
Benzene	ND		0.50	0.50	ug/L			10/07/14 16:16	1
Bromobenzene	ND		0.50	0.50	ug/L			10/07/14 16:16	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/07/14 16:16	1
Bromoform	ND		0.50	0.50	ug/L			10/07/14 16:16	1
Bromomethane	ND		0.50	0.50	ug/L			10/07/14 16:16	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/07/14 16:16	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/07/14 16:16	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/07/14 16:16	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/07/14 16:16	1
Chloroethane	ND		0.50	0.50	ug/L			10/07/14 16:16	1
Chloroform	ND		0.50	0.50	ug/L			10/07/14 16:16	1
Chloromethane	ND		0.50	0.50	ug/L			10/07/14 16:16	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 16:16	1
Dibromomethane	ND		0.50	0.50	ug/L			10/07/14 16:16	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/07/14 16:16	1

Client Sample ID: W-140930-MLR-039

Lab Sample ID: 480-68365-39

Date Collected: 09/30/14 10:05

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/07/14 16:16	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/07/14 16:16	1
Ethyl ether	ND		0.50	0.50	ug/L			10/07/14 16:16	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/07/14 16:16	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/07/14 16:16	1
Iodomethane	ND		0.50	0.50	ug/L			10/07/14 16:16	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/07/14 16:16	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/07/14 16:16	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/07/14 16:16	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/07/14 16:16	1
Naphthalene	ND		0.50	0.50	ug/L			10/07/14 16:16	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 16:16	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/07/14 16:16	1
o-Xylene	ND		0.50	0.50	ug/L			10/07/14 16:16	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 16:16	1
Styrene	ND		0.50	0.50	ug/L			10/07/14 16:16	1
t-Butanol	ND		10	10	ug/L			10/07/14 16:16	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 16:16	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/07/14 16:16	1
Toluene	ND		0.50	0.50	ug/L			10/07/14 16:16	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/07/14 16:16	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 16:16	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/07/14 16:16	1
Trichloroethene	ND		0.20	0.20	ug/L			10/07/14 16:16	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/07/14 16:16	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/07/14 16:16	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/07/14 16:16	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/07/14 16:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*103*		*80 - 120*		*10/07/14 16:16*	*1*
4-Bromofluorobenzene (Surr)	*92*		*80 - 120*		*10/07/14 16:16*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3.2**		0.50	0.50	mg/L			10/11/14 17:22	1

Client Sample ID: W-140930-MLR-040

Lab Sample ID: 480-68365-40

Date Collected: 09/30/14 10:06

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/07/14 16:43	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/07/14 16:43	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/07/14 16:43	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/07/14 16:43	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/07/14 16:43	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/07/14 16:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/07/14 16:43	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/07/14 16:43	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/07/14 16:43	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 16:43	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 16:43	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/07/14 16:43	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 16:43	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/07/14 16:43	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/07/14 16:43	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/07/14 16:43	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 16:43	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/07/14 16:43	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 16:43	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/07/14 16:43	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 16:43	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 16:43	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 16:43	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 16:43	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/07/14 16:43	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/07/14 16:43	1
2-Hexanone	ND		2.5	2.5	ug/L			10/07/14 16:43	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/07/14 16:43	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/07/14 16:43	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/07/14 16:43	1
Acetone	ND		2.5	2.5	ug/L			10/07/14 16:43	1
Acrylonitrile	ND		10	10	ug/L			10/07/14 16:43	1
Allyl chloride	ND		0.50	0.50	ug/L			10/07/14 16:43	1
Benzene	ND		0.50	0.50	ug/L			10/07/14 16:43	1
Bromobenzene	ND		0.50	0.50	ug/L			10/07/14 16:43	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/07/14 16:43	1
Bromoform	ND		0.50	0.50	ug/L			10/07/14 16:43	1
Bromomethane	ND		0.50	0.50	ug/L			10/07/14 16:43	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/07/14 16:43	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/07/14 16:43	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/07/14 16:43	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/07/14 16:43	1
Chloroethane	ND		0.50	0.50	ug/L			10/07/14 16:43	1
Chloroform	ND		0.50	0.50	ug/L			10/07/14 16:43	1
Chloromethane	ND		0.50	0.50	ug/L			10/07/14 16:43	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 16:43	1
Dibromomethane	ND		0.50	0.50	ug/L			10/07/14 16:43	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/07/14 16:43	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-68365-1

Client Sample ID: W-140930-MLR-040

Lab Sample ID: 480-68365-40

Date Collected: 09/30/14 10:06

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/07/14 16:43	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/07/14 16:43	1
Ethyl ether	ND		0.50	0.50	ug/L			10/07/14 16:43	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/07/14 16:43	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/07/14 16:43	1
Iodomethane	ND		0.50	0.50	ug/L			10/07/14 16:43	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/07/14 16:43	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/07/14 16:43	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/07/14 16:43	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/07/14 16:43	1
Naphthalene	ND		0.50	0.50	ug/L			10/07/14 16:43	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 16:43	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/07/14 16:43	1
o-Xylene	ND		0.50	0.50	ug/L			10/07/14 16:43	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 16:43	1
Styrene	ND		0.50	0.50	ug/L			10/07/14 16:43	1
t-Butanol	ND		10	10	ug/L			10/07/14 16:43	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 16:43	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/07/14 16:43	1
Toluene	ND		0.50	0.50	ug/L			10/07/14 16:43	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/07/14 16:43	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 16:43	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/07/14 16:43	1
Trichloroethene	ND		0.20	0.20	ug/L			10/07/14 16:43	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/07/14 16:43	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/07/14 16:43	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/07/14 16:43	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/07/14 16:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*103*		*80 - 120*		*10/07/14 16:43*	*1*
4-Bromofluorobenzene (Surr)	*92*		*80 - 120*		*10/07/14 16:43*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3.3**		0.50	0.50	mg/L			10/11/14 17:32	1

Client Sample ID: W-140930-MLR-041

Lab Sample ID: 480-68365-41

Date Collected: 09/30/14 10:08

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/07/14 17:09	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/07/14 17:09	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/07/14 17:09	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/07/14 17:09	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/07/14 17:09	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/07/14 17:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/07/14 17:09	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/07/14 17:09	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/07/14 17:09	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 17:09	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 17:09	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/07/14 17:09	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 17:09	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/07/14 17:09	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/07/14 17:09	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/07/14 17:09	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 17:09	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/07/14 17:09	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 17:09	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/07/14 17:09	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 17:09	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 17:09	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 17:09	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 17:09	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/07/14 17:09	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/07/14 17:09	1
2-Hexanone	ND		2.5	2.5	ug/L			10/07/14 17:09	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/07/14 17:09	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/07/14 17:09	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/07/14 17:09	1
Acetone	ND		2.5	2.5	ug/L			10/07/14 17:09	1
Acrylonitrile	ND		10	10	ug/L			10/07/14 17:09	1
Allyl chloride	ND		0.50	0.50	ug/L			10/07/14 17:09	1
Benzene	ND		0.50	0.50	ug/L			10/07/14 17:09	1
Bromobenzene	ND		0.50	0.50	ug/L			10/07/14 17:09	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/07/14 17:09	1
Bromoform	ND		0.50	0.50	ug/L			10/07/14 17:09	1
Bromomethane	ND		0.50	0.50	ug/L			10/07/14 17:09	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/07/14 17:09	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/07/14 17:09	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/07/14 17:09	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/07/14 17:09	1
Chloroethane	ND		0.50	0.50	ug/L			10/07/14 17:09	1
Chloroform	ND		0.50	0.50	ug/L			10/07/14 17:09	1
Chloromethane	ND		0.50	0.50	ug/L			10/07/14 17:09	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 17:09	1
Dibromomethane	ND		0.50	0.50	ug/L			10/07/14 17:09	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/07/14 17:09	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-68365-1

Client Sample ID: W-140930-MLR-041
Date Collected: 09/30/14 10:08
Date Received: 10/01/14 09:00

Lab Sample ID: 480-68365-41
Matrix: Water

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/07/14 17:09	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/07/14 17:09	1
Ethyl ether	ND		0.50	0.50	ug/L			10/07/14 17:09	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/07/14 17:09	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/07/14 17:09	1
Iodomethane	ND		0.50	0.50	ug/L			10/07/14 17:09	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/07/14 17:09	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/07/14 17:09	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/07/14 17:09	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/07/14 17:09	1
Naphthalene	ND		0.50	0.50	ug/L			10/07/14 17:09	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 17:09	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/07/14 17:09	1
o-Xylene	ND		0.50	0.50	ug/L			10/07/14 17:09	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 17:09	1
Styrene	ND		0.50	0.50	ug/L			10/07/14 17:09	1
t-Butanol	ND		10	10	ug/L			10/07/14 17:09	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 17:09	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/07/14 17:09	1
Toluene	ND		0.50	0.50	ug/L			10/07/14 17:09	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/07/14 17:09	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 17:09	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/07/14 17:09	1
Trichloroethene	ND		0.20	0.20	ug/L			10/07/14 17:09	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/07/14 17:09	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/07/14 17:09	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/07/14 17:09	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/07/14 17:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*102*		*80 - 120*		*10/07/14 17:09*	*1*
4-Bromofluorobenzene (Surr)	*92*		*80 - 120*		*10/07/14 17:09*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**27.2**		0.50	0.50	mg/L			10/11/14 17:42	1

Client Sample ID: W-140930-MLR-042

Lab Sample ID: 480-68365-42

Date Collected: 09/30/14 10:12

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/07/14 17:37	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/07/14 17:37	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/07/14 17:37	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/07/14 17:37	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/07/14 17:37	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/07/14 17:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/07/14 17:37	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/07/14 17:37	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/07/14 17:37	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 17:37	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 17:37	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/07/14 17:37	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 17:37	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/07/14 17:37	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/07/14 17:37	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/07/14 17:37	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 17:37	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/07/14 17:37	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 17:37	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/07/14 17:37	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 17:37	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 17:37	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 17:37	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 17:37	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/07/14 17:37	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/07/14 17:37	1
2-Hexanone	ND		2.5	2.5	ug/L			10/07/14 17:37	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/07/14 17:37	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/07/14 17:37	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/07/14 17:37	1
Acetone	ND		2.5	2.5	ug/L			10/07/14 17:37	1
Acrylonitrile	ND		10	10	ug/L			10/07/14 17:37	1
Allyl chloride	ND		0.50	0.50	ug/L			10/07/14 17:37	1
Benzene	ND		0.50	0.50	ug/L			10/07/14 17:37	1
Bromobenzene	ND		0.50	0.50	ug/L			10/07/14 17:37	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/07/14 17:37	1
Bromoform	ND		0.50	0.50	ug/L			10/07/14 17:37	1
Bromomethane	ND		0.50	0.50	ug/L			10/07/14 17:37	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/07/14 17:37	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/07/14 17:37	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/07/14 17:37	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/07/14 17:37	1
Chloroethane	ND		0.50	0.50	ug/L			10/07/14 17:37	1
Chloroform	ND		0.50	0.50	ug/L			10/07/14 17:37	1
Chloromethane	ND		0.50	0.50	ug/L			10/07/14 17:37	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 17:37	1
Dibromomethane	ND		0.50	0.50	ug/L			10/07/14 17:37	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/07/14 17:37	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-68365-1

Client Sample ID: W-140930-MLR-042
Date Collected: 09/30/14 10:12
Date Received: 10/01/14 09:00

Lab Sample ID: 480-68365-42
Matrix: Water

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/07/14 17:37	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/07/14 17:37	1
Ethyl ether	ND		0.50	0.50	ug/L			10/07/14 17:37	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/07/14 17:37	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/07/14 17:37	1
Iodomethane	ND		0.50	0.50	ug/L			10/07/14 17:37	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/07/14 17:37	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/07/14 17:37	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/07/14 17:37	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/07/14 17:37	1
Naphthalene	ND		0.50	0.50	ug/L			10/07/14 17:37	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 17:37	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/07/14 17:37	1
o-Xylene	ND		0.50	0.50	ug/L			10/07/14 17:37	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 17:37	1
Styrene	ND		0.50	0.50	ug/L			10/07/14 17:37	1
t-Butanol	ND		10	10	ug/L			10/07/14 17:37	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 17:37	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/07/14 17:37	1
Toluene	ND		0.50	0.50	ug/L			10/07/14 17:37	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/07/14 17:37	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 17:37	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/07/14 17:37	1
Trichloroethene	ND		0.20	0.20	ug/L			10/07/14 17:37	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/07/14 17:37	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/07/14 17:37	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/07/14 17:37	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/07/14 17:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*104*		*80 - 120*		*10/07/14 17:37*	*1*
4-Bromofluorobenzene (Surr)	*90*		*80 - 120*		*10/07/14 17:37*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**22.2**		0.50	0.50	mg/L			10/11/14 17:52	1

Client Sample ID: W-140930-MLR-043

Lab Sample ID: 480-68365-43

Date Collected: 09/30/14 10:45

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/07/14 18:04	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/07/14 18:04	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/07/14 18:04	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/07/14 18:04	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/07/14 18:04	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/07/14 18:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/07/14 18:04	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/07/14 18:04	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/07/14 18:04	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 18:04	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 18:04	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/07/14 18:04	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 18:04	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/07/14 18:04	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/07/14 18:04	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/07/14 18:04	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 18:04	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/07/14 18:04	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 18:04	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/07/14 18:04	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 18:04	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 18:04	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 18:04	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 18:04	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/07/14 18:04	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/07/14 18:04	1
2-Hexanone	ND		2.5	2.5	ug/L			10/07/14 18:04	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/07/14 18:04	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/07/14 18:04	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/07/14 18:04	1
Acetone	ND		2.5	2.5	ug/L			10/07/14 18:04	1
Acrylonitrile	ND		10	10	ug/L			10/07/14 18:04	1
Allyl chloride	ND		0.50	0.50	ug/L			10/07/14 18:04	1
Benzene	ND		0.50	0.50	ug/L			10/07/14 18:04	1
Bromobenzene	ND		0.50	0.50	ug/L			10/07/14 18:04	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/07/14 18:04	1
Bromoform	ND		0.50	0.50	ug/L			10/07/14 18:04	1
Bromomethane	ND		0.50	0.50	ug/L			10/07/14 18:04	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/07/14 18:04	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/07/14 18:04	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/07/14 18:04	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/07/14 18:04	1
Chloroethane	ND		0.50	0.50	ug/L			10/07/14 18:04	1
Chloroform	ND		0.50	0.50	ug/L			10/07/14 18:04	1
Chloromethane	ND		0.50	0.50	ug/L			10/07/14 18:04	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 18:04	1
Dibromomethane	ND		0.50	0.50	ug/L			10/07/14 18:04	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/07/14 18:04	1

Client Sample ID: W-140930-MLR-043

Lab Sample ID: 480-68365-43

Date Collected: 09/30/14 10:45

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/07/14 18:04	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/07/14 18:04	1
Ethyl ether	ND		0.50	0.50	ug/L			10/07/14 18:04	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/07/14 18:04	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/07/14 18:04	1
Iodomethane	ND		0.50	0.50	ug/L			10/07/14 18:04	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/07/14 18:04	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/07/14 18:04	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/07/14 18:04	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/07/14 18:04	1
Naphthalene	ND		0.50	0.50	ug/L			10/07/14 18:04	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 18:04	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/07/14 18:04	1
o-Xylene	ND		0.50	0.50	ug/L			10/07/14 18:04	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 18:04	1
Styrene	ND		0.50	0.50	ug/L			10/07/14 18:04	1
t-Butanol	ND		10	10	ug/L			10/07/14 18:04	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 18:04	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/07/14 18:04	1
Toluene	ND		0.50	0.50	ug/L			10/07/14 18:04	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/07/14 18:04	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 18:04	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/07/14 18:04	1
Trichloroethene	ND		0.20	0.20	ug/L			10/07/14 18:04	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/07/14 18:04	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/07/14 18:04	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/07/14 18:04	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/07/14 18:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*103*		*80 - 120*		*10/07/14 18:04*	*1*
4-Bromofluorobenzene (Surr)	*87*		*80 - 120*		*10/07/14 18:04*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**46.5**		0.50	0.50	mg/L			10/11/14 18:03	1

Client Sample ID: W-140930-MLR-044
Date Collected: 09/30/14 10:50
Date Received: 10/01/14 09:00

Lab Sample ID: 480-68365-44
Matrix: Water

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/07/14 18:30	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/07/14 18:30	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/07/14 18:30	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/07/14 18:30	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/07/14 18:30	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/07/14 18:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/07/14 18:30	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/07/14 18:30	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/07/14 18:30	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 18:30	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 18:30	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/07/14 18:30	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 18:30	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/07/14 18:30	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/07/14 18:30	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/07/14 18:30	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 18:30	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/07/14 18:30	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 18:30	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/07/14 18:30	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 18:30	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 18:30	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 18:30	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 18:30	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/07/14 18:30	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/07/14 18:30	1
2-Hexanone	ND		2.5	2.5	ug/L			10/07/14 18:30	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/07/14 18:30	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/07/14 18:30	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/07/14 18:30	1
Acetone	ND		2.5	2.5	ug/L			10/07/14 18:30	1
Acrylonitrile	ND		10	10	ug/L			10/07/14 18:30	1
Allyl chloride	ND		0.50	0.50	ug/L			10/07/14 18:30	1
Benzene	ND		0.50	0.50	ug/L			10/07/14 18:30	1
Bromobenzene	ND		0.50	0.50	ug/L			10/07/14 18:30	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/07/14 18:30	1
Bromoform	ND		0.50	0.50	ug/L			10/07/14 18:30	1
Bromomethane	ND		0.50	0.50	ug/L			10/07/14 18:30	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/07/14 18:30	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/07/14 18:30	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/07/14 18:30	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/07/14 18:30	1
Chloroethane	ND		0.50	0.50	ug/L			10/07/14 18:30	1
Chloroform	ND		0.50	0.50	ug/L			10/07/14 18:30	1
Chloromethane	ND		0.50	0.50	ug/L			10/07/14 18:30	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 18:30	1
Dibromomethane	ND		0.50	0.50	ug/L			10/07/14 18:30	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/07/14 18:30	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-68365-1

Client Sample ID: W-140930-MLR-044
Date Collected: 09/30/14 10:50
Date Received: 10/01/14 09:00

Lab Sample ID: 480-68365-44
Matrix: Water

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/07/14 18:30	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/07/14 18:30	1
Ethyl ether	ND		0.50	0.50	ug/L			10/07/14 18:30	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/07/14 18:30	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/07/14 18:30	1
Iodomethane	ND		0.50	0.50	ug/L			10/07/14 18:30	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/07/14 18:30	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/07/14 18:30	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/07/14 18:30	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/07/14 18:30	1
Naphthalene	ND		0.50	0.50	ug/L			10/07/14 18:30	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 18:30	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/07/14 18:30	1
o-Xylene	ND		0.50	0.50	ug/L			10/07/14 18:30	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 18:30	1
Styrene	ND		0.50	0.50	ug/L			10/07/14 18:30	1
t-Butanol	ND		10	10	ug/L			10/07/14 18:30	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 18:30	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/07/14 18:30	1
Toluene	ND		0.50	0.50	ug/L			10/07/14 18:30	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/07/14 18:30	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 18:30	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/07/14 18:30	1
Trichloroethene	ND		0.20	0.20	ug/L			10/07/14 18:30	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/07/14 18:30	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/07/14 18:30	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/07/14 18:30	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/07/14 18:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*102*		*80 - 120*		*10/07/14 18:30*	*1*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*10/07/14 18:30*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**37.2**		0.50	0.50	mg/L			10/11/14 18:13	1

Client Sample ID: W-140930-MLR-045

Lab Sample ID: 480-68365-45

Date Collected: 09/30/14 11:02

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/07/14 18:57	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/07/14 18:57	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/07/14 18:57	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/07/14 18:57	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/07/14 18:57	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/07/14 18:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/07/14 18:57	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/07/14 18:57	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/07/14 18:57	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 18:57	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 18:57	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/07/14 18:57	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 18:57	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/07/14 18:57	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/07/14 18:57	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/07/14 18:57	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 18:57	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/07/14 18:57	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 18:57	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/07/14 18:57	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 18:57	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 18:57	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 18:57	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 18:57	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/07/14 18:57	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/07/14 18:57	1
2-Hexanone	ND		2.5	2.5	ug/L			10/07/14 18:57	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/07/14 18:57	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/07/14 18:57	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/07/14 18:57	1
Acetone	ND		2.5	2.5	ug/L			10/07/14 18:57	1
Acrylonitrile	ND		10	10	ug/L			10/07/14 18:57	1
Allyl chloride	ND		0.50	0.50	ug/L			10/07/14 18:57	1
Benzene	ND		0.50	0.50	ug/L			10/07/14 18:57	1
Bromobenzene	ND		0.50	0.50	ug/L			10/07/14 18:57	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/07/14 18:57	1
Bromoform	ND		0.50	0.50	ug/L			10/07/14 18:57	1
Bromomethane	ND		0.50	0.50	ug/L			10/07/14 18:57	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/07/14 18:57	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/07/14 18:57	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/07/14 18:57	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/07/14 18:57	1
Chloroethane	ND		0.50	0.50	ug/L			10/07/14 18:57	1
Chloroform	ND		0.50	0.50	ug/L			10/07/14 18:57	1
Chloromethane	ND		0.50	0.50	ug/L			10/07/14 18:57	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 18:57	1
Dibromomethane	ND		0.50	0.50	ug/L			10/07/14 18:57	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/07/14 18:57	1

Client Sample ID: W-140930-MLR-045

Lab Sample ID: 480-68365-45

Date Collected: 09/30/14 11:02

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/07/14 18:57	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/07/14 18:57	1
Ethyl ether	ND		0.50	0.50	ug/L			10/07/14 18:57	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/07/14 18:57	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/07/14 18:57	1
Iodomethane	ND		0.50	0.50	ug/L			10/07/14 18:57	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/07/14 18:57	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/07/14 18:57	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/07/14 18:57	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/07/14 18:57	1
Naphthalene	ND		0.50	0.50	ug/L			10/07/14 18:57	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 18:57	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/07/14 18:57	1
o-Xylene	ND		0.50	0.50	ug/L			10/07/14 18:57	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 18:57	1
Styrene	ND		0.50	0.50	ug/L			10/07/14 18:57	1
t-Butanol	ND		10	10	ug/L			10/07/14 18:57	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 18:57	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/07/14 18:57	1
Toluene	ND		0.50	0.50	ug/L			10/07/14 18:57	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/07/14 18:57	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 18:57	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/07/14 18:57	1
Trichloroethene	ND		0.20	0.20	ug/L			10/07/14 18:57	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/07/14 18:57	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/07/14 18:57	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/07/14 18:57	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/07/14 18:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*104*		*80 - 120*		*10/07/14 18:57*	*1*
4-Bromofluorobenzene (Surr)	*91*		*80 - 120*		*10/07/14 18:57*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5.2**		0.50	0.50	mg/L			10/11/14 18:23	1

Client Sample ID: W-140930-MLR-046

Lab Sample ID: 480-68365-46

Date Collected: 09/30/14 11:04

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/07/14 19:24	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/07/14 19:24	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/07/14 19:24	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/07/14 19:24	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/07/14 19:24	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/07/14 19:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/07/14 19:24	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/07/14 19:24	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/07/14 19:24	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 19:24	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 19:24	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/07/14 19:24	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 19:24	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/07/14 19:24	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/07/14 19:24	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/07/14 19:24	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 19:24	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/07/14 19:24	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 19:24	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/07/14 19:24	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 19:24	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 19:24	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 19:24	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 19:24	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/07/14 19:24	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/07/14 19:24	1
2-Hexanone	ND		2.5	2.5	ug/L			10/07/14 19:24	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/07/14 19:24	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/07/14 19:24	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/07/14 19:24	1
Acetone	ND		2.5	2.5	ug/L			10/07/14 19:24	1
Acrylonitrile	ND		10	10	ug/L			10/07/14 19:24	1
Allyl chloride	ND		0.50	0.50	ug/L			10/07/14 19:24	1
Benzene	ND		0.50	0.50	ug/L			10/07/14 19:24	1
Bromobenzene	ND		0.50	0.50	ug/L			10/07/14 19:24	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/07/14 19:24	1
Bromoform	ND		0.50	0.50	ug/L			10/07/14 19:24	1
Bromomethane	ND		0.50	0.50	ug/L			10/07/14 19:24	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/07/14 19:24	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/07/14 19:24	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/07/14 19:24	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/07/14 19:24	1
Chloroethane	ND		0.50	0.50	ug/L			10/07/14 19:24	1
Chloroform	ND		0.50	0.50	ug/L			10/07/14 19:24	1
Chloromethane	ND		0.50	0.50	ug/L			10/07/14 19:24	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 19:24	1
Dibromomethane	ND		0.50	0.50	ug/L			10/07/14 19:24	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/07/14 19:24	1

Client Sample ID: W-140930-MLR-046

Lab Sample ID: 480-68365-46

Date Collected: 09/30/14 11:04

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/07/14 19:24	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/07/14 19:24	1
Ethyl ether	ND		0.50	0.50	ug/L			10/07/14 19:24	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/07/14 19:24	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/07/14 19:24	1
Iodomethane	ND		0.50	0.50	ug/L			10/07/14 19:24	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/07/14 19:24	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/07/14 19:24	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/07/14 19:24	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/07/14 19:24	1
Naphthalene	ND		0.50	0.50	ug/L			10/07/14 19:24	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 19:24	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/07/14 19:24	1
o-Xylene	ND		0.50	0.50	ug/L			10/07/14 19:24	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 19:24	1
Styrene	ND		0.50	0.50	ug/L			10/07/14 19:24	1
t-Butanol	ND		10	10	ug/L			10/07/14 19:24	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 19:24	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/07/14 19:24	1
Toluene	ND		0.50	0.50	ug/L			10/07/14 19:24	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/07/14 19:24	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 19:24	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/07/14 19:24	1
Trichloroethene	ND		0.20	0.20	ug/L			10/07/14 19:24	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/07/14 19:24	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/07/14 19:24	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/07/14 19:24	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/07/14 19:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*105*		*80 - 120*		*10/07/14 19:24*	*1*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*10/07/14 19:24*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**21.2**		0.50	0.50	mg/L			10/11/14 18:33	1

Client Sample ID: W-140930-MLR-047

Lab Sample ID: 480-68365-47

Date Collected: 09/30/14 11:30

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/07/14 19:51	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/07/14 19:51	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/07/14 19:51	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/07/14 19:51	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/07/14 19:51	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/07/14 19:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/07/14 19:51	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/07/14 19:51	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/07/14 19:51	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 19:51	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 19:51	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/07/14 19:51	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 19:51	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/07/14 19:51	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/07/14 19:51	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/07/14 19:51	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 19:51	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/07/14 19:51	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 19:51	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/07/14 19:51	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 19:51	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 19:51	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 19:51	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 19:51	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/07/14 19:51	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/07/14 19:51	1
2-Hexanone	ND		2.5	2.5	ug/L			10/07/14 19:51	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/07/14 19:51	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/07/14 19:51	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/07/14 19:51	1
Acetone	ND		2.5	2.5	ug/L			10/07/14 19:51	1
Acrylonitrile	ND		10	10	ug/L			10/07/14 19:51	1
Allyl chloride	ND		0.50	0.50	ug/L			10/07/14 19:51	1
Benzene	ND		0.50	0.50	ug/L			10/07/14 19:51	1
Bromobenzene	ND		0.50	0.50	ug/L			10/07/14 19:51	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/07/14 19:51	1
Bromoform	ND		0.50	0.50	ug/L			10/07/14 19:51	1
Bromomethane	ND		0.50	0.50	ug/L			10/07/14 19:51	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/07/14 19:51	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/07/14 19:51	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/07/14 19:51	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/07/14 19:51	1
Chloroethane	ND		0.50	0.50	ug/L			10/07/14 19:51	1
Chloroform	ND		0.50	0.50	ug/L			10/07/14 19:51	1
Chloromethane	ND		0.50	0.50	ug/L			10/07/14 19:51	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 19:51	1
Dibromomethane	ND		0.50	0.50	ug/L			10/07/14 19:51	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/07/14 19:51	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-68365-1

Client Sample ID: W-140930-MLR-047
Date Collected: 09/30/14 11:30
Date Received: 10/01/14 09:00

Lab Sample ID: 480-68365-47
Matrix: Water

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/07/14 19:51	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/07/14 19:51	1
Ethyl ether	ND		0.50	0.50	ug/L			10/07/14 19:51	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/07/14 19:51	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/07/14 19:51	1
Iodomethane	ND		0.50	0.50	ug/L			10/07/14 19:51	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/07/14 19:51	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/07/14 19:51	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/07/14 19:51	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/07/14 19:51	1
Naphthalene	ND		0.50	0.50	ug/L			10/07/14 19:51	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 19:51	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/07/14 19:51	1
o-Xylene	ND		0.50	0.50	ug/L			10/07/14 19:51	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 19:51	1
Styrene	ND		0.50	0.50	ug/L			10/07/14 19:51	1
t-Butanol	ND		10	10	ug/L			10/07/14 19:51	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 19:51	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/07/14 19:51	1
Toluene	ND		0.50	0.50	ug/L			10/07/14 19:51	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/07/14 19:51	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 19:51	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/07/14 19:51	1
Trichloroethene	ND		0.20	0.20	ug/L			10/07/14 19:51	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/07/14 19:51	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/07/14 19:51	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/07/14 19:51	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/07/14 19:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*103*		*80 - 120*		*10/07/14 19:51*	*1*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*		*10/07/14 19:51*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7.5**		0.50	0.50	mg/L			10/11/14 19:03	1

Client Sample ID: W-140930-MLR-048

Lab Sample ID: 480-68365-48

Date Collected: 09/30/14 11:35

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/07/14 20:18	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/07/14 20:18	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/07/14 20:18	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/07/14 20:18	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/07/14 20:18	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/07/14 20:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/07/14 20:18	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/07/14 20:18	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/07/14 20:18	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 20:18	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 20:18	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/07/14 20:18	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 20:18	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/07/14 20:18	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/07/14 20:18	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/07/14 20:18	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 20:18	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/07/14 20:18	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 20:18	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/07/14 20:18	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 20:18	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 20:18	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 20:18	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 20:18	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/07/14 20:18	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/07/14 20:18	1
2-Hexanone	ND		2.5	2.5	ug/L			10/07/14 20:18	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/07/14 20:18	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/07/14 20:18	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/07/14 20:18	1
Acetone	ND		2.5	2.5	ug/L			10/07/14 20:18	1
Acrylonitrile	ND		10	10	ug/L			10/07/14 20:18	1
Allyl chloride	ND		0.50	0.50	ug/L			10/07/14 20:18	1
Benzene	ND		0.50	0.50	ug/L			10/07/14 20:18	1
Bromobenzene	ND		0.50	0.50	ug/L			10/07/14 20:18	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/07/14 20:18	1
Bromoform	ND		0.50	0.50	ug/L			10/07/14 20:18	1
Bromomethane	ND		0.50	0.50	ug/L			10/07/14 20:18	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/07/14 20:18	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/07/14 20:18	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/07/14 20:18	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/07/14 20:18	1
Chloroethane	ND		0.50	0.50	ug/L			10/07/14 20:18	1
Chloroform	ND		0.50	0.50	ug/L			10/07/14 20:18	1
Chloromethane	ND		0.50	0.50	ug/L			10/07/14 20:18	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 20:18	1
Dibromomethane	ND		0.50	0.50	ug/L			10/07/14 20:18	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/07/14 20:18	1

Client Sample ID: W-140930-MLR-048

Lab Sample ID: 480-68365-48

Date Collected: 09/30/14 11:35

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/07/14 20:18	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/07/14 20:18	1
Ethyl ether	ND		0.50	0.50	ug/L			10/07/14 20:18	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/07/14 20:18	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/07/14 20:18	1
Iodomethane	ND		0.50	0.50	ug/L			10/07/14 20:18	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/07/14 20:18	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/07/14 20:18	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/07/14 20:18	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/07/14 20:18	1
Naphthalene	ND		0.50	0.50	ug/L			10/07/14 20:18	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 20:18	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/07/14 20:18	1
o-Xylene	ND		0.50	0.50	ug/L			10/07/14 20:18	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 20:18	1
Styrene	ND		0.50	0.50	ug/L			10/07/14 20:18	1
t-Butanol	ND		10	10	ug/L			10/07/14 20:18	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 20:18	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/07/14 20:18	1
Toluene	ND		0.50	0.50	ug/L			10/07/14 20:18	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/07/14 20:18	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 20:18	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/07/14 20:18	1
Trichloroethene	ND		0.20	0.20	ug/L			10/07/14 20:18	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/07/14 20:18	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/07/14 20:18	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/07/14 20:18	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/07/14 20:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*103*		*80 - 120*		*10/07/14 20:18*	*1*
4-Bromofluorobenzene (Surr)	*92*		*80 - 120*		*10/07/14 20:18*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4.7**		0.50	0.50	mg/L			10/11/14 19:14	1

Client Sample ID: W-140930-MLR-049

Lab Sample ID: 480-68365-49

Date Collected: 09/30/14 11:45

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/08/14 00:12	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/08/14 00:12	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/08/14 00:12	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/08/14 00:12	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/08/14 00:12	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/08/14 00:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/08/14 00:12	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/08/14 00:12	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/08/14 00:12	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/08/14 00:12	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/08/14 00:12	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/08/14 00:12	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/08/14 00:12	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/08/14 00:12	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/08/14 00:12	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/08/14 00:12	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/08/14 00:12	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/08/14 00:12	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/08/14 00:12	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/08/14 00:12	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/08/14 00:12	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/08/14 00:12	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/08/14 00:12	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/08/14 00:12	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/08/14 00:12	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/08/14 00:12	1
2-Hexanone	ND		2.5	2.5	ug/L			10/08/14 00:12	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/08/14 00:12	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/08/14 00:12	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/08/14 00:12	1
Acetone	ND		2.5	2.5	ug/L			10/08/14 00:12	1
Acrylonitrile	ND		10	10	ug/L			10/08/14 00:12	1
Allyl chloride	ND		0.50	0.50	ug/L			10/08/14 00:12	1
Benzene	ND		0.50	0.50	ug/L			10/08/14 00:12	1
Bromobenzene	ND		0.50	0.50	ug/L			10/08/14 00:12	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/08/14 00:12	1
Bromoform	ND		0.50	0.50	ug/L			10/08/14 00:12	1
Bromomethane	ND		0.50	0.50	ug/L			10/08/14 00:12	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/08/14 00:12	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/08/14 00:12	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/08/14 00:12	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/08/14 00:12	1
Chloroethane	ND		0.50	0.50	ug/L			10/08/14 00:12	1
Chloroform	ND		0.50	0.50	ug/L			10/08/14 00:12	1
Chloromethane	ND		0.50	0.50	ug/L			10/08/14 00:12	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/08/14 00:12	1
Dibromomethane	ND		0.50	0.50	ug/L			10/08/14 00:12	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/08/14 00:12	1

Client Sample ID: W-140930-MLR-049

Lab Sample ID: 480-68365-49

Date Collected: 09/30/14 11:45

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/08/14 00:12	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/08/14 00:12	1
Ethyl ether	ND		0.50	0.50	ug/L			10/08/14 00:12	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/08/14 00:12	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/08/14 00:12	1
Iodomethane	ND		0.50	0.50	ug/L			10/08/14 00:12	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/08/14 00:12	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/08/14 00:12	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/08/14 00:12	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/08/14 00:12	1
Naphthalene	ND		0.50	0.50	ug/L			10/08/14 00:12	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/08/14 00:12	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/08/14 00:12	1
o-Xylene	ND		0.50	0.50	ug/L			10/08/14 00:12	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/08/14 00:12	1
Styrene	ND		0.50	0.50	ug/L			10/08/14 00:12	1
t-Butanol	ND		10	10	ug/L			10/08/14 00:12	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/08/14 00:12	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/08/14 00:12	1
Toluene	ND		0.50	0.50	ug/L			10/08/14 00:12	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/08/14 00:12	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/08/14 00:12	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/08/14 00:12	1
Trichloroethene	ND		0.20	0.20	ug/L			10/08/14 00:12	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/08/14 00:12	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/08/14 00:12	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/08/14 00:12	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/08/14 00:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*101*		*80 - 120*		*10/08/14 00:12*	*1*
4-Bromofluorobenzene (Surr)	*91*		*80 - 120*		*10/08/14 00:12*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6.4**		0.50	0.50	mg/L			10/11/14 19:24	1

Client Sample ID: W-140930-MLR-050

Lab Sample ID: 480-68365-50

Date Collected: 09/30/14 12:15

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/08/14 00:39	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/08/14 00:39	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/08/14 00:39	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/08/14 00:39	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/08/14 00:39	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/08/14 00:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/08/14 00:39	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/08/14 00:39	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/08/14 00:39	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/08/14 00:39	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/08/14 00:39	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/08/14 00:39	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/08/14 00:39	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/08/14 00:39	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/08/14 00:39	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/08/14 00:39	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/08/14 00:39	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/08/14 00:39	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/08/14 00:39	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/08/14 00:39	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/08/14 00:39	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/08/14 00:39	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/08/14 00:39	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/08/14 00:39	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/08/14 00:39	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/08/14 00:39	1
2-Hexanone	ND		2.5	2.5	ug/L			10/08/14 00:39	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/08/14 00:39	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/08/14 00:39	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/08/14 00:39	1
Acetone	ND		2.5	2.5	ug/L			10/08/14 00:39	1
Acrylonitrile	ND		10	10	ug/L			10/08/14 00:39	1
Allyl chloride	ND		0.50	0.50	ug/L			10/08/14 00:39	1
Benzene	ND		0.50	0.50	ug/L			10/08/14 00:39	1
Bromobenzene	ND		0.50	0.50	ug/L			10/08/14 00:39	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/08/14 00:39	1
Bromoform	ND		0.50	0.50	ug/L			10/08/14 00:39	1
Bromomethane	ND		0.50	0.50	ug/L			10/08/14 00:39	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/08/14 00:39	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/08/14 00:39	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/08/14 00:39	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/08/14 00:39	1
Chloroethane	ND		0.50	0.50	ug/L			10/08/14 00:39	1
Chloroform	ND		0.50	0.50	ug/L			10/08/14 00:39	1
Chloromethane	ND		0.50	0.50	ug/L			10/08/14 00:39	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/08/14 00:39	1
Dibromomethane	ND		0.50	0.50	ug/L			10/08/14 00:39	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/08/14 00:39	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-68365-1

Client Sample ID: W-140930-MLR-050
Date Collected: 09/30/14 12:15
Date Received: 10/01/14 09:00

Lab Sample ID: 480-68365-50
Matrix: Water

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/08/14 00:39	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/08/14 00:39	1
Ethyl ether	ND		0.50	0.50	ug/L			10/08/14 00:39	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/08/14 00:39	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/08/14 00:39	1
Iodomethane	ND		0.50	0.50	ug/L			10/08/14 00:39	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/08/14 00:39	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/08/14 00:39	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/08/14 00:39	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/08/14 00:39	1
Naphthalene	ND		0.50	0.50	ug/L			10/08/14 00:39	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/08/14 00:39	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/08/14 00:39	1
o-Xylene	ND		0.50	0.50	ug/L			10/08/14 00:39	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/08/14 00:39	1
Styrene	ND		0.50	0.50	ug/L			10/08/14 00:39	1
t-Butanol	ND		10	10	ug/L			10/08/14 00:39	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/08/14 00:39	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/08/14 00:39	1
Toluene	ND		0.50	0.50	ug/L			10/08/14 00:39	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/08/14 00:39	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/08/14 00:39	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/08/14 00:39	1
Trichloroethene	ND		0.20	0.20	ug/L			10/08/14 00:39	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/08/14 00:39	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/08/14 00:39	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/08/14 00:39	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/08/14 00:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*102*		*80 - 120*		*10/08/14 00:39*	*1*
4-Bromofluorobenzene (Surr)	*89*		*80 - 120*		*10/08/14 00:39*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5.8**		0.50	0.50	mg/L			10/11/14 19:34	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-68365-1

Client Sample ID: W-140930-MLR-051
Date Collected: 09/30/14 12:23
Date Received: 10/01/14 09:00

Lab Sample ID: 480-68365-51
Matrix: Water

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/08/14 01:05	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/08/14 01:05	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/08/14 01:05	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/08/14 01:05	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/08/14 01:05	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/08/14 01:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/08/14 01:05	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/08/14 01:05	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/08/14 01:05	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/08/14 01:05	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/08/14 01:05	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/08/14 01:05	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/08/14 01:05	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/08/14 01:05	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/08/14 01:05	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/08/14 01:05	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/08/14 01:05	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/08/14 01:05	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/08/14 01:05	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/08/14 01:05	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/08/14 01:05	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/08/14 01:05	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/08/14 01:05	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/08/14 01:05	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/08/14 01:05	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/08/14 01:05	1
2-Hexanone	ND		2.5	2.5	ug/L			10/08/14 01:05	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/08/14 01:05	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/08/14 01:05	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/08/14 01:05	1
Acetone	ND		2.5	2.5	ug/L			10/08/14 01:05	1
Acrylonitrile	ND		10	10	ug/L			10/08/14 01:05	1
Allyl chloride	ND		0.50	0.50	ug/L			10/08/14 01:05	1
Benzene	ND		0.50	0.50	ug/L			10/08/14 01:05	1
Bromobenzene	ND		0.50	0.50	ug/L			10/08/14 01:05	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/08/14 01:05	1
Bromoform	ND		0.50	0.50	ug/L			10/08/14 01:05	1
Bromomethane	ND		0.50	0.50	ug/L			10/08/14 01:05	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/08/14 01:05	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/08/14 01:05	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/08/14 01:05	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/08/14 01:05	1
Chloroethane	ND		0.50	0.50	ug/L			10/08/14 01:05	1
Chloroform	ND		0.50	0.50	ug/L			10/08/14 01:05	1
Chloromethane	ND		0.50	0.50	ug/L			10/08/14 01:05	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/08/14 01:05	1
Dibromomethane	ND		0.50	0.50	ug/L			10/08/14 01:05	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/08/14 01:05	1

Client Sample ID: W-140930-MLR-051

Lab Sample ID: 480-68365-51

Date Collected: 09/30/14 12:23

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/08/14 01:05	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/08/14 01:05	1
Ethyl ether	ND		0.50	0.50	ug/L			10/08/14 01:05	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/08/14 01:05	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/08/14 01:05	1
Iodomethane	ND		0.50	0.50	ug/L			10/08/14 01:05	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/08/14 01:05	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/08/14 01:05	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/08/14 01:05	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/08/14 01:05	1
Naphthalene	ND		0.50	0.50	ug/L			10/08/14 01:05	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/08/14 01:05	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/08/14 01:05	1
o-Xylene	ND		0.50	0.50	ug/L			10/08/14 01:05	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/08/14 01:05	1
Styrene	ND		0.50	0.50	ug/L			10/08/14 01:05	1
t-Butanol	ND		10	10	ug/L			10/08/14 01:05	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/08/14 01:05	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/08/14 01:05	1
Toluene	ND		0.50	0.50	ug/L			10/08/14 01:05	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/08/14 01:05	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/08/14 01:05	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/08/14 01:05	1
Trichloroethene	ND		0.20	0.20	ug/L			10/08/14 01:05	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/08/14 01:05	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/08/14 01:05	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/08/14 01:05	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/08/14 01:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*105*		*80 - 120*		*10/08/14 01:05*	*1*
4-Bromofluorobenzene (Surr)	*90*		*80 - 120*		*10/08/14 01:05*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**26.2**		0.50	0.50	mg/L			10/11/14 19:44	1

Client Sample ID: W-140930-MLR-052

Lab Sample ID: 480-68365-52

Date Collected: 09/30/14 12:25

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/08/14 01:32	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/08/14 01:32	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/08/14 01:32	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/08/14 01:32	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/08/14 01:32	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/08/14 01:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/08/14 01:32	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/08/14 01:32	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/08/14 01:32	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/08/14 01:32	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/08/14 01:32	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/08/14 01:32	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/08/14 01:32	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/08/14 01:32	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/08/14 01:32	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/08/14 01:32	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/08/14 01:32	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/08/14 01:32	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/08/14 01:32	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/08/14 01:32	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/08/14 01:32	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/08/14 01:32	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/08/14 01:32	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/08/14 01:32	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/08/14 01:32	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/08/14 01:32	1
2-Hexanone	ND		2.5	2.5	ug/L			10/08/14 01:32	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/08/14 01:32	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/08/14 01:32	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/08/14 01:32	1
Acetone	ND		2.5	2.5	ug/L			10/08/14 01:32	1
Acrylonitrile	ND		10	10	ug/L			10/08/14 01:32	1
Allyl chloride	ND		0.50	0.50	ug/L			10/08/14 01:32	1
Benzene	ND		0.50	0.50	ug/L			10/08/14 01:32	1
Bromobenzene	ND		0.50	0.50	ug/L			10/08/14 01:32	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/08/14 01:32	1
Bromoform	ND		0.50	0.50	ug/L			10/08/14 01:32	1
Bromomethane	ND		0.50	0.50	ug/L			10/08/14 01:32	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/08/14 01:32	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/08/14 01:32	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/08/14 01:32	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/08/14 01:32	1
Chloroethane	ND		0.50	0.50	ug/L			10/08/14 01:32	1
Chloroform	ND		0.50	0.50	ug/L			10/08/14 01:32	1
Chloromethane	ND		0.50	0.50	ug/L			10/08/14 01:32	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/08/14 01:32	1
Dibromomethane	ND		0.50	0.50	ug/L			10/08/14 01:32	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/08/14 01:32	1

Client Sample ID: W-140930-MLR-052

Lab Sample ID: 480-68365-52

Date Collected: 09/30/14 12:25

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/08/14 01:32	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/08/14 01:32	1
Ethyl ether	ND		0.50	0.50	ug/L			10/08/14 01:32	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/08/14 01:32	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/08/14 01:32	1
Iodomethane	ND		0.50	0.50	ug/L			10/08/14 01:32	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/08/14 01:32	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/08/14 01:32	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/08/14 01:32	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/08/14 01:32	1
Naphthalene	ND		0.50	0.50	ug/L			10/08/14 01:32	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/08/14 01:32	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/08/14 01:32	1
o-Xylene	ND		0.50	0.50	ug/L			10/08/14 01:32	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/08/14 01:32	1
Styrene	ND		0.50	0.50	ug/L			10/08/14 01:32	1
t-Butanol	ND		10	10	ug/L			10/08/14 01:32	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/08/14 01:32	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/08/14 01:32	1
Toluene	ND		0.50	0.50	ug/L			10/08/14 01:32	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/08/14 01:32	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/08/14 01:32	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/08/14 01:32	1
Trichloroethene	ND		0.20	0.20	ug/L			10/08/14 01:32	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/08/14 01:32	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/08/14 01:32	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/08/14 01:32	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/08/14 01:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*105*		*80 - 120*		*10/08/14 01:32*	*1*
4-Bromofluorobenzene (Surr)	*90*		*80 - 120*		*10/08/14 01:32*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**31.0**		0.50	0.50	mg/L			10/11/14 19:54	1

Client Sample ID: W-140930-MLR-053

Lab Sample ID: 480-68365-53

Date Collected: 09/30/14 12:58

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/08/14 01:59	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/08/14 01:59	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/08/14 01:59	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/08/14 01:59	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/08/14 01:59	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/08/14 01:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/08/14 01:59	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/08/14 01:59	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/08/14 01:59	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/08/14 01:59	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/08/14 01:59	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/08/14 01:59	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/08/14 01:59	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/08/14 01:59	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/08/14 01:59	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/08/14 01:59	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/08/14 01:59	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/08/14 01:59	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/08/14 01:59	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/08/14 01:59	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/08/14 01:59	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/08/14 01:59	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/08/14 01:59	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/08/14 01:59	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/08/14 01:59	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/08/14 01:59	1
2-Hexanone	ND		2.5	2.5	ug/L			10/08/14 01:59	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/08/14 01:59	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/08/14 01:59	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/08/14 01:59	1
Acetone	ND		2.5	2.5	ug/L			10/08/14 01:59	1
Acrylonitrile	ND		10	10	ug/L			10/08/14 01:59	1
Allyl chloride	ND		0.50	0.50	ug/L			10/08/14 01:59	1
Benzene	ND		0.50	0.50	ug/L			10/08/14 01:59	1
Bromobenzene	ND		0.50	0.50	ug/L			10/08/14 01:59	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/08/14 01:59	1
Bromoform	ND		0.50	0.50	ug/L			10/08/14 01:59	1
Bromomethane	ND		0.50	0.50	ug/L			10/08/14 01:59	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/08/14 01:59	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/08/14 01:59	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/08/14 01:59	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/08/14 01:59	1
Chloroethane	ND		0.50	0.50	ug/L			10/08/14 01:59	1
Chloroform	ND		0.50	0.50	ug/L			10/08/14 01:59	1
Chloromethane	ND		0.50	0.50	ug/L			10/08/14 01:59	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/08/14 01:59	1
Dibromomethane	ND		0.50	0.50	ug/L			10/08/14 01:59	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/08/14 01:59	1

Client Sample ID: W-140930-MLR-053

Lab Sample ID: 480-68365-53

Date Collected: 09/30/14 12:58

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/08/14 01:59	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/08/14 01:59	1
Ethyl ether	ND		0.50	0.50	ug/L			10/08/14 01:59	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/08/14 01:59	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/08/14 01:59	1
Iodomethane	ND		0.50	0.50	ug/L			10/08/14 01:59	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/08/14 01:59	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/08/14 01:59	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/08/14 01:59	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/08/14 01:59	1
Naphthalene	ND		0.50	0.50	ug/L			10/08/14 01:59	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/08/14 01:59	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/08/14 01:59	1
o-Xylene	ND		0.50	0.50	ug/L			10/08/14 01:59	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/08/14 01:59	1
Styrene	ND		0.50	0.50	ug/L			10/08/14 01:59	1
t-Butanol	ND		10	10	ug/L			10/08/14 01:59	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/08/14 01:59	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/08/14 01:59	1
Toluene	ND		0.50	0.50	ug/L			10/08/14 01:59	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/08/14 01:59	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/08/14 01:59	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/08/14 01:59	1
Trichloroethene	ND		0.20	0.20	ug/L			10/08/14 01:59	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/08/14 01:59	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/08/14 01:59	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/08/14 01:59	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/08/14 01:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*103*		*80 - 120*		*10/08/14 01:59*	*1*
4-Bromofluorobenzene (Surr)	*91*		*80 - 120*		*10/08/14 01:59*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**34.7**		0.50	0.50	mg/L			10/11/14 20:04	1

Client Sample ID: W-140930-MLR-054

Lab Sample ID: 480-68365-54

Date Collected: 09/30/14 12:51

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/08/14 02:26	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/08/14 02:26	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/08/14 02:26	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/08/14 02:26	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/08/14 02:26	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/08/14 02:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/08/14 02:26	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/08/14 02:26	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/08/14 02:26	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/08/14 02:26	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/08/14 02:26	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/08/14 02:26	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/08/14 02:26	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/08/14 02:26	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/08/14 02:26	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/08/14 02:26	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/08/14 02:26	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/08/14 02:26	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/08/14 02:26	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/08/14 02:26	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/08/14 02:26	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/08/14 02:26	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/08/14 02:26	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/08/14 02:26	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/08/14 02:26	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/08/14 02:26	1
2-Hexanone	ND		2.5	2.5	ug/L			10/08/14 02:26	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/08/14 02:26	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/08/14 02:26	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/08/14 02:26	1
Acetone	ND		2.5	2.5	ug/L			10/08/14 02:26	1
Acrylonitrile	ND		10	10	ug/L			10/08/14 02:26	1
Allyl chloride	ND		0.50	0.50	ug/L			10/08/14 02:26	1
Benzene	ND		0.50	0.50	ug/L			10/08/14 02:26	1
Bromobenzene	ND		0.50	0.50	ug/L			10/08/14 02:26	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/08/14 02:26	1
Bromoform	ND		0.50	0.50	ug/L			10/08/14 02:26	1
Bromomethane	ND		0.50	0.50	ug/L			10/08/14 02:26	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/08/14 02:26	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/08/14 02:26	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/08/14 02:26	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/08/14 02:26	1
Chloroethane	ND		0.50	0.50	ug/L			10/08/14 02:26	1
Chloroform	ND		0.50	0.50	ug/L			10/08/14 02:26	1
Chloromethane	ND		0.50	0.50	ug/L			10/08/14 02:26	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/08/14 02:26	1
Dibromomethane	ND		0.50	0.50	ug/L			10/08/14 02:26	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/08/14 02:26	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-68365-1

Client Sample ID: W-140930-MLR-054
Date Collected: 09/30/14 12:51
Date Received: 10/01/14 09:00

Lab Sample ID: 480-68365-54
Matrix: Water

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/08/14 02:26	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/08/14 02:26	1
Ethyl ether	ND		0.50	0.50	ug/L			10/08/14 02:26	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/08/14 02:26	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/08/14 02:26	1
Iodomethane	ND		0.50	0.50	ug/L			10/08/14 02:26	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/08/14 02:26	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/08/14 02:26	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/08/14 02:26	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/08/14 02:26	1
Naphthalene	ND		0.50	0.50	ug/L			10/08/14 02:26	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/08/14 02:26	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/08/14 02:26	1
o-Xylene	ND		0.50	0.50	ug/L			10/08/14 02:26	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/08/14 02:26	1
Styrene	ND		0.50	0.50	ug/L			10/08/14 02:26	1
t-Butanol	ND		10	10	ug/L			10/08/14 02:26	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/08/14 02:26	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/08/14 02:26	1
Toluene	ND		0.50	0.50	ug/L			10/08/14 02:26	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/08/14 02:26	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/08/14 02:26	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/08/14 02:26	1
Trichloroethene	ND		0.20	0.20	ug/L			10/08/14 02:26	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/08/14 02:26	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/08/14 02:26	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/08/14 02:26	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/08/14 02:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*104*		*80 - 120*		*10/08/14 02:26*	*1*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*		*10/08/14 02:26*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**20.8**		0.50	0.50	mg/L			10/11/14 20:14	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-68365-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-68365-55

Date Collected: 09/30/14 00:00

Matrix: Water

Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/08/14 02:53	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/08/14 02:53	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/08/14 02:53	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/08/14 02:53	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/08/14 02:53	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/08/14 02:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/08/14 02:53	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/08/14 02:53	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/08/14 02:53	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/08/14 02:53	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/08/14 02:53	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/08/14 02:53	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/08/14 02:53	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/08/14 02:53	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/08/14 02:53	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/08/14 02:53	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/08/14 02:53	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/08/14 02:53	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/08/14 02:53	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/08/14 02:53	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/08/14 02:53	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/08/14 02:53	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/08/14 02:53	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/08/14 02:53	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/08/14 02:53	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/08/14 02:53	1
2-Hexanone	ND		2.5	2.5	ug/L			10/08/14 02:53	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/08/14 02:53	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/08/14 02:53	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/08/14 02:53	1
Acetone	ND		2.5	2.5	ug/L			10/08/14 02:53	1
Acrylonitrile	ND		10	10	ug/L			10/08/14 02:53	1
Allyl chloride	ND		0.50	0.50	ug/L			10/08/14 02:53	1
Benzene	ND		0.50	0.50	ug/L			10/08/14 02:53	1
Bromobenzene	ND		0.50	0.50	ug/L			10/08/14 02:53	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/08/14 02:53	1
Bromoform	ND		0.50	0.50	ug/L			10/08/14 02:53	1
Bromomethane	ND		0.50	0.50	ug/L			10/08/14 02:53	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/08/14 02:53	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/08/14 02:53	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/08/14 02:53	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/08/14 02:53	1
Chloroethane	ND		0.50	0.50	ug/L			10/08/14 02:53	1
Chloroform	ND		0.50	0.50	ug/L			10/08/14 02:53	1
Chloromethane	ND		0.50	0.50	ug/L			10/08/14 02:53	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/08/14 02:53	1
Dibromomethane	ND		0.50	0.50	ug/L			10/08/14 02:53	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/08/14 02:53	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-68365-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-68365-55

Date Collected: 09/30/14 00:00
Matrix: Water
Date Received: 10/01/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/08/14 02:53	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/08/14 02:53	1
Ethyl ether	ND		0.50	0.50	ug/L			10/08/14 02:53	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/08/14 02:53	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/08/14 02:53	1
Iodomethane	ND		0.50	0.50	ug/L			10/08/14 02:53	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/08/14 02:53	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/08/14 02:53	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/08/14 02:53	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/08/14 02:53	1
Naphthalene	ND		0.50	0.50	ug/L			10/08/14 02:53	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/08/14 02:53	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/08/14 02:53	1
o-Xylene	ND		0.50	0.50	ug/L			10/08/14 02:53	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/08/14 02:53	1
Styrene	ND		0.50	0.50	ug/L			10/08/14 02:53	1
t-Butanol	ND		10	10	ug/L			10/08/14 02:53	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/08/14 02:53	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/08/14 02:53	1
Toluene	ND		0.50	0.50	ug/L			10/08/14 02:53	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/08/14 02:53	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/08/14 02:53	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/08/14 02:53	1
Trichloroethene	ND		0.20	0.20	ug/L			10/08/14 02:53	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/08/14 02:53	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/08/14 02:53	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/08/14 02:53	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/08/14 02:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*102*		*80 - 120*		*10/08/14 02:53*	*1*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*		*10/08/14 02:53*	*1*

Surrogate Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-68365-1

Method: 524.2 - Volatile Organic Compounds (GC/MS)

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

		Percent Surrogate Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	12DCB (80-120)	BFB (80-120)						
480-68365-1	W-140929-MLR-001	104	94						
480-68365-2	W-140929-MLR-002	102	93						
480-68365-2 MS	W-140929-MLR-002	102	100						
480-68365-2 MSD	W-140929-MLR-002	100	99						
480-68365-3	W-140929-MLR-003	101	97						
480-68365-4	W-140929-MLR-004	104	95						
480-68365-5	W-140929-MLR-005	104	94						
480-68365-6	W-140929-MLR-006	101	92						
480-68365-7	W-140929-MLR-007	103	92						
480-68365-8	W-140929-MLR-008	102	94						
480-68365-9	W-140929-MLR-009	104	95						
480-68365-9 MS	W-140929-MLR-009	97	98						
480-68365-9 MSD	W-140929-MLR-009	99	103						
480-68365-10	W-140929-MLR-010	103	94						
480-68365-11	W-140929-MLR-011	103	98						
480-68365-12	W-140929-MLR-012	105	93						
480-68365-13	W-140929-MLR-013	99	91						
480-68365-14	W-140929-MLR-014	104	95						
480-68365-15	W-140929-MLR-015	105	91						
480-68365-16	W-140929-MLR-016	102	90						
480-68365-17	W-140929-MLR-017	99	95						
480-68365-18	W-140929-MLR-018	102	94						
480-68365-19	W-140929-MLR-019	103	96						
480-68365-20	W-140929-MLR-020	104	93						
480-68365-21	W-140929-MLR-021	105	93						
480-68365-22	W-140929-MLR-022	103	93						
480-68365-23	W-140929-MLR-023	104	94						
480-68365-24	W-140929-MLR-024	101	93						
480-68365-25	W-140929-MLR-025	100	96						
480-68365-26	W-140929-MLR-026	100	96						
480-68365-27	W-140929-MLR-027	106	92						
480-68365-28	W-140929-MLR-028	103	92						
480-68365-29	W-140929-MLR-029	103	93						
480-68365-30	W-140929-MLR-030	104	91						
480-68365-31	W-140929-MLR-031	108	87						
480-68365-32	W-140929-MLR-032	106	96						
480-68365-32 MS	W-140929-MLR-032	103	98						
480-68365-32 MSD	W-140929-MLR-032	100	98						
480-68365-33	W-140929-MLR-033	100	92						
480-68365-34	W-140929-MLR-034	105	91						
480-68365-35	W-140929-MLR-035	102	92						
480-68365-36	W-140929-MLR-036	100	92						
480-68365-37	W-140930-MLR-037	103	86						
480-68365-37 MS	W-140930-MLR-037	99	103						
480-68365-37 MSD	W-140930-MLR-037	101	101						
480-68365-38	W-140930-MLR-038	104	92						
480-68365-39	W-140930-MLR-039	103	92						
480-68365-40	W-140930-MLR-040	103	92						
480-68365-41	W-140930-MLR-041	102	92						

Surrogate Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-68365-1

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

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

		Percent Surrogate Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	12DCB (80-120)	BFB (80-120)						
480-68365-42	W-140930-MLR-042	104	90						
480-68365-43	W-140930-MLR-043	103	87						
480-68365-44	W-140930-MLR-044	102	96						
480-68365-45	W-140930-MLR-045	104	91						
480-68365-46	W-140930-MLR-046	105	96						
480-68365-47	W-140930-MLR-047	103	94						
480-68365-48	W-140930-MLR-048	103	92						
480-68365-49	W-140930-MLR-049	101	91						
480-68365-49 MS	W-140930-MLR-049	102	99						
480-68365-49 MSD	W-140930-MLR-049	99	103						
480-68365-50	W-140930-MLR-050	102	89						
480-68365-51	W-140930-MLR-051	105	90						
480-68365-52	W-140930-MLR-052	105	90						
480-68365-53	W-140930-MLR-053	103	91						
480-68365-54	W-140930-MLR-054	104	93						
480-68365-55	TRIP BLANK	102	94						
LCS 480-206086/4	Lab Control Sample	101	103						
LCS 480-206169/4	Lab Control Sample	97	100						
LCS 480-206280/3	Lab Control Sample	100	103						
LCS 480-206371/3	Lab Control Sample	99	102						
LCS 480-206464/3	Lab Control Sample	100	100						
MB 480-206086/5	Method Blank	99	98						
MB 480-206169/5	Method Blank	101	96						
MB 480-206280/4	Method Blank	99	92						
MB 480-206371/4	Method Blank	101	93						
MB 480-206464/4	Method Blank	103	95						

Surrogate Legend

12DCB = 1,2-Dichlorobenzene-d4

BFB = 4-Bromofluorobenzene (Surr)

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-206086/5
Matrix: Water
Analysis Batch: 206086

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/05/14 21:59	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/05/14 21:59	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/05/14 21:59	1

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/05/14 21:59	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/05/14 21:59	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/05/14 21:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/05/14 21:59	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/05/14 21:59	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/05/14 21:59	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/05/14 21:59	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/05/14 21:59	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/05/14 21:59	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/05/14 21:59	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/05/14 21:59	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/05/14 21:59	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/05/14 21:59	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/05/14 21:59	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/05/14 21:59	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/05/14 21:59	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/05/14 21:59	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/05/14 21:59	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/05/14 21:59	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/05/14 21:59	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/05/14 21:59	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/05/14 21:59	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/05/14 21:59	1
2-Hexanone	ND		2.5	2.5	ug/L			10/05/14 21:59	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/05/14 21:59	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/05/14 21:59	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/05/14 21:59	1
Acetone	ND		2.5	2.5	ug/L			10/05/14 21:59	1
Acrylonitrile	ND		10	10	ug/L			10/05/14 21:59	1
Allyl chloride	ND		0.50	0.50	ug/L			10/05/14 21:59	1
Benzene	ND		0.50	0.50	ug/L			10/05/14 21:59	1
Bromobenzene	ND		0.50	0.50	ug/L			10/05/14 21:59	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/05/14 21:59	1
Bromoform	ND		0.50	0.50	ug/L			10/05/14 21:59	1
Bromomethane	ND		0.50	0.50	ug/L			10/05/14 21:59	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/05/14 21:59	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/05/14 21:59	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/05/14 21:59	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/05/14 21:59	1
Chloroethane	ND		0.50	0.50	ug/L			10/05/14 21:59	1
Chloroform	ND		0.50	0.50	ug/L			10/05/14 21:59	1
Chloromethane	ND		0.50	0.50	ug/L			10/05/14 21:59	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/05/14 21:59	1

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-206086/5
Matrix: Water
Analysis Batch: 206086

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

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	ND		0.50	0.50	ug/L			10/05/14 21:59	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/05/14 21:59	1
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/05/14 21:59	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/05/14 21:59	1
Ethyl ether	ND		0.50	0.50	ug/L			10/05/14 21:59	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/05/14 21:59	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/05/14 21:59	1
Iodomethane	ND		0.50	0.50	ug/L			10/05/14 21:59	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/05/14 21:59	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/05/14 21:59	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/05/14 21:59	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/05/14 21:59	1
Naphthalene	ND		0.50	0.50	ug/L			10/05/14 21:59	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/05/14 21:59	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/05/14 21:59	1
o-Xylene	ND		0.50	0.50	ug/L			10/05/14 21:59	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/05/14 21:59	1
Styrene	ND		0.50	0.50	ug/L			10/05/14 21:59	1
t-Butanol	ND		10	10	ug/L			10/05/14 21:59	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/05/14 21:59	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/05/14 21:59	1
Toluene	ND		0.50	0.50	ug/L			10/05/14 21:59	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/05/14 21:59	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/05/14 21:59	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/05/14 21:59	1
Trichloroethene	ND		0.20	0.20	ug/L			10/05/14 21:59	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/05/14 21:59	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/05/14 21:59	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/05/14 21:59	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/05/14 21:59	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*99*		*80 - 120*		*10/05/14 21:59*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*10/05/14 21:59*	*1*

Lab Sample ID: LCS 480-206086/4
Matrix: Water
Analysis Batch: 206086

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	4.00	4.01		ug/L		100	70 - 130
cis-1,2-Dichloroethene	4.00	3.92		ug/L		98	70 - 130
Vinyl chloride	4.00	3.42		ug/L		85	70 - 130

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	4.00	3.73		ug/L		93	70 - 130
1,1,1-Trichloroethane	4.00	3.90		ug/L		97	70 - 130
1,1,2,2-Tetrachloroethane	4.00	3.70		ug/L		92	70 - 130

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-206086/4
Matrix: Water
Analysis Batch: 206086

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trichloroethane	4.00	3.61		ug/L		90	70 - 130
1,1-Dichloroethene	4.00	3.83		ug/L		96	70 - 130
1,1-Dichloropropene	4.00	4.13		ug/L		103	70 - 130
1,2,3-Trichlorobenzene	4.00	3.60		ug/L		90	70 - 130
1,2,3-Trichloropropane	4.00	3.74		ug/L		94	70 - 130
1,2,4-Trichlorobenzene	4.00	3.53		ug/L		88	70 - 130
1,2,4-Trimethylbenzene	4.00	3.64		ug/L		91	70 - 130
1,2-Dibromo-3-Chloropropane	4.00	4.21		ug/L		105	70 - 130
1,2-Dibromoethane	4.00	3.50		ug/L		87	70 - 130
1,2-Dichlorobenzene	4.00	3.58		ug/L		90	70 - 130
1,2-Dichloroethane	4.00	3.88		ug/L		97	70 - 130
1,2-Dichloropropane	4.00	3.82		ug/L		96	70 - 130
1,3,5-Trimethylbenzene	4.00	3.64		ug/L		91	70 - 130
1,3-Dichlorobenzene	4.00	3.59		ug/L		90	70 - 130
1,3-Dichloropropane	4.00	3.43		ug/L		86	70 - 130
1,4-Dichlorobenzene	4.00	3.66		ug/L		92	70 - 130
2,2-Dichloropropane	4.00	3.98		ug/L		100	70 - 130
2-Butanone (MEK)	20.0	18.9		ug/L		95	70 - 130
2-Chlorotoluene	4.00	3.58		ug/L		90	70 - 130
2-Hexanone	20.0	18.3		ug/L		91	70 - 130
4-Chlorotoluene	4.00	3.59		ug/L		90	70 - 130
4-Isopropyltoluene	4.00	3.61		ug/L		90	70 - 130
4-Methyl-2-pentanone (MIBK)	20.0	19.0		ug/L		95	70 - 130
Acetone	20.0	18.6		ug/L		93	70 - 130
Benzene	4.00	3.75		ug/L		94	70 - 130
Bromobenzene	4.00	3.63		ug/L		91	70 - 130
Bromochloromethane	4.00	3.93		ug/L		98	70 - 130
Bromoform	4.00	4.01		ug/L		100	70 - 130
Bromomethane	4.00	4.61		ug/L		115	70 - 130
Carbon disulfide	4.00	4.14		ug/L		104	70 - 130
Carbon tetrachloride	4.00	4.19		ug/L		105	70 - 130
Chlorobenzene	4.00	3.62		ug/L		90	70 - 130
Chlorodibromomethane	4.00	3.78		ug/L		95	70 - 130
Chloroethane	4.00	3.64		ug/L		91	70 - 130
Chloroform	4.00	3.78		ug/L		94	70 - 130
Chloromethane	4.00	3.36		ug/L		84	70 - 130
cis-1,3-Dichloropropene	4.00	4.11		ug/L		103	70 - 130
Dibromomethane	4.00	3.83		ug/L		96	70 - 130
Dichlorobromomethane	4.00	3.75		ug/L		94	70 - 130
Dichlorodifluoromethane	4.00	2.87		ug/L		72	70 - 130
Ethylbenzene	4.00	3.58		ug/L		89	70 - 130
Hexachlorobutadiene	4.00	3.47		ug/L		87	70 - 130
Isopropylbenzene	4.00	3.62		ug/L		91	70 - 130
Methyl tert-butyl ether	4.00	4.03		ug/L		101	70 - 130
Methylene Chloride	4.00	3.80		ug/L		95	70 - 130
Naphthalene	4.00	3.80		ug/L		95	70 - 130
n-Butylbenzene	4.00	3.49		ug/L		87	70 - 130
n-Propylbenzene	4.00	3.64		ug/L		91	70 - 130

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-206086/4
Matrix: Water
Analysis Batch: 206086

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
sec-Butylbenzene	4.00	3.59		ug/L		90	70 - 130
Styrene	4.00	3.41		ug/L		85	70 - 130
tert-Butylbenzene	4.00	3.59		ug/L		90	70 - 130
Tetrachloroethene	4.00	3.54		ug/L		89	70 - 130
Toluene	4.00	3.88		ug/L		97	70 - 130
trans-1,2-Dichloroethene	4.00	4.05		ug/L		101	70 - 130
trans-1,3-Dichloropropene	4.00	4.48		ug/L		112	70 - 130
Trichloroethene	4.00	3.80		ug/L		95	70 - 130
Trichlorofluoromethane	4.00	3.52		ug/L		88	70 - 130
Xylenes, Total	8.00	7.26		ug/L		91	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichlorobenzene-d4	*101*		*80 - 120*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*

Lab Sample ID: 480-68365-9 MS
Matrix: Water
Analysis Batch: 206086

Client Sample ID: W-140929-MLR-009
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	ND		4.00	4.54		ug/L		113	70 - 130
cis-1,2-Dichloroethene	ND		4.00	4.51		ug/L		113	70 - 130
Vinyl chloride	ND		4.00	3.92		ug/L		98	70 - 130

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	ND		4.00	4.42		ug/L		110	70 - 130
1,1,1-Trichloroethane	ND		4.00	4.56		ug/L		114	70 - 130
1,1,2,2-Tetrachloroethane	ND		4.00	4.34		ug/L		109	70 - 130
1,1,2-Trichloroethane	ND		4.00	4.41		ug/L		110	70 - 130
1,1-Dichloroethene	ND		4.00	4.42		ug/L		111	70 - 130
1,1-Dichloropropene	ND		4.00	4.77		ug/L		119	70 - 130
1,2,3-Trichlorobenzene	ND		4.00	4.21		ug/L		105	70 - 130
1,2,3-Trichloropropane	ND		4.00	4.51		ug/L		113	70 - 130
1,2,4-Trichlorobenzene	ND		4.00	4.19		ug/L		105	70 - 130
1,2,4-Trimethylbenzene	ND		4.00	4.07		ug/L		102	70 - 130
1,2-Dibromo-3-Chloropropane	ND		4.00	4.39		ug/L		110	70 - 130
1,2-Dibromoethane	ND		4.00	4.54		ug/L		114	70 - 130
1,2-Dichlorobenzene	ND		4.00	4.35		ug/L		109	70 - 130
1,2-Dichloroethane	ND		4.00	4.46		ug/L		111	70 - 130
1,2-Dichloropropane	ND		4.00	4.76		ug/L		119	70 - 130
1,3,5-Trimethylbenzene	ND		4.00	3.99		ug/L		100	70 - 130
1,3-Dichlorobenzene	ND		4.00	4.26		ug/L		106	70 - 130
1,3-Dichloropropane	ND		4.00	4.27		ug/L		107	70 - 130
1,4-Dichlorobenzene	ND		4.00	4.31		ug/L		108	70 - 130
2,2-Dichloropropane	ND		4.00	3.85		ug/L		96	70 - 130
2-Butanone (MEK)	ND		20.0	21.2		ug/L		106	70 - 130
2-Chlorotoluene	ND		4.00	4.21		ug/L		105	70 - 130
2-Hexanone	ND		20.0	20.5		ug/L		103	70 - 130

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-68365-9 MS
Matrix: Water
Analysis Batch: 206086

Client Sample ID: W-140929-MLR-009
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Chlorotoluene	ND		4.00	4.21		ug/L		105	70 - 130
4-Isopropyltoluene	ND		4.00	4.23		ug/L		106	70 - 130
4-Methyl-2-pentanone (MIBK)	ND		20.0	21.2		ug/L		106	70 - 130
Acetone	ND		20.0	20.4		ug/L		102	70 - 130
Benzene	ND		4.00	4.52		ug/L		113	70 - 130
Bromobenzene	ND		4.00	4.48		ug/L		112	70 - 130
Bromochloromethane	ND		4.00	4.50		ug/L		113	70 - 130
Bromoform	ND		4.00	3.40		ug/L		85	70 - 130
Bromomethane	ND		4.00	4.17		ug/L		104	70 - 130
Carbon disulfide	ND		4.00	4.25		ug/L		106	70 - 130
Carbon tetrachloride	ND		4.00	4.68		ug/L		117	70 - 130
Chlorobenzene	ND		4.00	4.40		ug/L		110	70 - 130
Chlorodibromomethane	ND		4.00	3.93		ug/L		98	70 - 130
Chloroethane	ND		4.00	3.94		ug/L		98	70 - 130
Chloroform	ND		4.00	4.49		ug/L		112	70 - 130
Chloromethane	ND		4.00	3.66		ug/L		91	70 - 130
cis-1,3-Dichloropropene	ND		4.00	4.11		ug/L		103	70 - 130
Dibromomethane	ND		4.00	4.63		ug/L		116	70 - 130
Dichlorobromomethane	ND		4.00	4.11		ug/L		103	70 - 130
Dichlorodifluoromethane	ND		4.00	3.00		ug/L		75	70 - 130
Ethylbenzene	ND		4.00	4.31		ug/L		108	70 - 130
Hexachlorobutadiene	ND		4.00	4.17		ug/L		104	70 - 130
Isopropylbenzene	ND		4.00	4.27		ug/L		107	70 - 130
Methyl tert-butyl ether	ND		4.00	4.33		ug/L		108	70 - 130
Methylene Chloride	ND		4.00	4.43		ug/L		111	70 - 130
Naphthalene	ND		4.00	4.29		ug/L		107	70 - 130
n-Butylbenzene	ND		4.00	4.10		ug/L		103	70 - 130
n-Propylbenzene	ND		4.00	4.22		ug/L		105	70 - 130
sec-Butylbenzene	ND		4.00	4.24		ug/L		106	70 - 130
Styrene	ND		4.00	3.65		ug/L		91	70 - 130
tert-Butylbenzene	ND		4.00	4.20		ug/L		105	70 - 130
Tetrachloroethene	ND		4.00	4.29		ug/L		107	70 - 130
Toluene	ND		4.00	4.47		ug/L		112	70 - 130
trans-1,2-Dichloroethene	ND		4.00	4.58		ug/L		115	70 - 130
trans-1,3-Dichloropropene	ND		4.00	4.21		ug/L		105	70 - 130
Trichloroethene	ND		4.00	4.56		ug/L		114	70 - 130
Trichlorofluoromethane	ND		4.00	3.89		ug/L		97	70 - 130
Xylenes, Total	ND		8.00	8.60		ug/L		108	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichlorobenzene-d4	*97*		*80 - 120*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-68365-9 MSD
Matrix: Water
Analysis Batch: 206086

Client Sample ID: W-140929-MLR-009
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethane	ND		4.00	4.63		ug/L		116	70 - 130	2	20
cis-1,2-Dichloroethene	ND		4.00	4.47		ug/L		112	70 - 130	1	20
Vinyl chloride	ND		4.00	4.13		ug/L		103	70 - 130	5	20

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	ND		4.00	4.33		ug/L		108	70 - 130	2	20
1,1,1-Trichloroethane	ND		4.00	4.46		ug/L		112	70 - 130	2	20
1,1,2,2-Tetrachloroethane	ND		4.00	4.17		ug/L		104	70 - 130	4	20
1,1,2-Trichloroethane	ND		4.00	4.29		ug/L		107	70 - 130	3	20
1,1-Dichloroethene	ND		4.00	4.42		ug/L		110	70 - 130	0	20
1,1-Dichloropropene	ND		4.00	4.63		ug/L		116	70 - 130	3	20
1,2,3-Trichlorobenzene	ND		4.00	4.27		ug/L		107	70 - 130	2	20
1,2,3-Trichloropropane	ND		4.00	4.10		ug/L		102	70 - 130	10	20
1,2,4-Trichlorobenzene	ND		4.00	4.08		ug/L		102	70 - 130	3	20
1,2,4-Trimethylbenzene	ND		4.00	3.96		ug/L		99	70 - 130	3	20
1,2-Dibromo-3-Chloropropane	ND		4.00	4.23		ug/L		106	70 - 130	4	20
1,2-Dibromoethane	ND		4.00	4.44		ug/L		111	70 - 130	2	20
1,2-Dichlorobenzene	ND		4.00	4.36		ug/L		109	70 - 130	0	20
1,2-Dichloroethane	ND		4.00	4.47		ug/L		112	70 - 130	0	20
1,2-Dichloropropane	ND		4.00	4.41		ug/L		110	70 - 130	8	20
1,3,5-Trimethylbenzene	ND		4.00	4.00		ug/L		100	70 - 130	0	20
1,3-Dichlorobenzene	ND		4.00	4.20		ug/L		105	70 - 130	1	20
1,3-Dichloropropane	ND		4.00	4.30		ug/L		108	70 - 130	1	20
1,4-Dichlorobenzene	ND		4.00	4.28		ug/L		107	70 - 130	1	20
2,2-Dichloropropane	ND		4.00	3.88		ug/L		97	70 - 130	1	20
2-Butanone (MEK)	ND		20.0	20.6		ug/L		103	70 - 130	3	20
2-Chlorotoluene	ND		4.00	4.28		ug/L		107	70 - 130	2	20
2-Hexanone	ND		20.0	19.9		ug/L		99	70 - 130	3	20
4-Chlorotoluene	ND		4.00	4.17		ug/L		104	70 - 130	1	20
4-Isopropyltoluene	ND		4.00	4.07		ug/L		102	70 - 130	4	20
4-Methyl-2-pentanone (MIBK)	ND		20.0	19.7		ug/L		98	70 - 130	7	20
Acetone	ND		20.0	19.3		ug/L		96	70 - 130	5	20
Benzene	ND		4.00	4.46		ug/L		112	70 - 130	1	20
Bromobenzene	ND		4.00	4.32		ug/L		108	70 - 130	3	20
Bromochloromethane	ND		4.00	4.58		ug/L		114	70 - 130	2	20
Bromoform	ND		4.00	3.32		ug/L		83	70 - 130	2	20
Bromomethane	ND		4.00	4.21		ug/L		105	70 - 130	1	20
Carbon disulfide	ND		4.00	4.17		ug/L		104	70 - 130	2	20
Carbon tetrachloride	ND		4.00	4.64		ug/L		116	70 - 130	1	20
Chlorobenzene	ND		4.00	4.31		ug/L		108	70 - 130	2	20
Chlorodibromomethane	ND		4.00	3.87		ug/L		97	70 - 130	1	20
Chloroethane	ND		4.00	4.27		ug/L		107	70 - 130	8	20
Chloroform	ND		4.00	4.33		ug/L		108	70 - 130	3	20
Chloromethane	ND		4.00	3.91		ug/L		98	70 - 130	7	20
cis-1,3-Dichloropropene	ND		4.00	3.86		ug/L		97	70 - 130	6	20
Dibromomethane	ND		4.00	4.43		ug/L		111	70 - 130	4	20
Dichlorobromomethane	ND		4.00	4.15		ug/L		104	70 - 130	1	20
Dichlorodifluoromethane	ND		4.00	3.24		ug/L		81	70 - 130	8	20

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-68365-9 MSD
Matrix: Water
Analysis Batch: 206086

Client Sample ID: W-140929-MLR-009
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylbenzene	ND		4.00	4.24		ug/L		106	70 - 130	2	20
Hexachlorobutadiene	ND		4.00	4.16		ug/L		104	70 - 130	0	20
Isopropylbenzene	ND		4.00	4.25		ug/L		106	70 - 130	1	20
Methyl tert-butyl ether	ND		4.00	4.30		ug/L		108	70 - 130	1	20
Methylene Chloride	ND		4.00	4.24		ug/L		106	70 - 130	4	20
Naphthalene	ND		4.00	4.29		ug/L		107	70 - 130	0	20
n-Butylbenzene	ND		4.00	4.17		ug/L		104	70 - 130	2	20
n-Propylbenzene	ND		4.00	4.13		ug/L		103	70 - 130	2	20
sec-Butylbenzene	ND		4.00	4.19		ug/L		105	70 - 130	1	20
Styrene	ND		4.00	3.62		ug/L		91	70 - 130	1	20
tert-Butylbenzene	ND		4.00	4.17		ug/L		104	70 - 130	1	20
Tetrachloroethene	ND		4.00	4.37		ug/L		109	70 - 130	2	20
Toluene	ND		4.00	4.25		ug/L		106	70 - 130	5	20
trans-1,2-Dichloroethene	ND		4.00	4.59		ug/L		115	70 - 130	0	20
trans-1,3-Dichloropropene	ND		4.00	4.05		ug/L		101	70 - 130	4	20
Trichloroethene	ND		4.00	4.44		ug/L		111	70 - 130	3	20
Trichlorofluoromethane	ND		4.00	4.16		ug/L		104	70 - 130	7	20
Xylenes, Total	ND		8.00	8.54		ug/L		107	70 - 130	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichlorobenzene-d4	*99*		*80 - 120*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*

Lab Sample ID: MB 480-206169/5
Matrix: Water
Analysis Batch: 206169

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/06/14 13:44	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/06/14 13:44	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/06/14 13:44	1

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/06/14 13:44	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/06/14 13:44	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/06/14 13:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/06/14 13:44	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/06/14 13:44	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/06/14 13:44	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/06/14 13:44	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 13:44	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/06/14 13:44	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 13:44	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/06/14 13:44	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/06/14 13:44	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/06/14 13:44	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 13:44	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/06/14 13:44	1

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-206169/5
Matrix: Water
Analysis Batch: 206169

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

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/06/14 13:44	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/06/14 13:44	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 13:44	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/06/14 13:44	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/06/14 13:44	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/06/14 13:44	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/06/14 13:44	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/06/14 13:44	1
2-Hexanone	ND		2.5	2.5	ug/L			10/06/14 13:44	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/06/14 13:44	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/06/14 13:44	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/06/14 13:44	1
Acetone	ND		2.5	2.5	ug/L			10/06/14 13:44	1
Acrylonitrile	ND		10	10	ug/L			10/06/14 13:44	1
Allyl chloride	ND		0.50	0.50	ug/L			10/06/14 13:44	1
Benzene	ND		0.50	0.50	ug/L			10/06/14 13:44	1
Bromobenzene	ND		0.50	0.50	ug/L			10/06/14 13:44	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/06/14 13:44	1
Bromoform	ND		0.50	0.50	ug/L			10/06/14 13:44	1
Bromomethane	ND		0.50	0.50	ug/L			10/06/14 13:44	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/06/14 13:44	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/06/14 13:44	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/06/14 13:44	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/06/14 13:44	1
Chloroethane	ND		0.50	0.50	ug/L			10/06/14 13:44	1
Chloroform	ND		0.50	0.50	ug/L			10/06/14 13:44	1
Chloromethane	ND		0.50	0.50	ug/L			10/06/14 13:44	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/06/14 13:44	1
Dibromomethane	ND		0.50	0.50	ug/L			10/06/14 13:44	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/06/14 13:44	1
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/06/14 13:44	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/06/14 13:44	1
Ethyl ether	ND		0.50	0.50	ug/L			10/06/14 13:44	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/06/14 13:44	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/06/14 13:44	1
Iodomethane	ND		0.50	0.50	ug/L			10/06/14 13:44	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/06/14 13:44	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/06/14 13:44	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/06/14 13:44	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/06/14 13:44	1
Naphthalene	ND		0.50	0.50	ug/L			10/06/14 13:44	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/06/14 13:44	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/06/14 13:44	1
o-Xylene	ND		0.50	0.50	ug/L			10/06/14 13:44	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/06/14 13:44	1
Styrene	ND		0.50	0.50	ug/L			10/06/14 13:44	1
t-Butanol	ND		10	10	ug/L			10/06/14 13:44	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/06/14 13:44	1

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-206169/5
Matrix: Water
Analysis Batch: 206169

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

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.50	0.50	ug/L			10/06/14 13:44	1
Toluene	ND		0.50	0.50	ug/L			10/06/14 13:44	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/06/14 13:44	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/06/14 13:44	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/06/14 13:44	1
Trichloroethene	ND		0.20	0.20	ug/L			10/06/14 13:44	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/06/14 13:44	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/06/14 13:44	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/06/14 13:44	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/06/14 13:44	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*101*		*80 - 120*		*10/06/14 13:44*	*1*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*10/06/14 13:44*	*1*

Lab Sample ID: LCS 480-206169/4
Matrix: Water
Analysis Batch: 206169

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	4.00	4.14		ug/L		104	70 - 130
cis-1,2-Dichloroethene	4.00	4.05		ug/L		101	70 - 130
Vinyl chloride	4.00	3.82		ug/L		95	70 - 130

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	4.00	3.86		ug/L		97	70 - 130
1,1,1-Trichloroethane	4.00	3.90		ug/L		98	70 - 130
1,1,2,2-Tetrachloroethane	4.00	3.81		ug/L		95	70 - 130
1,1,2-Trichloroethane	4.00	3.46		ug/L		86	70 - 130
1,1-Dichloroethene	4.00	4.05		ug/L		101	70 - 130
1,1-Dichloropropene	4.00	3.79		ug/L		95	70 - 130
1,2,3-Trichlorobenzene	4.00	3.62		ug/L		91	70 - 130
1,2,3-Trichloropropane	4.00	3.96		ug/L		99	70 - 130
1,2,4-Trichlorobenzene	4.00	3.48		ug/L		87	70 - 130
1,2,4-Trimethylbenzene	4.00	3.60		ug/L		90	70 - 130
1,2-Dibromo-3-Chloropropane	4.00	3.76		ug/L		94	70 - 130
1,2-Dibromoethane	4.00	3.57		ug/L		89	70 - 130
1,2-Dichlorobenzene	4.00	3.67		ug/L		92	70 - 130
1,2-Dichloroethane	4.00	3.86		ug/L		96	70 - 130
1,2-Dichloropropane	4.00	3.45		ug/L		86	70 - 130
1,3,5-Trimethylbenzene	4.00	3.67		ug/L		92	70 - 130
1,3-Dichlorobenzene	4.00	3.67		ug/L		92	70 - 130
1,3-Dichloropropane	4.00	3.34		ug/L		84	70 - 130
1,4-Dichlorobenzene	4.00	3.73		ug/L		93	70 - 130
2,2-Dichloropropane	4.00	3.90		ug/L		98	70 - 130
2-Butanone (MEK)	20.0	18.5		ug/L		92	70 - 130
2-Chlorotoluene	4.00	3.78		ug/L		94	70 - 130
2-Hexanone	20.0	18.4		ug/L		92	70 - 130

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-206169/4
Matrix: Water
Analysis Batch: 206169

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Chlorotoluene	4.00	3.71		ug/L		93	70 - 130
4-Isopropyltoluene	4.00	3.63		ug/L		91	70 - 130
4-Methyl-2-pentanone (MIBK)	20.0	18.6		ug/L		93	70 - 130
Acetone	20.0	22.6		ug/L		113	70 - 130
Benzene	4.00	3.72		ug/L		93	70 - 130
Bromobenzene	4.00	3.75		ug/L		94	70 - 130
Bromochloromethane	4.00	4.03		ug/L		101	70 - 130
Bromoform	4.00	3.76		ug/L		94	70 - 130
Bromomethane	4.00	4.71		ug/L		118	70 - 130
Carbon disulfide	4.00	4.30		ug/L		107	70 - 130
Carbon tetrachloride	4.00	3.93		ug/L		98	70 - 130
Chlorobenzene	4.00	3.75		ug/L		94	70 - 130
Chlorodibromomethane	4.00	3.52		ug/L		88	70 - 130
Chloroethane	4.00	4.00		ug/L		100	70 - 130
Chloroform	4.00	3.94		ug/L		98	70 - 130
Chloromethane	4.00	3.50		ug/L		88	70 - 130
cis-1,3-Dichloropropene	4.00	3.67		ug/L		92	70 - 130
Dibromomethane	4.00	3.82		ug/L		95	70 - 130
Dichlorobromomethane	4.00	3.53		ug/L		88	70 - 130
Dichlorodifluoromethane	4.00	3.23		ug/L		81	70 - 130
Ethylbenzene	4.00	3.69		ug/L		92	70 - 130
Hexachlorobutadiene	4.00	3.64		ug/L		91	70 - 130
Isopropylbenzene	4.00	3.70		ug/L		92	70 - 130
Methyl tert-butyl ether	4.00	3.58		ug/L		90	70 - 130
Methylene Chloride	4.00	3.98		ug/L		99	70 - 130
Naphthalene	4.00	3.68		ug/L		92	70 - 130
n-Butylbenzene	4.00	3.53		ug/L		88	70 - 130
n-Propylbenzene	4.00	3.70		ug/L		93	70 - 130
sec-Butylbenzene	4.00	3.71		ug/L		93	70 - 130
Styrene	4.00	3.50		ug/L		88	70 - 130
tert-Butylbenzene	4.00	3.71		ug/L		93	70 - 130
Tetrachloroethene	4.00	3.85		ug/L		96	70 - 130
Toluene	4.00	3.95		ug/L		99	70 - 130
trans-1,2-Dichloroethene	4.00	4.12		ug/L		103	70 - 130
trans-1,3-Dichloropropene	4.00	3.98		ug/L		99	70 - 130
Trichloroethene	4.00	3.38		ug/L		85	70 - 130
Trichlorofluoromethane	4.00	3.96		ug/L		99	70 - 130
Xylenes, Total	8.00	7.48		ug/L		94	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichlorobenzene-d4	*97*		*80 - 120*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-68365-2 MS
Matrix: Water
Analysis Batch: 206169

Client Sample ID: W-140929-MLR-002
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	0.63		4.00	4.60		ug/L		99	70 - 130
cis-1,2-Dichloroethene	ND		4.00	3.98		ug/L		99	70 - 130
Vinyl chloride	ND		4.00	3.47		ug/L		87	70 - 130

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	ND		4.00	3.43		ug/L		86	70 - 130
1,1,1-Trichloroethane	ND		4.00	3.96		ug/L		99	70 - 130
1,1,2,2-Tetrachloroethane	ND		4.00	3.64		ug/L		91	70 - 130
1,1,2-Trichloroethane	ND		4.00	3.43		ug/L		86	70 - 130
1,1-Dichloroethene	ND		4.00	3.95		ug/L		99	70 - 130
1,1-Dichloropropene	ND		4.00	3.89		ug/L		97	70 - 130
1,2,3-Trichlorobenzene	ND		4.00	3.48		ug/L		87	70 - 130
1,2,3-Trichloropropane	ND		4.00	3.73		ug/L		93	70 - 130
1,2,4-Trichlorobenzene	ND		4.00	3.46		ug/L		86	70 - 130
1,2,4-Trimethylbenzene	ND		4.00	2.98		ug/L		74	70 - 130
1,2-Dibromo-3-Chloropropane	ND		4.00	3.58		ug/L		90	70 - 130
1,2-Dibromoethane	ND		4.00	3.31		ug/L		83	70 - 130
1,2-Dichlorobenzene	ND		4.00	3.72		ug/L		93	70 - 130
1,2-Dichloroethane	ND		4.00	3.82		ug/L		96	70 - 130
1,2-Dichloropropane	ND		4.00	3.66		ug/L		91	70 - 130
1,3,5-Trimethylbenzene	ND		4.00	2.97		ug/L		74	70 - 130
1,3-Dichlorobenzene	ND		4.00	3.64		ug/L		91	70 - 130
1,3-Dichloropropane	ND		4.00	3.34		ug/L		83	70 - 130
1,4-Dichlorobenzene	ND		4.00	3.72		ug/L		93	70 - 130
2,2-Dichloropropane	ND		4.00	3.76		ug/L		94	70 - 130
2-Butanone (MEK)	ND		20.0	17.5		ug/L		87	70 - 130
2-Chlorotoluene	ND		4.00	3.68		ug/L		92	70 - 130
2-Hexanone	ND		20.0	17.1		ug/L		85	70 - 130
4-Chlorotoluene	ND		4.00	3.49		ug/L		87	70 - 130
4-Isopropyltoluene	ND		4.00	3.45		ug/L		86	70 - 130
4-Methyl-2-pentanone (MIBK)	ND		20.0	17.5		ug/L		88	70 - 130
Acetone	ND		20.0	18.7		ug/L		94	70 - 130
Benzene	ND		4.00	3.71		ug/L		93	70 - 130
Bromobenzene	ND		4.00	3.61		ug/L		90	70 - 130
Bromochloromethane	ND		4.00	4.00		ug/L		100	70 - 130
Bromoform	ND		4.00	2.48	F1	ug/L		62	70 - 130
Bromomethane	ND		4.00	3.86		ug/L		96	70 - 130
Carbon disulfide	ND		4.00	3.79		ug/L		95	70 - 130
Carbon tetrachloride	ND		4.00	4.09		ug/L		102	70 - 130
Chlorobenzene	ND		4.00	3.69		ug/L		92	70 - 130
Chlorodibromomethane	ND		4.00	2.93		ug/L		73	70 - 130
Chloroethane	ND		4.00	3.68		ug/L		92	70 - 130
Chloroform	ND		4.00	3.90		ug/L		97	70 - 130
Chloromethane	ND		4.00	3.38		ug/L		84	70 - 130
cis-1,3-Dichloropropene	ND		4.00	3.24		ug/L		81	70 - 130
Dibromomethane	ND		4.00	3.76		ug/L		94	70 - 130
Dichlorobromomethane	ND		4.00	3.41		ug/L		85	70 - 130
Dichlorodifluoromethane	0.65		4.00	3.50		ug/L		71	70 - 130

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-68365-2 MS
Matrix: Water
Analysis Batch: 206169

Client Sample ID: W-140929-MLR-002
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	ND		4.00	3.53		ug/L		88	70 - 130
Hexachlorobutadiene	ND		4.00	3.63		ug/L		91	70 - 130
Isopropylbenzene	ND		4.00	3.56		ug/L		89	70 - 130
Methyl tert-butyl ether	ND		4.00	3.65		ug/L		91	70 - 130
Methylene Chloride	ND		4.00	3.92		ug/L		98	70 - 130
Naphthalene	ND		4.00	3.48		ug/L		87	70 - 130
n-Butylbenzene	ND		4.00	3.45		ug/L		86	70 - 130
n-Propylbenzene	ND		4.00	3.59		ug/L		90	70 - 130
sec-Butylbenzene	ND		4.00	3.66		ug/L		91	70 - 130
Styrene	ND		4.00	2.40	F1	ug/L		60	70 - 130
tert-Butylbenzene	ND		4.00	3.60		ug/L		90	70 - 130
Tetrachloroethene	ND		4.00	3.64		ug/L		91	70 - 130
Toluene	ND		4.00	3.70		ug/L		92	70 - 130
trans-1,2-Dichloroethene	ND		4.00	3.99		ug/L		100	70 - 130
trans-1,3-Dichloropropene	ND		4.00	3.53		ug/L		88	70 - 130
Trichloroethene	ND		4.00	3.50		ug/L		88	70 - 130
Trichlorofluoromethane	ND		4.00	3.67		ug/L		92	70 - 130
Xylenes, Total	ND		8.00	6.96		ug/L		87	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichlorobenzene-d4	*102*		*80 - 120*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*

Lab Sample ID: 480-68365-2 MSD
Matrix: Water
Analysis Batch: 206169

Client Sample ID: W-140929-MLR-002
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethane	0.63		4.00	4.87		ug/L		106	70 - 130	6	20
cis-1,2-Dichloroethene	ND		4.00	4.09		ug/L		102	70 - 130	3	20
Vinyl chloride	ND		4.00	4.43	F2	ug/L		111	70 - 130	24	20

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	ND		4.00	3.61		ug/L		90	70 - 130	5	20
1,1,1-Trichloroethane	ND		4.00	4.12		ug/L		103	70 - 130	4	20
1,1,2,2-Tetrachloroethane	ND		4.00	3.72		ug/L		93	70 - 130	2	20
1,1,2-Trichloroethane	ND		4.00	3.63		ug/L		91	70 - 130	6	20
1,1-Dichloroethene	ND		4.00	4.23		ug/L		106	70 - 130	7	20
1,1-Dichloropropene	ND		4.00	4.08		ug/L		102	70 - 130	5	20
1,2,3-Trichlorobenzene	ND		4.00	3.67		ug/L		92	70 - 130	5	20
1,2,3-Trichloropropane	ND		4.00	3.82		ug/L		95	70 - 130	2	20
1,2,4-Trichlorobenzene	ND		4.00	3.63		ug/L		91	70 - 130	5	20
1,2,4-Trimethylbenzene	ND		4.00	3.03		ug/L		76	70 - 130	2	20
1,2-Dibromo-3-Chloropropane	ND		4.00	3.70		ug/L		92	70 - 130	3	20
1,2-Dibromoethane	ND		4.00	3.48		ug/L		87	70 - 130	5	20
1,2-Dichlorobenzene	ND		4.00	3.85		ug/L		96	70 - 130	4	20
1,2-Dichloroethane	ND		4.00	3.94		ug/L		98	70 - 130	3	20
1,2-Dichloropropane	ND		4.00	3.81		ug/L		95	70 - 130	4	20

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-68365-2 MSD
Matrix: Water
Analysis Batch: 206169

Client Sample ID: W-140929-MLR-002
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,3,5-Trimethylbenzene	ND		4.00	3.08		ug/L		77	70 - 130	4	20
1,3-Dichlorobenzene	ND		4.00	3.83		ug/L		96	70 - 130	5	20
1,3-Dichloropropane	ND		4.00	3.42		ug/L		86	70 - 130	3	20
1,4-Dichlorobenzene	ND		4.00	3.86		ug/L		96	70 - 130	4	20
2,2-Dichloropropane	ND		4.00	3.62		ug/L		91	70 - 130	4	20
2-Butanone (MEK)	ND		20.0	16.6		ug/L		83	70 - 130	5	20
2-Chlorotoluene	ND		4.00	3.86		ug/L		96	70 - 130	5	20
2-Hexanone	ND		20.0	17.1		ug/L		85	70 - 130	0	20
4-Chlorotoluene	ND		4.00	3.74		ug/L		93	70 - 130	7	20
4-Isopropyltoluene	ND		4.00	3.61		ug/L		90	70 - 130	5	20
4-Methyl-2-pentanone (MIBK)	ND		20.0	18.1		ug/L		90	70 - 130	3	20
Acetone	ND		20.0	19.0		ug/L		95	70 - 130	2	20
Benzene	ND		4.00	3.91		ug/L		98	70 - 130	5	20
Bromobenzene	ND		4.00	3.87		ug/L		97	70 - 130	7	20
Bromochloromethane	ND		4.00	4.18		ug/L		105	70 - 130	5	20
Bromoform	ND		4.00	2.77	F1	ug/L		69	70 - 130	11	20
Bromomethane	ND		4.00	4.54		ug/L		114	70 - 130	16	20
Carbon disulfide	ND		4.00	4.03		ug/L		101	70 - 130	6	20
Carbon tetrachloride	ND		4.00	4.15		ug/L		104	70 - 130	2	20
Chlorobenzene	ND		4.00	3.83		ug/L		96	70 - 130	4	20
Chlorodibromomethane	ND		4.00	2.95		ug/L		74	70 - 130	1	20
Chloroethane	ND		4.00	4.56	F2	ug/L		114	70 - 130	21	20
Chloroform	ND		4.00	4.08		ug/L		102	70 - 130	5	20
Chloromethane	ND		4.00	4.23	F2	ug/L		106	70 - 130	22	20
cis-1,3-Dichloropropene	ND		4.00	3.45		ug/L		86	70 - 130	6	20
Dibromomethane	ND		4.00	4.14		ug/L		103	70 - 130	10	20
Dichlorobromomethane	ND		4.00	3.62		ug/L		90	70 - 130	6	20
Dichlorodifluoromethane	0.65		4.00	4.35	F2	ug/L		93	70 - 130	22	20
Ethylbenzene	ND		4.00	3.77		ug/L		94	70 - 130	6	20
Hexachlorobutadiene	ND		4.00	3.71		ug/L		93	70 - 130	2	20
Isopropylbenzene	ND		4.00	3.76		ug/L		94	70 - 130	5	20
Methyl tert-butyl ether	ND		4.00	3.78		ug/L		94	70 - 130	3	20
Methylene Chloride	ND		4.00	4.31		ug/L		108	70 - 130	10	20
Naphthalene	ND		4.00	3.61		ug/L		90	70 - 130	4	20
n-Butylbenzene	ND		4.00	3.61		ug/L		90	70 - 130	4	20
n-Propylbenzene	ND		4.00	3.77		ug/L		94	70 - 130	5	20
sec-Butylbenzene	ND		4.00	3.86		ug/L		96	70 - 130	5	20
Styrene	ND		4.00	2.37	F1	ug/L		59	70 - 130	1	20
tert-Butylbenzene	ND		4.00	3.83		ug/L		96	70 - 130	6	20
Tetrachloroethene	ND		4.00	3.76		ug/L		94	70 - 130	3	20
Toluene	ND		4.00	4.06		ug/L		101	70 - 130	9	20
trans-1,2-Dichloroethene	ND		4.00	4.23		ug/L		106	70 - 130	6	20
trans-1,3-Dichloropropene	ND		4.00	3.48		ug/L		87	70 - 130	1	20
Trichloroethene	ND		4.00	3.85		ug/L		96	70 - 130	9	20
Trichlorofluoromethane	ND		4.00	4.57	F2	ug/L		114	70 - 130	22	20
Xylenes, Total	ND		8.00	7.26		ug/L		91	70 - 130	4	20

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-68365-2 MSD
Matrix: Water
Analysis Batch: 206169

Client Sample ID: W-140929-MLR-002
Prep Type: Total/NA

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichlorobenzene-d4	*100*		*80 - 120*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*

Lab Sample ID: MB 480-206280/4
Matrix: Water
Analysis Batch: 206280

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/07/14 01:02	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/07/14 01:02	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/07/14 01:02	1

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/07/14 01:02	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/07/14 01:02	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/07/14 01:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/07/14 01:02	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/07/14 01:02	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/07/14 01:02	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 01:02	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 01:02	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/07/14 01:02	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 01:02	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/07/14 01:02	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/07/14 01:02	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/07/14 01:02	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 01:02	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/07/14 01:02	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 01:02	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/07/14 01:02	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 01:02	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 01:02	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 01:02	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 01:02	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/07/14 01:02	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/07/14 01:02	1
2-Hexanone	ND		2.5	2.5	ug/L			10/07/14 01:02	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/07/14 01:02	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/07/14 01:02	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/07/14 01:02	1
Acetone	ND		2.5	2.5	ug/L			10/07/14 01:02	1
Acrylonitrile	ND		10	10	ug/L			10/07/14 01:02	1
Allyl chloride	ND		0.50	0.50	ug/L			10/07/14 01:02	1
Benzene	ND		0.50	0.50	ug/L			10/07/14 01:02	1
Bromobenzene	ND		0.50	0.50	ug/L			10/07/14 01:02	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/07/14 01:02	1
Bromoform	ND		0.50	0.50	ug/L			10/07/14 01:02	1
Bromomethane	ND		0.50	0.50	ug/L			10/07/14 01:02	1

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-206280/4
Matrix: Water
Analysis Batch: 206280

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

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	ND		0.50	0.50	ug/L			10/07/14 01:02	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/07/14 01:02	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/07/14 01:02	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/07/14 01:02	1
Chloroethane	ND		0.50	0.50	ug/L			10/07/14 01:02	1
Chloroform	ND		0.50	0.50	ug/L			10/07/14 01:02	1
Chloromethane	ND		0.50	0.50	ug/L			10/07/14 01:02	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 01:02	1
Dibromomethane	ND		0.50	0.50	ug/L			10/07/14 01:02	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/07/14 01:02	1
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/07/14 01:02	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/07/14 01:02	1
Ethyl ether	ND		0.50	0.50	ug/L			10/07/14 01:02	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/07/14 01:02	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/07/14 01:02	1
Iodomethane	ND		0.50	0.50	ug/L			10/07/14 01:02	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/07/14 01:02	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/07/14 01:02	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/07/14 01:02	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/07/14 01:02	1
Naphthalene	ND		0.50	0.50	ug/L			10/07/14 01:02	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 01:02	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/07/14 01:02	1
o-Xylene	ND		0.50	0.50	ug/L			10/07/14 01:02	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 01:02	1
Styrene	ND		0.50	0.50	ug/L			10/07/14 01:02	1
t-Butanol	ND		10	10	ug/L			10/07/14 01:02	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 01:02	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/07/14 01:02	1
Toluene	ND		0.50	0.50	ug/L			10/07/14 01:02	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/07/14 01:02	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 01:02	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/07/14 01:02	1
Trichloroethene	ND		0.20	0.20	ug/L			10/07/14 01:02	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/07/14 01:02	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/07/14 01:02	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/07/14 01:02	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/07/14 01:02	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*99*		*80 - 120*		*10/07/14 01:02*	*1*
4-Bromofluorobenzene (Surr)	*92*		*80 - 120*		*10/07/14 01:02*	*1*

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-206280/3
Matrix: Water
Analysis Batch: 206280

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	4.00	4.30		ug/L		108	70 - 130
cis-1,2-Dichloroethene	4.00	4.25		ug/L		106	70 - 130
Vinyl chloride	4.00	3.85		ug/L		96	70 - 130

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	4.00	3.61		ug/L		90	70 - 130
1,1,1-Trichloroethane	4.00	3.91		ug/L		98	70 - 130
1,1,2,2-Tetrachloroethane	4.00	3.33		ug/L		83	70 - 130
1,1,2-Trichloroethane	4.00	3.37		ug/L		84	70 - 130
1,1-Dichloroethene	4.00	4.20		ug/L		105	70 - 130
1,1-Dichloropropene	4.00	4.02		ug/L		100	70 - 130
1,2,3-Trichlorobenzene	4.00	3.73		ug/L		93	70 - 130
1,2,3-Trichloropropane	4.00	3.32		ug/L		83	70 - 130
1,2,4-Trichlorobenzene	4.00	3.72		ug/L		93	70 - 130
1,2,4-Trimethylbenzene	4.00	3.65		ug/L		91	70 - 130
1,2-Dibromo-3-Chloropropane	4.00	3.09		ug/L		77	70 - 130
1,2-Dibromoethane	4.00	3.21		ug/L		80	70 - 130
1,2-Dichlorobenzene	4.00	3.85		ug/L		96	70 - 130
1,2-Dichloroethane	4.00	3.80		ug/L		95	70 - 130
1,2-Dichloropropane	4.00	3.61		ug/L		90	70 - 130
1,3,5-Trimethylbenzene	4.00	3.68		ug/L		92	70 - 130
1,3-Dichlorobenzene	4.00	3.84		ug/L		96	70 - 130
1,3-Dichloropropane	4.00	3.16		ug/L		79	70 - 130
1,4-Dichlorobenzene	4.00	3.87		ug/L		97	70 - 130
2,2-Dichloropropane	4.00	4.14		ug/L		103	70 - 130
2-Butanone (MEK)	20.0	14.7		ug/L		74	70 - 130
2-Chlorotoluene	4.00	3.86		ug/L		97	70 - 130
2-Hexanone	20.0	15.2		ug/L		76	70 - 130
4-Chlorotoluene	4.00	3.82		ug/L		95	70 - 130
4-Isopropyltoluene	4.00	3.77		ug/L		94	70 - 130
4-Methyl-2-pentanone (MIBK)	20.0	15.8		ug/L		79	70 - 130
Acetone	20.0	18.6		ug/L		93	70 - 130
Benzene	4.00	3.88		ug/L		97	70 - 130
Bromobenzene	4.00	3.92		ug/L		98	70 - 130
Bromochloromethane	4.00	4.41		ug/L		110	70 - 130
Bromoform	4.00	3.16		ug/L		79	70 - 130
Bromomethane	4.00	4.53		ug/L		113	70 - 130
Carbon disulfide	4.00	4.50		ug/L		113	70 - 130
Carbon tetrachloride	4.00	4.28		ug/L		107	70 - 130
Chlorobenzene	4.00	3.83		ug/L		96	70 - 130
Chlorodibromomethane	4.00	3.22		ug/L		80	70 - 130
Chloroethane	4.00	3.92		ug/L		98	70 - 130
Chloroform	4.00	4.13		ug/L		103	70 - 130
Chloromethane	4.00	3.81		ug/L		95	70 - 130
cis-1,3-Dichloropropene	4.00	3.67		ug/L		92	70 - 130
Dibromomethane	4.00	3.85		ug/L		96	70 - 130
Dichlorobromomethane	4.00	3.55		ug/L		89	70 - 130
Dichlorodifluoromethane	4.00	3.19		ug/L		80	70 - 130

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-206280/3
Matrix: Water
Analysis Batch: 206280

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	4.00	3.91		ug/L		98	70 - 130
Hexachlorobutadiene	4.00	3.85		ug/L		96	70 - 130
Isopropylbenzene	4.00	3.94		ug/L		99	70 - 130
Methyl tert-butyl ether	4.00	3.44		ug/L		86	70 - 130
Methylene Chloride	4.00	4.33		ug/L		108	70 - 130
Naphthalene	4.00	3.50		ug/L		87	70 - 130
n-Butylbenzene	4.00	3.64		ug/L		91	70 - 130
n-Propylbenzene	4.00	3.83		ug/L		96	70 - 130
sec-Butylbenzene	4.00	3.96		ug/L		99	70 - 130
Styrene	4.00	3.68		ug/L		92	70 - 130
tert-Butylbenzene	4.00	3.80		ug/L		95	70 - 130
Tetrachloroethene	4.00	3.73		ug/L		93	70 - 130
Toluene	4.00	4.05		ug/L		101	70 - 130
trans-1,2-Dichloroethene	4.00	4.18		ug/L		104	70 - 130
trans-1,3-Dichloropropene	4.00	3.97		ug/L		99	70 - 130
Trichloroethene	4.00	3.67		ug/L		92	70 - 130
Trichlorofluoromethane	4.00	3.91		ug/L		98	70 - 130
Xylenes, Total	8.00	7.79		ug/L		97	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichlorobenzene-d4	*100*		*80 - 120*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*

Lab Sample ID: 480-68365-37 MS
Matrix: Water
Analysis Batch: 206280

Client Sample ID: W-140930-MLR-037
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	ND		4.00	4.84		ug/L		121	70 - 130
cis-1,2-Dichloroethene	ND		4.00	4.58		ug/L		114	70 - 130
Vinyl chloride	ND		4.00	4.53		ug/L		113	70 - 130

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	ND		4.00	4.10		ug/L		103	70 - 130
1,1,1-Trichloroethane	ND		4.00	4.45		ug/L		111	70 - 130
1,1,2,2-Tetrachloroethane	ND		4.00	3.85		ug/L		96	70 - 130
1,1,2-Trichloroethane	ND		4.00	3.93		ug/L		98	70 - 130
1,1-Dichloroethene	ND		4.00	4.66		ug/L		117	70 - 130
1,1-Dichloropropene	ND		4.00	4.43		ug/L		111	70 - 130
1,2,3-Trichlorobenzene	ND		4.00	4.03		ug/L		101	70 - 130
1,2,3-Trichloropropane	ND		4.00	3.79		ug/L		95	70 - 130
1,2,4-Trichlorobenzene	ND		4.00	4.03		ug/L		101	70 - 130
1,2,4-Trimethylbenzene	ND		4.00	3.52		ug/L		88	70 - 130
1,2-Dibromo-3-Chloropropane	ND		4.00	3.82		ug/L		96	70 - 130
1,2-Dibromoethane	ND		4.00	3.69		ug/L		92	70 - 130
1,2-Dichlorobenzene	ND		4.00	4.19		ug/L		105	70 - 130
1,2-Dichloroethane	ND		4.00	4.21		ug/L		105	70 - 130
1,2-Dichloropropane	ND		4.00	4.23		ug/L		106	70 - 130

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-68365-37 MS
Matrix: Water
Analysis Batch: 206280

Client Sample ID: W-140930-MLR-037
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3,5-Trimethylbenzene	ND		4.00	3.17		ug/L		79	70 - 130
1,3-Dichlorobenzene	ND		4.00	4.24		ug/L		106	70 - 130
1,3-Dichloropropane	ND		4.00	3.67		ug/L		92	70 - 130
1,4-Dichlorobenzene	ND		4.00	4.25		ug/L		106	70 - 130
2,2-Dichloropropane	ND		4.00	4.04		ug/L		101	70 - 130
2-Butanone (MEK)	ND		20.0	15.9		ug/L		80	70 - 130
2-Chlorotoluene	ND		4.00	4.16		ug/L		104	70 - 130
2-Hexanone	ND		20.0	17.1		ug/L		85	70 - 130
4-Chlorotoluene	ND		4.00	4.15		ug/L		104	70 - 130
4-Isopropyltoluene	ND		4.00	3.91		ug/L		98	70 - 130
4-Methyl-2-pentanone (MIBK)	ND		20.0	17.6		ug/L		88	70 - 130
Acetone	ND		20.0	17.8		ug/L		89	70 - 130
Benzene	ND		4.00	4.44		ug/L		111	70 - 130
Bromobenzene	ND		4.00	4.33		ug/L		108	70 - 130
Bromochloromethane	ND		4.00	4.79		ug/L		120	70 - 130
Bromoform	ND		4.00	3.17		ug/L		79	70 - 130
Bromomethane	ND		4.00	5.13		ug/L		128	70 - 130
Carbon disulfide	ND		4.00	4.52		ug/L		113	70 - 130
Carbon tetrachloride	ND		4.00	4.61		ug/L		115	70 - 130
Chlorobenzene	ND		4.00	4.37		ug/L		109	70 - 130
Chlorodibromomethane	ND		4.00	3.42		ug/L		85	70 - 130
Chloroethane	ND		4.00	4.70		ug/L		118	70 - 130
Chloroform	ND		4.00	4.54		ug/L		113	70 - 130
Chloromethane	ND		4.00	4.45		ug/L		111	70 - 130
cis-1,3-Dichloropropene	ND		4.00	3.61		ug/L		90	70 - 130
Dibromomethane	ND		4.00	4.38		ug/L		110	70 - 130
Dichlorobromomethane	ND		4.00	3.86		ug/L		96	70 - 130
Dichlorodifluoromethane	ND		4.00	3.50		ug/L		87	70 - 130
Ethylbenzene	ND		4.00	4.18		ug/L		105	70 - 130
Hexachlorobutadiene	ND		4.00	4.11		ug/L		103	70 - 130
Isopropylbenzene	ND		4.00	4.21		ug/L		105	70 - 130
Methyl tert-butyl ether	ND		4.00	3.78		ug/L		95	70 - 130
Methylene Chloride	ND		4.00	4.94		ug/L		123	70 - 130
Naphthalene	ND		4.00	3.71		ug/L		93	70 - 130
n-Butylbenzene	ND		4.00	4.05		ug/L		101	70 - 130
n-Propylbenzene	ND		4.00	4.12		ug/L		103	70 - 130
sec-Butylbenzene	ND		4.00	4.24		ug/L		106	70 - 130
Styrene	ND		4.00	2.92		ug/L		73	70 - 130
tert-Butylbenzene	ND		4.00	4.16		ug/L		104	70 - 130
Tetrachloroethene	ND		4.00	4.27		ug/L		107	70 - 130
Toluene	ND		4.00	4.37		ug/L		109	70 - 130
trans-1,2-Dichloroethene	ND		4.00	4.69		ug/L		117	70 - 130
trans-1,3-Dichloropropene	ND		4.00	3.91		ug/L		98	70 - 130
Trichloroethene	ND		4.00	4.23		ug/L		106	70 - 130
Trichlorofluoromethane	ND		4.00	4.55		ug/L		114	70 - 130
Xylenes, Total	ND		8.00	7.95		ug/L		99	70 - 130

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-68365-37 MS
Matrix: Water
Analysis Batch: 206280

Client Sample ID: W-140930-MLR-037
Prep Type: Total/NA

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichlorobenzene-d4	*99*		*80 - 120*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*

Lab Sample ID: 480-68365-37 MSD
Matrix: Water
Analysis Batch: 206280

Client Sample ID: W-140930-MLR-037
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethane	ND		4.00	4.87		ug/L		122	70 - 130	1	20
cis-1,2-Dichloroethene	ND		4.00	4.68		ug/L		117	70 - 130	2	20
Vinyl chloride	ND		4.00	4.49		ug/L		112	70 - 130	1	20
Analyte	**Sample Result**	**Sample Qualifier**	**Spike Added**	**MSD Result**	**MSD Qualifier**	**Unit**	**D**	**%Rec**	**%Rec. Limits**	**RPD**	**RPD Limit**
1,1,1,2-Tetrachloroethane	ND		4.00	4.19		ug/L		105	70 - 130	2	20
1,1,1-Trichloroethane	ND		4.00	4.50		ug/L		112	70 - 130	1	20
1,1,2,2-Tetrachloroethane	ND		4.00	3.56		ug/L		89	70 - 130	8	20
1,1,2-Trichloroethane	ND		4.00	3.89		ug/L		97	70 - 130	1	20
1,1-Dichloroethene	ND		4.00	4.89		ug/L		122	70 - 130	5	20
1,1-Dichloropropene	ND		4.00	4.45		ug/L		111	70 - 130	1	20
1,2,3-Trichlorobenzene	ND		4.00	4.24		ug/L		106	70 - 130	5	20
1,2,3-Trichloropropane	ND		4.00	3.63		ug/L		91	70 - 130	4	20
1,2,4-Trichlorobenzene	ND		4.00	4.20		ug/L		105	70 - 130	4	20
1,2,4-Trimethylbenzene	ND		4.00	3.54		ug/L		88	70 - 130	1	20
1,2-Dibromo-3-Chloropropane	ND		4.00	3.62		ug/L		91	70 - 130	5	20
1,2-Dibromoethane	ND		4.00	3.65		ug/L		91	70 - 130	1	20
1,2-Dichlorobenzene	ND		4.00	4.31		ug/L		108	70 - 130	3	20
1,2-Dichloroethane	ND		4.00	4.44		ug/L		111	70 - 130	5	20
1,2-Dichloropropane	ND		4.00	4.27		ug/L		107	70 - 130	1	20
1,3,5-Trimethylbenzene	ND		4.00	3.08		ug/L		77	70 - 130	3	20
1,3-Dichlorobenzene	ND		4.00	4.32		ug/L		108	70 - 130	2	20
1,3-Dichloropropane	ND		4.00	3.77		ug/L		94	70 - 130	3	20
1,4-Dichlorobenzene	ND		4.00	4.43		ug/L		111	70 - 130	4	20
2,2-Dichloropropane	ND		4.00	4.15		ug/L		104	70 - 130	3	20
2-Butanone (MEK)	ND		20.0	15.6		ug/L		78	70 - 130	2	20
2-Chlorotoluene	ND		4.00	4.27		ug/L		107	70 - 130	3	20
2-Hexanone	ND		20.0	16.7		ug/L		83	70 - 130	3	20
4-Chlorotoluene	ND		4.00	4.20		ug/L		105	70 - 130	1	20
4-Isopropyltoluene	ND		4.00	3.98		ug/L		100	70 - 130	2	20
4-Methyl-2-pentanone (MIBK)	ND		20.0	16.9		ug/L		85	70 - 130	4	20
Acetone	ND		20.0	17.6		ug/L		88	70 - 130	1	20
Benzene	ND		4.00	4.51		ug/L		113	70 - 130	2	20
Bromobenzene	ND		4.00	4.15		ug/L		104	70 - 130	4	20
Bromochloromethane	ND		4.00	4.88		ug/L		122	70 - 130	2	20
Bromoform	ND		4.00	3.21		ug/L		80	70 - 130	1	20
Bromomethane	ND		4.00	5.77	F1	ug/L		144	70 - 130	12	20
Carbon disulfide	ND		4.00	4.75		ug/L		119	70 - 130	5	20
Carbon tetrachloride	ND		4.00	4.68		ug/L		117	70 - 130	2	20
Chlorobenzene	ND		4.00	4.48		ug/L		112	70 - 130	2	20

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-68365-37 MSD
Matrix: Water
Analysis Batch: 206280

Client Sample ID: W-140930-MLR-037
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chlorodibromomethane	ND		4.00	3.60		ug/L		90	70 - 130	5	20
Chloroethane	ND		4.00	4.65		ug/L		116	70 - 130	1	20
Chloroform	ND		4.00	4.68		ug/L		117	70 - 130	3	20
Chloromethane	ND		4.00	4.48		ug/L		112	70 - 130	1	20
cis-1,3-Dichloropropene	ND		4.00	3.77		ug/L		94	70 - 130	4	20
Dibromomethane	ND		4.00	4.32		ug/L		108	70 - 130	1	20
Dichlorobromomethane	ND		4.00	3.83		ug/L		96	70 - 130	1	20
Dichlorodifluoromethane	ND		4.00	3.52		ug/L		88	70 - 130	1	20
Ethylbenzene	ND		4.00	4.21		ug/L		105	70 - 130	1	20
Hexachlorobutadiene	ND		4.00	4.33		ug/L		108	70 - 130	5	20
Isopropylbenzene	ND		4.00	4.31		ug/L		108	70 - 130	2	20
Methyl tert-butyl ether	ND		4.00	3.85		ug/L		96	70 - 130	2	20
Methylene Chloride	ND		4.00	5.08		ug/L		127	70 - 130	3	20
Naphthalene	ND		4.00	3.88		ug/L		97	70 - 130	4	20
n-Butylbenzene	ND		4.00	4.15		ug/L		104	70 - 130	2	20
n-Propylbenzene	ND		4.00	4.13		ug/L		103	70 - 130	0	20
sec-Butylbenzene	ND		4.00	4.31		ug/L		108	70 - 130	2	20
Styrene	ND		4.00	2.89		ug/L		72	70 - 130	1	20
tert-Butylbenzene	ND		4.00	4.28		ug/L		107	70 - 130	3	20
Tetrachloroethene	ND		4.00	4.45		ug/L		111	70 - 130	4	20
Toluene	ND		4.00	4.40		ug/L		110	70 - 130	1	20
trans-1,2-Dichloroethene	ND		4.00	4.80		ug/L		120	70 - 130	2	20
trans-1,3-Dichloropropene	ND		4.00	4.00		ug/L		100	70 - 130	2	20
Trichloroethene	ND		4.00	4.28		ug/L		107	70 - 130	1	20
Trichlorofluoromethane	ND		4.00	4.34		ug/L		108	70 - 130	5	20
Xylenes, Total	ND		8.00	7.97		ug/L		100	70 - 130	0	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichlorobenzene-d4	*101*		*80 - 120*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*

Lab Sample ID: MB 480-206371/4
Matrix: Water
Analysis Batch: 206371

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/07/14 13:01	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/07/14 13:01	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/07/14 13:01	1

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/07/14 13:01	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/07/14 13:01	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/07/14 13:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/07/14 13:01	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/07/14 13:01	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/07/14 13:01	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 13:01	1

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-206371/4
Matrix: Water
Analysis Batch: 206371

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

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 13:01	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/07/14 13:01	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 13:01	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/07/14 13:01	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/07/14 13:01	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/07/14 13:01	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 13:01	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/07/14 13:01	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 13:01	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/07/14 13:01	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 13:01	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 13:01	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 13:01	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 13:01	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/07/14 13:01	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/07/14 13:01	1
2-Hexanone	ND		2.5	2.5	ug/L			10/07/14 13:01	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/07/14 13:01	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/07/14 13:01	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/07/14 13:01	1
Acetone	ND		2.5	2.5	ug/L			10/07/14 13:01	1
Acrylonitrile	ND		10	10	ug/L			10/07/14 13:01	1
Allyl chloride	ND		0.50	0.50	ug/L			10/07/14 13:01	1
Benzene	ND		0.50	0.50	ug/L			10/07/14 13:01	1
Bromobenzene	ND		0.50	0.50	ug/L			10/07/14 13:01	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/07/14 13:01	1
Bromoform	ND		0.50	0.50	ug/L			10/07/14 13:01	1
Bromomethane	ND		0.50	0.50	ug/L			10/07/14 13:01	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/07/14 13:01	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/07/14 13:01	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/07/14 13:01	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/07/14 13:01	1
Chloroethane	ND		0.50	0.50	ug/L			10/07/14 13:01	1
Chloroform	ND		0.50	0.50	ug/L			10/07/14 13:01	1
Chloromethane	ND		0.50	0.50	ug/L			10/07/14 13:01	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 13:01	1
Dibromomethane	ND		0.50	0.50	ug/L			10/07/14 13:01	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/07/14 13:01	1
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/07/14 13:01	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/07/14 13:01	1
Ethyl ether	ND		0.50	0.50	ug/L			10/07/14 13:01	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/07/14 13:01	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/07/14 13:01	1
Iodomethane	ND		0.50	0.50	ug/L			10/07/14 13:01	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/07/14 13:01	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/07/14 13:01	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/07/14 13:01	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/07/14 13:01	1

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-206371/4
Matrix: Water
Analysis Batch: 206371

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

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		0.50	0.50	ug/L			10/07/14 13:01	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 13:01	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/07/14 13:01	1
o-Xylene	ND		0.50	0.50	ug/L			10/07/14 13:01	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 13:01	1
Styrene	ND		0.50	0.50	ug/L			10/07/14 13:01	1
t-Butanol	ND		10	10	ug/L			10/07/14 13:01	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 13:01	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/07/14 13:01	1
Toluene	ND		0.50	0.50	ug/L			10/07/14 13:01	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/07/14 13:01	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 13:01	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/07/14 13:01	1
Trichloroethene	ND		0.20	0.20	ug/L			10/07/14 13:01	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/07/14 13:01	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/07/14 13:01	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/07/14 13:01	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/07/14 13:01	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*101*		*80 - 120*		*10/07/14 13:01*	*1*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*		*10/07/14 13:01*	*1*

Lab Sample ID: LCS 480-206371/3
Matrix: Water
Analysis Batch: 206371

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	4.00	4.19		ug/L		105	70 - 130
cis-1,2-Dichloroethene	4.00	4.14		ug/L		104	70 - 130
Vinyl chloride	4.00	3.84		ug/L		96	70 - 130

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	4.00	3.66		ug/L		92	70 - 130
1,1,1-Trichloroethane	4.00	3.91		ug/L		98	70 - 130
1,1,2,2-Tetrachloroethane	4.00	3.47		ug/L		87	70 - 130
1,1,2-Trichloroethane	4.00	3.30		ug/L		83	70 - 130
1,1-Dichloroethene	4.00	4.11		ug/L		103	70 - 130
1,1-Dichloropropene	4.00	3.82		ug/L		95	70 - 130
1,2,3-Trichlorobenzene	4.00	3.68		ug/L		92	70 - 130
1,2,3-Trichloropropane	4.00	3.48		ug/L		87	70 - 130
1,2,4-Trichlorobenzene	4.00	3.64		ug/L		91	70 - 130
1,2,4-Trimethylbenzene	4.00	3.58		ug/L		90	70 - 130
1,2-Dibromo-3-Chloropropane	4.00	3.36		ug/L		84	70 - 130
1,2-Dibromoethane	4.00	3.09		ug/L		77	70 - 130
1,2-Dichlorobenzene	4.00	3.66		ug/L		91	70 - 130
1,2-Dichloroethane	4.00	3.89		ug/L		97	70 - 130
1,2-Dichloropropane	4.00	3.46		ug/L		86	70 - 130

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-206371/3
Matrix: Water
Analysis Batch: 206371

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3,5-Trimethylbenzene	4.00	3.58		ug/L		89	70 - 130
1,3-Dichlorobenzene	4.00	3.63		ug/L		91	70 - 130
1,3-Dichloropropane	4.00	3.04		ug/L		76	70 - 130
1,4-Dichlorobenzene	4.00	3.77		ug/L		94	70 - 130
2,2-Dichloropropane	4.00	4.08		ug/L		102	70 - 130
2-Butanone (MEK)	20.0	16.3		ug/L		81	70 - 130
2-Chlorotoluene	4.00	3.64		ug/L		91	70 - 130
2-Hexanone	20.0	16.1		ug/L		81	70 - 130
4-Chlorotoluene	4.00	3.70		ug/L		93	70 - 130
4-Isopropyltoluene	4.00	3.60		ug/L		90	70 - 130
4-Methyl-2-pentanone (MIBK)	20.0	16.7		ug/L		84	70 - 130
Acetone	20.0	20.8		ug/L		104	70 - 130
Benzene	4.00	3.71		ug/L		93	70 - 130
Bromobenzene	4.00	3.70		ug/L		92	70 - 130
Bromochloromethane	4.00	4.27		ug/L		107	70 - 130
Bromoform	4.00	3.41		ug/L		85	70 - 130
Bromomethane	4.00	4.35		ug/L		109	70 - 130
Carbon disulfide	4.00	4.58		ug/L		114	70 - 130
Carbon tetrachloride	4.00	4.22		ug/L		105	70 - 130
Chlorobenzene	4.00	3.70		ug/L		93	70 - 130
Chlorodibromomethane	4.00	3.20		ug/L		80	70 - 130
Chloroethane	4.00	3.99		ug/L		100	70 - 130
Chloroform	4.00	4.03		ug/L		101	70 - 130
Chloromethane	4.00	3.73		ug/L		93	70 - 130
cis-1,3-Dichloropropene	4.00	3.64		ug/L		91	70 - 130
Dibromomethane	4.00	3.72		ug/L		93	70 - 130
Dichlorobromomethane	4.00	3.47		ug/L		87	70 - 130
Dichlorodifluoromethane	4.00	3.05		ug/L		76	70 - 130
Ethylbenzene	4.00	3.69		ug/L		92	70 - 130
Hexachlorobutadiene	4.00	3.55		ug/L		89	70 - 130
Isopropylbenzene	4.00	3.68		ug/L		92	70 - 130
Methyl tert-butyl ether	4.00	3.40		ug/L		85	70 - 130
Methylene Chloride	4.00	4.25		ug/L		106	70 - 130
Naphthalene	4.00	3.55		ug/L		89	70 - 130
n-Butylbenzene	4.00	3.52		ug/L		88	70 - 130
n-Propylbenzene	4.00	3.68		ug/L		92	70 - 130
sec-Butylbenzene	4.00	3.67		ug/L		92	70 - 130
Styrene	4.00	3.51		ug/L		88	70 - 130
tert-Butylbenzene	4.00	3.64		ug/L		91	70 - 130
Tetrachloroethene	4.00	3.67		ug/L		92	70 - 130
Toluene	4.00	3.96		ug/L		99	70 - 130
trans-1,2-Dichloroethene	4.00	4.12		ug/L		103	70 - 130
trans-1,3-Dichloropropene	4.00	3.94		ug/L		98	70 - 130
Trichloroethene	4.00	3.60		ug/L		90	70 - 130
Trichlorofluoromethane	4.00	3.83		ug/L		96	70 - 130
Xylenes, Total	8.00	7.48		ug/L		94	70 - 130

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-206371/3
Matrix: Water
Analysis Batch: 206371

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichlorobenzene-d4	99		80 - 120
4-Bromofluorobenzene (Surr)	102		80 - 120

Lab Sample ID: 480-68365-32 MS
Matrix: Water
Analysis Batch: 206371

Client Sample ID: W-140929-MLR-032
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	ND		4.00	3.46		ug/L		86	70 - 130
cis-1,2-Dichloroethene	ND		4.00	3.51		ug/L		88	70 - 130
Vinyl chloride	ND		4.00	3.43		ug/L		86	70 - 130

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	ND		4.00	3.18		ug/L		80	70 - 130
1,1,1-Trichloroethane	ND		4.00	3.49		ug/L		87	70 - 130
1,1,2,2-Tetrachloroethane	ND		4.00	3.42		ug/L		85	70 - 130
1,1,2-Trichloroethane	ND		4.00	3.15		ug/L		79	70 - 130
1,1-Dichloroethene	ND		4.00	3.53		ug/L		88	70 - 130
1,1-Dichloropropene	ND		4.00	3.55		ug/L		89	70 - 130
1,2,3-Trichlorobenzene	ND		4.00	3.17		ug/L		79	70 - 130
1,2,3-Trichloropropane	ND		4.00	3.45		ug/L		86	70 - 130
1,2,4-Trichlorobenzene	ND		4.00	3.10		ug/L		78	70 - 130
1,2,4-Trimethylbenzene	ND		4.00	3.05		ug/L		76	70 - 130
1,2-Dibromo-3-Chloropropane	ND		4.00	3.23		ug/L		81	70 - 130
1,2-Dibromoethane	ND		4.00	3.10		ug/L		77	70 - 130
1,2-Dichlorobenzene	ND		4.00	3.39		ug/L		85	70 - 130
1,2-Dichloroethane	ND		4.00	3.49		ug/L		87	70 - 130
1,2-Dichloropropane	ND		4.00	3.33		ug/L		83	70 - 130
1,3,5-Trimethylbenzene	ND		4.00	3.13		ug/L		78	70 - 130
1,3-Dichlorobenzene	ND		4.00	3.35		ug/L		84	70 - 130
1,3-Dichloropropane	ND		4.00	3.02		ug/L		75	70 - 130
1,4-Dichlorobenzene	ND		4.00	3.35		ug/L		84	70 - 130
2,2-Dichloropropane	ND		4.00	3.32		ug/L		83	70 - 130
2-Butanone (MEK)	ND		20.0	16.7		ug/L		83	70 - 130
2-Chlorotoluene	ND		4.00	3.25		ug/L		81	70 - 130
2-Hexanone	ND		20.0	16.1		ug/L		80	70 - 130
4-Chlorotoluene	ND		4.00	3.25		ug/L		81	70 - 130
4-Isopropyltoluene	ND		4.00	3.26		ug/L		81	70 - 130
4-Methyl-2-pentanone (MIBK)	ND		20.0	16.5		ug/L		83	70 - 130
Acetone	ND		20.0	17.5		ug/L		87	70 - 130
Benzene	ND		4.00	3.37		ug/L		84	70 - 130
Bromobenzene	ND		4.00	3.21		ug/L		80	70 - 130
Bromochloromethane	ND		4.00	3.45		ug/L		86	70 - 130
Bromoform	ND		4.00	2.46	F1	ug/L		61	70 - 130
Bromomethane	ND		4.00	4.04		ug/L		101	70 - 130
Carbon disulfide	ND		4.00	3.17		ug/L		79	70 - 130
Carbon tetrachloride	ND		4.00	3.63		ug/L		91	70 - 130
Chlorobenzene	ND		4.00	3.25		ug/L		81	70 - 130

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-68365-32 MS
Matrix: Water
Analysis Batch: 206371

Client Sample ID: W-140929-MLR-032
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chlorodibromomethane	ND		4.00	2.72	F1	ug/L		68	70 - 130
Chloroethane	ND		4.00	3.48		ug/L		87	70 - 130
Chloroform	ND		4.00	3.50		ug/L		87	70 - 130
Chloromethane	ND		4.00	3.32		ug/L		83	70 - 130
cis-1,3-Dichloropropene	ND		4.00	2.92		ug/L		73	70 - 130
Dibromomethane	ND		4.00	3.51		ug/L		88	70 - 130
Dichlorobromomethane	ND		4.00	3.15		ug/L		79	70 - 130
Dichlorodifluoromethane	ND		4.00	2.83		ug/L		71	70 - 130
Ethylbenzene	ND		4.00	3.23		ug/L		81	70 - 130
Hexachlorobutadiene	ND		4.00	3.27		ug/L		82	70 - 130
Isopropylbenzene	ND		4.00	3.17		ug/L		79	70 - 130
Methyl tert-butyl ether	ND		4.00	3.36		ug/L		84	70 - 130
Methylene Chloride	ND		4.00	3.76		ug/L		94	70 - 130
Naphthalene	ND		4.00	3.10		ug/L		77	70 - 130
n-Butylbenzene	ND		4.00	3.21		ug/L		80	70 - 130
n-Propylbenzene	ND		4.00	3.19		ug/L		80	70 - 130
sec-Butylbenzene	ND		4.00	3.25		ug/L		81	70 - 130
Styrene	ND		4.00	2.96		ug/L		74	70 - 130
tert-Butylbenzene	ND		4.00	3.16		ug/L		79	70 - 130
Tetrachloroethene	ND		4.00	3.32		ug/L		83	70 - 130
Toluene	ND		4.00	3.36		ug/L		84	70 - 130
trans-1,2-Dichloroethene	ND		4.00	3.57		ug/L		89	70 - 130
trans-1,3-Dichloropropene	ND		4.00	3.23		ug/L		81	70 - 130
Trichloroethene	ND		4.00	3.32		ug/L		83	70 - 130
Trichlorofluoromethane	ND		4.00	3.56		ug/L		89	70 - 130
Xylenes, Total	ND		8.00	6.47		ug/L		81	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichlorobenzene-d4	*103*		*80 - 120*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*

Lab Sample ID: 480-68365-32 MSD
Matrix: Water
Analysis Batch: 206371

Client Sample ID: W-140929-MLR-032
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethane	ND		4.00	3.87		ug/L		97	70 - 130	11	20
cis-1,2-Dichloroethene	ND		4.00	3.83		ug/L		96	70 - 130	9	20
Vinyl chloride	ND		4.00	4.22	F2	ug/L		106	70 - 130	21	20

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	ND		4.00	3.59		ug/L		90	70 - 130	12	20
1,1,1-Trichloroethane	ND		4.00	3.89		ug/L		97	70 - 130	11	20
1,1,2,2-Tetrachloroethane	ND		4.00	3.72		ug/L		93	70 - 130	8	20
1,1,2-Trichloroethane	ND		4.00	3.64		ug/L		91	70 - 130	15	20
1,1-Dichloroethene	ND		4.00	3.88		ug/L		97	70 - 130	9	20
1,1-Dichloropropene	ND		4.00	4.06		ug/L		101	70 - 130	13	20
1,2,3-Trichlorobenzene	ND		4.00	3.59		ug/L		90	70 - 130	12	20

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-68365-32 MSD
Matrix: Water
Analysis Batch: 206371

Client Sample ID: W-140929-MLR-032
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,3-Trichloropropane	ND		4.00	3.85		ug/L		96	70 - 130	11	20
1,2,4-Trichlorobenzene	ND		4.00	3.42		ug/L		86	70 - 130	10	20
1,2,4-Trimethylbenzene	ND		4.00	3.52		ug/L		88	70 - 130	15	20
1,2-Dibromo-3-Chloropropane	ND		4.00	3.64		ug/L		91	70 - 130	12	20
1,2-Dibromoethane	ND		4.00	3.51		ug/L		88	70 - 130	12	20
1,2-Dichlorobenzene	ND		4.00	3.68		ug/L		92	70 - 130	8	20
1,2-Dichloroethane	ND		4.00	3.74		ug/L		93	70 - 130	7	20
1,2-Dichloropropane	ND		4.00	3.63		ug/L		91	70 - 130	9	20
1,3,5-Trimethylbenzene	ND		4.00	3.53		ug/L		88	70 - 130	12	20
1,3-Dichlorobenzene	ND		4.00	3.65		ug/L		91	70 - 130	9	20
1,3-Dichloropropane	ND		4.00	3.39		ug/L		85	70 - 130	12	20
1,4-Dichlorobenzene	ND		4.00	3.77		ug/L		94	70 - 130	12	20
2,2-Dichloropropane	ND		4.00	3.70		ug/L		92	70 - 130	11	20
2-Butanone (MEK)	ND		20.0	17.4		ug/L		87	70 - 130	5	20
2-Chlorotoluene	ND		4.00	3.66		ug/L		91	70 - 130	12	20
2-Hexanone	ND		20.0	17.7		ug/L		88	70 - 130	9	20
4-Chlorotoluene	ND		4.00	3.60		ug/L		90	70 - 130	10	20
4-Isopropyltoluene	ND		4.00	3.65		ug/L		91	70 - 130	11	20
4-Methyl-2-pentanone (MIBK)	ND		20.0	17.8		ug/L		89	70 - 130	8	20
Acetone	ND		20.0	17.3		ug/L		87	70 - 130	1	20
Benzene	ND		4.00	3.72		ug/L		93	70 - 130	10	20
Bromobenzene	ND		4.00	3.68		ug/L		92	70 - 130	14	20
Bromochloromethane	ND		4.00	3.91		ug/L		98	70 - 130	12	20
Bromoform	ND		4.00	2.86		ug/L		72	70 - 130	15	20
Bromomethane	ND		4.00	4.45		ug/L		111	70 - 130	9	20
Carbon disulfide	ND		4.00	3.59		ug/L		90	70 - 130	12	20
Carbon tetrachloride	ND		4.00	4.02		ug/L		100	70 - 130	10	20
Chlorobenzene	ND		4.00	3.61		ug/L		90	70 - 130	11	20
Chlorodibromomethane	ND		4.00	3.19		ug/L		80	70 - 130	16	20
Chloroethane	ND		4.00	4.10		ug/L		102	70 - 130	16	20
Chloroform	ND		4.00	3.82		ug/L		95	70 - 130	9	20
Chloromethane	ND		4.00	3.94		ug/L		99	70 - 130	17	20
cis-1,3-Dichloropropene	ND		4.00	3.23		ug/L		81	70 - 130	10	20
Dibromomethane	ND		4.00	3.91		ug/L		98	70 - 130	11	20
Dichlorobromomethane	ND		4.00	3.40		ug/L		85	70 - 130	8	20
Dichlorodifluoromethane	ND		4.00	3.58	F2	ug/L		89	70 - 130	23	20
Ethylbenzene	ND		4.00	3.60		ug/L		90	70 - 130	11	20
Hexachlorobutadiene	ND		4.00	3.61		ug/L		90	70 - 130	10	20
Isopropylbenzene	ND		4.00	3.62		ug/L		90	70 - 130	13	20
Methyl tert-butyl ether	ND		4.00	3.71		ug/L		93	70 - 130	10	20
Methylene Chloride	ND		4.00	4.07		ug/L		102	70 - 130	8	20
Naphthalene	ND		4.00	3.50		ug/L		88	70 - 130	12	20
n-Butylbenzene	ND		4.00	3.59		ug/L		90	70 - 130	11	20
n-Propylbenzene	ND		4.00	3.58		ug/L		89	70 - 130	12	20
sec-Butylbenzene	ND		4.00	3.66		ug/L		92	70 - 130	12	20
Styrene	ND		4.00	3.19		ug/L		80	70 - 130	8	20
tert-Butylbenzene	ND		4.00	3.51		ug/L		88	70 - 130	11	20
Tetrachloroethene	ND		4.00	3.59		ug/L		90	70 - 130	8	20

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-68365-32 MSD — **Client Sample ID: W-140929-MLR-032**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 206371

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Toluene	ND		4.00	3.76		ug/L		94	70 - 130	11	20
trans-1,2-Dichloroethene	ND		4.00	3.92		ug/L		98	70 - 130	10	20
trans-1,3-Dichloropropene	ND		4.00	3.43		ug/L		86	70 - 130	6	20
Trichloroethene	ND		4.00	3.85		ug/L		96	70 - 130	15	20
Trichlorofluoromethane	ND		4.00	4.43	F2	ug/L		111	70 - 130	22	20
Xylenes, Total	ND		8.00	7.21		ug/L		90	70 - 130	11	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichlorobenzene-d4	*100*		*80 - 120*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*

Lab Sample ID: MB 480-206464/4 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 206464

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/07/14 23:33	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/07/14 23:33	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/07/14 23:33	1

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/07/14 23:33	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/07/14 23:33	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/07/14 23:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/07/14 23:33	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/07/14 23:33	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/07/14 23:33	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 23:33	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 23:33	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/07/14 23:33	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 23:33	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/07/14 23:33	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/07/14 23:33	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/07/14 23:33	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 23:33	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/07/14 23:33	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 23:33	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/07/14 23:33	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 23:33	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 23:33	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/07/14 23:33	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/07/14 23:33	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/07/14 23:33	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/07/14 23:33	1
2-Hexanone	ND		2.5	2.5	ug/L			10/07/14 23:33	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/07/14 23:33	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/07/14 23:33	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/07/14 23:33	1

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-206464/4
Matrix: Water
Analysis Batch: 206464

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

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		2.5	2.5	ug/L			10/07/14 23:33	1
Acrylonitrile	ND		10	10	ug/L			10/07/14 23:33	1
Allyl chloride	ND		0.50	0.50	ug/L			10/07/14 23:33	1
Benzene	ND		0.50	0.50	ug/L			10/07/14 23:33	1
Bromobenzene	ND		0.50	0.50	ug/L			10/07/14 23:33	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/07/14 23:33	1
Bromoform	ND		0.50	0.50	ug/L			10/07/14 23:33	1
Bromomethane	ND		0.50	0.50	ug/L			10/07/14 23:33	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/07/14 23:33	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/07/14 23:33	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/07/14 23:33	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/07/14 23:33	1
Chloroethane	ND		0.50	0.50	ug/L			10/07/14 23:33	1
Chloroform	ND		0.50	0.50	ug/L			10/07/14 23:33	1
Chloromethane	ND		0.50	0.50	ug/L			10/07/14 23:33	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 23:33	1
Dibromomethane	ND		0.50	0.50	ug/L			10/07/14 23:33	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/07/14 23:33	1
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/07/14 23:33	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/07/14 23:33	1
Ethyl ether	ND		0.50	0.50	ug/L			10/07/14 23:33	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/07/14 23:33	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/07/14 23:33	1
Iodomethane	ND		0.50	0.50	ug/L			10/07/14 23:33	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/07/14 23:33	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/07/14 23:33	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/07/14 23:33	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/07/14 23:33	1
Naphthalene	ND		0.50	0.50	ug/L			10/07/14 23:33	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 23:33	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/07/14 23:33	1
o-Xylene	ND		0.50	0.50	ug/L			10/07/14 23:33	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 23:33	1
Styrene	ND		0.50	0.50	ug/L			10/07/14 23:33	1
t-Butanol	ND		10	10	ug/L			10/07/14 23:33	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/07/14 23:33	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/07/14 23:33	1
Toluene	ND		0.50	0.50	ug/L			10/07/14 23:33	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/07/14 23:33	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/07/14 23:33	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/07/14 23:33	1
Trichloroethene	ND		0.20	0.20	ug/L			10/07/14 23:33	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/07/14 23:33	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/07/14 23:33	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/07/14 23:33	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/07/14 23:33	1

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-206464/4
Matrix: Water
Analysis Batch: 206464

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene-d4	103		80 - 120		10/07/14 23:33	1
4-Bromofluorobenzene (Surr)	95		80 - 120		10/07/14 23:33	1

Lab Sample ID: LCS 480-206464/3
Matrix: Water
Analysis Batch: 206464

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	4.00	4.11		ug/L		103	70 - 130
cis-1,2-Dichloroethene	4.00	3.98		ug/L		99	70 - 130
Vinyl chloride	4.00	3.61		ug/L		90	70 - 130

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	4.00	3.89		ug/L		97	70 - 130
1,1,1-Trichloroethane	4.00	4.09		ug/L		102	70 - 130
1,1,2,2-Tetrachloroethane	4.00	3.89		ug/L		97	70 - 130
1,1,2-Trichloroethane	4.00	3.62		ug/L		91	70 - 130
1,1-Dichloroethene	4.00	4.06		ug/L		102	70 - 130
1,1-Dichloropropene	4.00	4.10		ug/L		102	70 - 130
1,2,3-Trichlorobenzene	4.00	3.77		ug/L		94	70 - 130
1,2,3-Trichloropropane	4.00	3.84		ug/L		96	70 - 130
1,2,4-Trichlorobenzene	4.00	3.75		ug/L		94	70 - 130
1,2,4-Trimethylbenzene	4.00	3.61		ug/L		90	70 - 130
1,2-Dibromo-3-Chloropropane	4.00	3.86		ug/L		97	70 - 130
1,2-Dibromoethane	4.00	3.60		ug/L		90	70 - 130
1,2-Dichlorobenzene	4.00	3.72		ug/L		93	70 - 130
1,2-Dichloroethane	4.00	3.87		ug/L		97	70 - 130
1,2-Dichloropropane	4.00	3.82		ug/L		96	70 - 130
1,3,5-Trimethylbenzene	4.00	3.70		ug/L		92	70 - 130
1,3-Dichlorobenzene	4.00	3.84		ug/L		96	70 - 130
1,3-Dichloropropane	4.00	3.59		ug/L		90	70 - 130
1,4-Dichlorobenzene	4.00	3.91		ug/L		98	70 - 130
2,2-Dichloropropane	4.00	4.03		ug/L		101	70 - 130
2-Butanone (MEK)	20.0	18.8		ug/L		94	70 - 130
2-Chlorotoluene	4.00	3.77		ug/L		94	70 - 130
2-Hexanone	20.0	18.6		ug/L		93	70 - 130
4-Chlorotoluene	4.00	3.82		ug/L		95	70 - 130
4-Isopropyltoluene	4.00	3.76		ug/L		94	70 - 130
4-Methyl-2-pentanone (MIBK)	20.0	18.1		ug/L		90	70 - 130
Acetone	20.0	21.5		ug/L		108	70 - 130
Benzene	4.00	3.86		ug/L		97	70 - 130
Bromobenzene	4.00	3.77		ug/L		94	70 - 130
Bromochloromethane	4.00	4.11		ug/L		103	70 - 130
Bromoform	4.00	3.47		ug/L		87	70 - 130
Bromomethane	4.00	4.26		ug/L		107	70 - 130
Carbon disulfide	4.00	4.27		ug/L		107	70 - 130
Carbon tetrachloride	4.00	4.31		ug/L		108	70 - 130
Chlorobenzene	4.00	3.83		ug/L		96	70 - 130

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-206464/3
Matrix: Water
Analysis Batch: 206464

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chlorodibromomethane	4.00	3.65		ug/L		91	70 - 130
Chloroethane	4.00	3.67		ug/L		92	70 - 130
Chloroform	4.00	3.92		ug/L		98	70 - 130
Chloromethane	4.00	3.33		ug/L		83	70 - 130
cis-1,3-Dichloropropene	4.00	3.74		ug/L		94	70 - 130
Dibromomethane	4.00	3.96		ug/L		99	70 - 130
Dichlorobromomethane	4.00	3.78		ug/L		94	70 - 130
Dichlorodifluoromethane	4.00	3.01		ug/L		75	70 - 130
Ethylbenzene	4.00	3.73		ug/L		93	70 - 130
Hexachlorobutadiene	4.00	3.75		ug/L		94	70 - 130
Isopropylbenzene	4.00	3.75		ug/L		94	70 - 130
Methyl tert-butyl ether	4.00	3.73		ug/L		93	70 - 130
Methylene Chloride	4.00	4.05		ug/L		101	70 - 130
Naphthalene	4.00	3.75		ug/L		94	70 - 130
n-Butylbenzene	4.00	3.70		ug/L		92	70 - 130
n-Propylbenzene	4.00	3.83		ug/L		96	70 - 130
sec-Butylbenzene	4.00	3.78		ug/L		95	70 - 130
Styrene	4.00	3.61		ug/L		90	70 - 130
tert-Butylbenzene	4.00	3.71		ug/L		93	70 - 130
Tetrachloroethene	4.00	3.89		ug/L		97	70 - 130
Toluene	4.00	3.96		ug/L		99	70 - 130
trans-1,2-Dichloroethene	4.00	4.11		ug/L		103	70 - 130
trans-1,3-Dichloropropene	4.00	4.09		ug/L		102	70 - 130
Trichloroethene	4.00	3.87		ug/L		97	70 - 130
Trichlorofluoromethane	4.00	3.82		ug/L		95	70 - 130
Xylenes, Total	8.00	7.52		ug/L		94	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichlorobenzene-d4	*100*		*80 - 120*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*

Lab Sample ID: 480-68365-49 MS
Matrix: Water
Analysis Batch: 206464

Client Sample ID: W-140930-MLR-049
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	ND		4.00	5.02		ug/L		126	70 - 130
cis-1,2-Dichloroethene	ND		4.00	4.77		ug/L		119	70 - 130
Vinyl chloride	ND		4.00	4.63		ug/L		116	70 - 130

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	ND		4.00	4.00		ug/L		100	70 - 130
1,1,1-Trichloroethane	ND		4.00	4.49		ug/L		112	70 - 130
1,1,2,2-Tetrachloroethane	ND		4.00	3.57		ug/L		89	70 - 130
1,1,2-Trichloroethane	ND		4.00	3.75		ug/L		94	70 - 130
1,1-Dichloroethene	ND		4.00	4.81		ug/L		120	70 - 130
1,1-Dichloropropene	ND		4.00	4.46		ug/L		112	70 - 130
1,2,3-Trichlorobenzene	ND		4.00	3.88		ug/L		97	70 - 130

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-68365-49 MS
Matrix: Water
Analysis Batch: 206464

Client Sample ID: W-140930-MLR-049
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,3-Trichloropropane	ND		4.00	3.55		ug/L		89	70 - 130
1,2,4-Trichlorobenzene	ND		4.00	3.80		ug/L		95	70 - 130
1,2,4-Trimethylbenzene	ND		4.00	3.28		ug/L		82	70 - 130
1,2-Dibromo-3-Chloropropane	ND		4.00	3.45		ug/L		86	70 - 130
1,2-Dibromoethane	ND		4.00	3.41		ug/L		85	70 - 130
1,2-Dichlorobenzene	ND		4.00	4.28		ug/L		107	70 - 130
1,2-Dichloroethane	ND		4.00	4.35		ug/L		109	70 - 130
1,2-Dichloropropane	ND		4.00	4.35		ug/L		109	70 - 130
1,3,5-Trimethylbenzene	ND		4.00	3.06		ug/L		76	70 - 130
1,3-Dichlorobenzene	ND		4.00	4.19		ug/L		105	70 - 130
1,3-Dichloropropane	ND		4.00	3.45		ug/L		86	70 - 130
1,4-Dichlorobenzene	ND		4.00	4.22		ug/L		105	70 - 130
2,2-Dichloropropane	ND		4.00	4.20		ug/L		105	70 - 130
2-Butanone (MEK)	ND		20.0	14.5		ug/L		73	70 - 130
2-Chlorotoluene	ND		4.00	4.12		ug/L		103	70 - 130
2-Hexanone	ND		20.0	14.8		ug/L		74	70 - 130
4-Chlorotoluene	ND		4.00	4.09		ug/L		102	70 - 130
4-Isopropyltoluene	ND		4.00	3.78		ug/L		94	70 - 130
4-Methyl-2-pentanone (MIBK)	ND		20.0	15.9		ug/L		80	70 - 130
Acetone	ND		20.0	16.4		ug/L		82	70 - 130
Benzene	ND		4.00	4.52		ug/L		113	70 - 130
Bromobenzene	ND		4.00	4.11		ug/L		103	70 - 130
Bromochloromethane	ND		4.00	4.90		ug/L		122	70 - 130
Bromoform	ND		4.00	2.72	F1	ug/L		68	70 - 130
Bromomethane	ND		4.00	5.37	F1	ug/L		134	70 - 130
Carbon disulfide	ND		4.00	4.69		ug/L		117	70 - 130
Carbon tetrachloride	ND		4.00	4.81		ug/L		120	70 - 130
Chlorobenzene	ND		4.00	4.31		ug/L		108	70 - 130
Chlorodibromomethane	ND		4.00	3.17		ug/L		79	70 - 130
Chloroethane	ND		4.00	4.79		ug/L		120	70 - 130
Chloroform	ND		4.00	4.72		ug/L		118	70 - 130
Chloromethane	ND		4.00	4.60		ug/L		115	70 - 130
cis-1,3-Dichloropropene	ND		4.00	3.83		ug/L		96	70 - 130
Dibromomethane	ND		4.00	4.27		ug/L		107	70 - 130
Dichlorobromomethane	ND		4.00	3.83		ug/L		96	70 - 130
Dichlorodifluoromethane	ND		4.00	3.54		ug/L		88	70 - 130
Ethylbenzene	ND		4.00	4.04		ug/L		101	70 - 130
Hexachlorobutadiene	ND		4.00	3.95		ug/L		99	70 - 130
Isopropylbenzene	ND		4.00	3.99		ug/L		100	70 - 130
Methyl tert-butyl ether	ND		4.00	3.79		ug/L		95	70 - 130
Methylene Chloride	ND		4.00	4.83		ug/L		121	70 - 130
Naphthalene	ND		4.00	3.31		ug/L		83	70 - 130
n-Butylbenzene	ND		4.00	3.74		ug/L		94	70 - 130
n-Propylbenzene	ND		4.00	3.94		ug/L		99	70 - 130
sec-Butylbenzene	ND		4.00	3.98		ug/L		100	70 - 130
Styrene	ND		4.00	2.77	F1	ug/L		69	70 - 130
tert-Butylbenzene	ND		4.00	3.95		ug/L		99	70 - 130
Tetrachloroethene	ND		4.00	4.18		ug/L		104	70 - 130

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-68365-49 MS
Matrix: Water
Analysis Batch: 206464

Client Sample ID: W-140930-MLR-049
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Toluene	ND		4.00	4.41		ug/L		110	70 - 130
trans-1,2-Dichloroethene	ND		4.00	4.83		ug/L		121	70 - 130
trans-1,3-Dichloropropene	ND		4.00	4.04		ug/L		101	70 - 130
Trichloroethene	ND		4.00	4.19		ug/L		105	70 - 130
Trichlorofluoromethane	ND		4.00	4.53		ug/L		113	70 - 130
Xylenes, Total	ND		8.00	7.64		ug/L		96	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichlorobenzene-d4	*102*		*80 - 120*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*

Lab Sample ID: 480-68365-49 MSD
Matrix: Water
Analysis Batch: 206464

Client Sample ID: W-140930-MLR-049
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethane	ND		4.00	5.26	F1	ug/L		132	70 - 130	5	20
cis-1,2-Dichloroethene	ND		4.00	5.02		ug/L		125	70 - 130	5	20
Vinyl chloride	ND		4.00	4.69		ug/L		117	70 - 130	1	20
Analyte	**Sample Result**	**Sample Qualifier**	**Spike Added**	**MSD Result**	**MSD Qualifier**	**Unit**	**D**	**%Rec**	**%Rec. Limits**	**RPD**	**RPD Limit**
1,1,1,2-Tetrachloroethane	ND		4.00	4.33		ug/L		108	70 - 130	8	20
1,1,1-Trichloroethane	ND		4.00	4.76		ug/L		119	70 - 130	6	20
1,1,2,2-Tetrachloroethane	ND		4.00	3.82		ug/L		96	70 - 130	7	20
1,1,2-Trichloroethane	ND		4.00	3.86		ug/L		96	70 - 130	3	20
1,1-Dichloroethene	ND		4.00	4.97		ug/L		124	70 - 130	3	20
1,1-Dichloropropene	ND		4.00	4.49		ug/L		112	70 - 130	1	20
1,2,3-Trichlorobenzene	ND		4.00	4.02		ug/L		100	70 - 130	4	20
1,2,3-Trichloropropane	ND		4.00	3.68		ug/L		92	70 - 130	4	20
1,2,4-Trichlorobenzene	ND		4.00	3.96		ug/L		99	70 - 130	4	20
1,2,4-Trimethylbenzene	ND		4.00	3.37		ug/L		84	70 - 130	3	20
1,2-Dibromo-3-Chloropropane	ND		4.00	3.42		ug/L		85	70 - 130	1	20
1,2-Dibromoethane	ND		4.00	3.71		ug/L		93	70 - 130	8	20
1,2-Dichlorobenzene	ND		4.00	4.40		ug/L		110	70 - 130	3	20
1,2-Dichloroethane	ND		4.00	4.50		ug/L		112	70 - 130	3	20
1,2-Dichloropropane	ND		4.00	4.36		ug/L		109	70 - 130	0	20
1,3,5-Trimethylbenzene	ND		4.00	3.19		ug/L		80	70 - 130	4	20
1,3-Dichlorobenzene	ND		4.00	4.42		ug/L		110	70 - 130	5	20
1,3-Dichloropropane	ND		4.00	3.71		ug/L		93	70 - 130	7	20
1,4-Dichlorobenzene	ND		4.00	4.34		ug/L		109	70 - 130	3	20
2,2-Dichloropropane	ND		4.00	4.25		ug/L		106	70 - 130	1	20
2-Butanone (MEK)	ND		20.0	15.7		ug/L		78	70 - 130	8	20
2-Chlorotoluene	ND		4.00	4.33		ug/L		108	70 - 130	5	20
2-Hexanone	ND		20.0	15.8		ug/L		79	70 - 130	7	20
4-Chlorotoluene	ND		4.00	4.17		ug/L		104	70 - 130	2	20
4-Isopropyltoluene	ND		4.00	3.83		ug/L		96	70 - 130	1	20
4-Methyl-2-pentanone (MIBK)	ND		20.0	16.3		ug/L		82	70 - 130	2	20
Acetone	ND		20.0	17.5		ug/L		88	70 - 130	6	20

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-68365-49 MSD — **Client Sample ID: W-140930-MLR-049**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 206464

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	ND		4.00	4.54		ug/L		114	70 - 130	0	20
Bromobenzene	ND		4.00	4.39		ug/L		110	70 - 130	6	20
Bromochloromethane	ND		4.00	5.21		ug/L		130	70 - 130	6	20
Bromoform	ND		4.00	2.94		ug/L		73	70 - 130	8	20
Bromomethane	ND		4.00	6.50	F1	ug/L		162	70 - 130	19	20
Carbon disulfide	ND		4.00	4.95		ug/L		124	70 - 130	5	20
Carbon tetrachloride	ND		4.00	4.90		ug/L		122	70 - 130	2	20
Chlorobenzene	ND		4.00	4.54		ug/L		113	70 - 130	5	20
Chlorodibromomethane	ND		4.00	3.40		ug/L		85	70 - 130	7	20
Chloroethane	ND		4.00	4.91		ug/L		123	70 - 130	2	20
Chloroform	ND		4.00	4.90		ug/L		122	70 - 130	4	20
Chloromethane	ND		4.00	4.63		ug/L		116	70 - 130	1	20
cis-1,3-Dichloropropene	ND		4.00	3.81		ug/L		95	70 - 130	0	20
Dibromomethane	ND		4.00	4.29		ug/L		107	70 - 130	1	20
Dichlorobromomethane	ND		4.00	3.84		ug/L		96	70 - 130	0	20
Dichlorodifluoromethane	ND		4.00	3.33		ug/L		83	70 - 130	6	20
Ethylbenzene	ND		4.00	4.37		ug/L		109	70 - 130	8	20
Hexachlorobutadiene	ND		4.00	4.03		ug/L		101	70 - 130	2	20
Isopropylbenzene	ND		4.00	4.29		ug/L		107	70 - 130	7	20
Methyl tert-butyl ether	ND		4.00	3.87		ug/L		97	70 - 130	2	20
Methylene Chloride	ND		4.00	5.12		ug/L		128	70 - 130	6	20
Naphthalene	ND		4.00	3.49		ug/L		87	70 - 130	6	20
n-Butylbenzene	ND		4.00	3.78		ug/L		95	70 - 130	1	20
n-Propylbenzene	ND		4.00	4.13		ug/L		103	70 - 130	5	20
sec-Butylbenzene	ND		4.00	4.10		ug/L		103	70 - 130	3	20
Styrene	ND		4.00	2.95		ug/L		74	70 - 130	6	20
tert-Butylbenzene	ND		4.00	4.11		ug/L		103	70 - 130	4	20
Tetrachloroethene	ND		4.00	4.46		ug/L		112	70 - 130	7	20
Toluene	ND		4.00	4.53		ug/L		113	70 - 130	3	20
trans-1,2-Dichloroethene	ND		4.00	5.23	F1	ug/L		131	70 - 130	8	20
trans-1,3-Dichloropropene	ND		4.00	4.03		ug/L		101	70 - 130	0	20
Trichloroethene	ND		4.00	4.23		ug/L		106	70 - 130	1	20
Trichlorofluoromethane	ND		4.00	4.71		ug/L		118	70 - 130	4	20
Xylenes, Total	ND		8.00	8.29		ug/L		104	70 - 130	8	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichlorobenzene-d4	*99*		*80 - 120*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 480-207162/4 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207162

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	0.50	mg/L			10/11/14 12:06	1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 480-207162/3 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207162

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	20.0	20.13		mg/L		101	90 - 110

Lab Sample ID: 480-68365-8 MS — **Client Sample ID: W-140929-MLR-008**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207162

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	70.8		25.0	99.08	F1	mg/L		113	90 - 110

Lab Sample ID: 480-68365-9 MS — **Client Sample ID: W-140929-MLR-009**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207162

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	23.9		25.0	53.63	F1	mg/L		119	90 - 110

Lab Sample ID: 480-68365-9 MSD — **Client Sample ID: W-140929-MLR-009**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207162

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	23.9		25.0	53.65	F1	mg/L		119	90 - 110	0	20

Lab Sample ID: MB 480-207164/4 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207164

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	0.50	mg/L			10/11/14 21:45	1

Lab Sample ID: LCS 480-207164/3 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207164

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	20.0	19.89		mg/L		99	90 - 110

Lab Sample ID: 480-68365-27 MS — **Client Sample ID: W-140929-MLR-027**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207164

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	16.5		25.0	42.21		mg/L		103	90 - 110

Lab Sample ID: 480-68365-38 MS — **Client Sample ID: W-140930-MLR-038**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207164

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	8.0		25.0	34.29		mg/L		105	90 - 110

QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-68365-1

Lab Sample ID: MB 480-207166/4 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207166

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	0.50	mg/L			10/11/14 16:42	1

Lab Sample ID: LCS 480-207166/3 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207166

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride			20.0	19.50		mg/L		97	90 - 110		

Lab Sample ID: 480-68365-37 MS — **Client Sample ID: W-140930-MLR-037**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207166

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	54.6		25.0	79.09		mg/L		98	90 - 110		

Lab Sample ID: 480-68365-37 MSD — **Client Sample ID: W-140930-MLR-037**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207166

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	54.6		25.0	79.14		mg/L		98	90 - 110	0	20

Lab Sample ID: 480-68365-54 MS — **Client Sample ID: W-140930-MLR-054**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207166

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	20.8		25.0	47.04		mg/L		105	90 - 110		

QC Association Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-68365-1

GC/MS VOA

Analysis Batch: 206086

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-68365-1	W-140929-MLR-001	Total/NA	Water	524.2	
480-68365-9	W-140929-MLR-009	Total/NA	Water	524.2	
480-68365-9 MS	W-140929-MLR-009	Total/NA	Water	524.2	
480-68365-9 MSD	W-140929-MLR-009	Total/NA	Water	524.2	
LCS 480-206086/4	Lab Control Sample	Total/NA	Water	524.2	
MB 480-206086/5	Method Blank	Total/NA	Water	524.2	

Analysis Batch: 206169

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-68365-2	W-140929-MLR-002	Total/NA	Water	524.2	
480-68365-2 MS	W-140929-MLR-002	Total/NA	Water	524.2	
480-68365-2 MSD	W-140929-MLR-002	Total/NA	Water	524.2	
480-68365-3	W-140929-MLR-003	Total/NA	Water	524.2	
480-68365-4	W-140929-MLR-004	Total/NA	Water	524.2	
480-68365-5	W-140929-MLR-005	Total/NA	Water	524.2	
480-68365-6	W-140929-MLR-006	Total/NA	Water	524.2	
480-68365-7	W-140929-MLR-007	Total/NA	Water	524.2	
480-68365-8	W-140929-MLR-008	Total/NA	Water	524.2	
480-68365-10	W-140929-MLR-010	Total/NA	Water	524.2	
480-68365-11	W-140929-MLR-011	Total/NA	Water	524.2	
480-68365-12	W-140929-MLR-012	Total/NA	Water	524.2	
480-68365-13	W-140929-MLR-013	Total/NA	Water	524.2	
480-68365-14	W-140929-MLR-014	Total/NA	Water	524.2	
480-68365-15	W-140929-MLR-015	Total/NA	Water	524.2	
480-68365-16	W-140929-MLR-016	Total/NA	Water	524.2	
LCS 480-206169/4	Lab Control Sample	Total/NA	Water	524.2	
MB 480-206169/5	Method Blank	Total/NA	Water	524.2	

Analysis Batch: 206280

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-68365-17	W-140929-MLR-017	Total/NA	Water	524.2	
480-68365-18	W-140929-MLR-018	Total/NA	Water	524.2	
480-68365-19	W-140929-MLR-019	Total/NA	Water	524.2	
480-68365-20	W-140929-MLR-020	Total/NA	Water	524.2	
480-68365-21	W-140929-MLR-021	Total/NA	Water	524.2	
480-68365-22	W-140929-MLR-022	Total/NA	Water	524.2	
480-68365-23	W-140929-MLR-023	Total/NA	Water	524.2	
480-68365-24	W-140929-MLR-024	Total/NA	Water	524.2	
480-68365-25	W-140929-MLR-025	Total/NA	Water	524.2	
480-68365-26	W-140929-MLR-026	Total/NA	Water	524.2	
480-68365-27	W-140929-MLR-027	Total/NA	Water	524.2	
480-68365-28	W-140929-MLR-028	Total/NA	Water	524.2	
480-68365-29	W-140929-MLR-029	Total/NA	Water	524.2	
480-68365-30	W-140929-MLR-030	Total/NA	Water	524.2	
480-68365-31	W-140929-MLR-031	Total/NA	Water	524.2	
480-68365-37	W-140930-MLR-037	Total/NA	Water	524.2	
480-68365-37 MS	W-140930-MLR-037	Total/NA	Water	524.2	
480-68365-37 MSD	W-140930-MLR-037	Total/NA	Water	524.2	
LCS 480-206280/3	Lab Control Sample	Total/NA	Water	524.2	
MB 480-206280/4	Method Blank	Total/NA	Water	524.2	

GC/MS VOA (Continued)

Analysis Batch: 206371

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-68365-32	W-140929-MLR-032	Total/NA	Water	524.2	
480-68365-32 MS	W-140929-MLR-032	Total/NA	Water	524.2	
480-68365-32 MSD	W-140929-MLR-032	Total/NA	Water	524.2	
480-68365-33	W-140929-MLR-033	Total/NA	Water	524.2	
480-68365-34	W-140929-MLR-034	Total/NA	Water	524.2	
480-68365-35	W-140929-MLR-035	Total/NA	Water	524.2	
480-68365-36	W-140929-MLR-036	Total/NA	Water	524.2	
480-68365-38	W-140930-MLR-038	Total/NA	Water	524.2	
480-68365-39	W-140930-MLR-039	Total/NA	Water	524.2	
480-68365-40	W-140930-MLR-040	Total/NA	Water	524.2	
480-68365-41	W-140930-MLR-041	Total/NA	Water	524.2	
480-68365-42	W-140930-MLR-042	Total/NA	Water	524.2	
480-68365-43	W-140930-MLR-043	Total/NA	Water	524.2	
480-68365-44	W-140930-MLR-044	Total/NA	Water	524.2	
480-68365-45	W-140930-MLR-045	Total/NA	Water	524.2	
480-68365-46	W-140930-MLR-046	Total/NA	Water	524.2	
480-68365-47	W-140930-MLR-047	Total/NA	Water	524.2	
480-68365-48	W-140930-MLR-048	Total/NA	Water	524.2	
LCS 480-206371/3	Lab Control Sample	Total/NA	Water	524.2	
MB 480-206371/4	Method Blank	Total/NA	Water	524.2	

Analysis Batch: 206464

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-68365-49	W-140930-MLR-049	Total/NA	Water	524.2	
480-68365-49 MS	W-140930-MLR-049	Total/NA	Water	524.2	
480-68365-49 MSD	W-140930-MLR-049	Total/NA	Water	524.2	
480-68365-50	W-140930-MLR-050	Total/NA	Water	524.2	
480-68365-51	W-140930-MLR-051	Total/NA	Water	524.2	
480-68365-52	W-140930-MLR-052	Total/NA	Water	524.2	
480-68365-53	W-140930-MLR-053	Total/NA	Water	524.2	
480-68365-54	W-140930-MLR-054	Total/NA	Water	524.2	
480-68365-55	TRIP BLANK	Total/NA	Water	524.2	
LCS 480-206464/3	Lab Control Sample	Total/NA	Water	524.2	
MB 480-206464/4	Method Blank	Total/NA	Water	524.2	

General Chemistry

Analysis Batch: 207162

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-68365-1	W-140929-MLR-001	Total/NA	Water	300.0	
480-68365-2	W-140929-MLR-002	Total/NA	Water	300.0	
480-68365-3	W-140929-MLR-003	Total/NA	Water	300.0	
480-68365-4	W-140929-MLR-004	Total/NA	Water	300.0	
480-68365-5	W-140929-MLR-005	Total/NA	Water	300.0	
480-68365-6	W-140929-MLR-006	Total/NA	Water	300.0	
480-68365-7	W-140929-MLR-007	Total/NA	Water	300.0	
480-68365-8	W-140929-MLR-008	Total/NA	Water	300.0	
480-68365-8 MS	W-140929-MLR-008	Total/NA	Water	300.0	
480-68365-9	W-140929-MLR-009	Total/NA	Water	300.0	
480-68365-9 MS	W-140929-MLR-009	Total/NA	Water	300.0	

General Chemistry (Continued)

Analysis Batch: 207162 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-68365-9 MSD	W-140929-MLR-009	Total/NA	Water	300.0	
480-68365-10	W-140929-MLR-010	Total/NA	Water	300.0	
480-68365-11	W-140929-MLR-011	Total/NA	Water	300.0	
480-68365-12	W-140929-MLR-012	Total/NA	Water	300.0	
480-68365-13	W-140929-MLR-013	Total/NA	Water	300.0	
480-68365-14	W-140929-MLR-014	Total/NA	Water	300.0	
480-68365-15	W-140929-MLR-015	Total/NA	Water	300.0	
480-68365-16	W-140929-MLR-016	Total/NA	Water	300.0	
480-68365-17	W-140929-MLR-017	Total/NA	Water	300.0	
LCS 480-207162/3	Lab Control Sample	Total/NA	Water	300.0	
MB 480-207162/4	Method Blank	Total/NA	Water	300.0	

Analysis Batch: 207164

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-68365-18	W-140929-MLR-018	Total/NA	Water	300.0	
480-68365-19	W-140929-MLR-019	Total/NA	Water	300.0	
480-68365-20	W-140929-MLR-020	Total/NA	Water	300.0	
480-68365-21	W-140929-MLR-021	Total/NA	Water	300.0	
480-68365-22	W-140929-MLR-022	Total/NA	Water	300.0	
480-68365-23	W-140929-MLR-023	Total/NA	Water	300.0	
480-68365-24	W-140929-MLR-024	Total/NA	Water	300.0	
480-68365-25	W-140929-MLR-025	Total/NA	Water	300.0	
480-68365-26	W-140929-MLR-026	Total/NA	Water	300.0	
480-68365-27	W-140929-MLR-027	Total/NA	Water	300.0	
480-68365-27 MS	W-140929-MLR-027	Total/NA	Water	300.0	
480-68365-28	W-140929-MLR-028	Total/NA	Water	300.0	
480-68365-29	W-140929-MLR-029	Total/NA	Water	300.0	
480-68365-30	W-140929-MLR-030	Total/NA	Water	300.0	
480-68365-31	W-140929-MLR-031	Total/NA	Water	300.0	
480-68365-32	W-140929-MLR-032	Total/NA	Water	300.0	
480-68365-33	W-140929-MLR-033	Total/NA	Water	300.0	
480-68365-34	W-140929-MLR-034	Total/NA	Water	300.0	
480-68365-35	W-140929-MLR-035	Total/NA	Water	300.0	
480-68365-36	W-140929-MLR-036	Total/NA	Water	300.0	
480-68365-38	W-140930-MLR-038	Total/NA	Water	300.0	
480-68365-38 MS	W-140930-MLR-038	Total/NA	Water	300.0	
LCS 480-207164/3	Lab Control Sample	Total/NA	Water	300.0	
MB 480-207164/4	Method Blank	Total/NA	Water	300.0	

Analysis Batch: 207166

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-68365-37	W-140930-MLR-037	Total/NA	Water	300.0	
480-68365-37 MS	W-140930-MLR-037	Total/NA	Water	300.0	
480-68365-37 MSD	W-140930-MLR-037	Total/NA	Water	300.0	
480-68365-39	W-140930-MLR-039	Total/NA	Water	300.0	
480-68365-40	W-140930-MLR-040	Total/NA	Water	300.0	
480-68365-41	W-140930-MLR-041	Total/NA	Water	300.0	
480-68365-42	W-140930-MLR-042	Total/NA	Water	300.0	
480-68365-43	W-140930-MLR-043	Total/NA	Water	300.0	
480-68365-44	W-140930-MLR-044	Total/NA	Water	300.0	
480-68365-45	W-140930-MLR-045	Total/NA	Water	300.0	

General Chemistry (Continued)

Analysis Batch: 207166 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-68365-46	W-140930-MLR-046	Total/NA	Water	300.0	
480-68365-47	W-140930-MLR-047	Total/NA	Water	300.0	
480-68365-48	W-140930-MLR-048	Total/NA	Water	300.0	
480-68365-49	W-140930-MLR-049	Total/NA	Water	300.0	
480-68365-50	W-140930-MLR-050	Total/NA	Water	300.0	
480-68365-51	W-140930-MLR-051	Total/NA	Water	300.0	
480-68365-52	W-140930-MLR-052	Total/NA	Water	300.0	
480-68365-53	W-140930-MLR-053	Total/NA	Water	300.0	
480-68365-54	W-140930-MLR-054	Total/NA	Water	300.0	
480-68365-54 MS	W-140930-MLR-054	Total/NA	Water	300.0	
LCS 480-207166/3	Lab Control Sample	Total/NA	Water	300.0	
MB 480-207166/4	Method Blank	Total/NA	Water	300.0	

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-68365-1

Client Sample ID: W-140929-MLR-001 — Lab Sample ID: 480-68365-1

Date Collected: 09/29/14 10:57 — **Matrix: Water**
Date Received: 10/01/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	206086	10/06/14 04:54	RAS	TAL BUF
Total/NA	Analysis	300.0		1	207162	10/11/14 16:26	NDB	TAL BUF

Client Sample ID: W-140929-MLR-002 — Lab Sample ID: 480-68365-2

Date Collected: 09/29/14 10:59 — **Matrix: Water**
Date Received: 10/01/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	206169	10/06/14 15:48	CDC	TAL BUF
Total/NA	Analysis	300.0		1	207162	10/11/14 16:36	NDB	TAL BUF

Client Sample ID: W-140929-MLR-003 — Lab Sample ID: 480-68365-3

Date Collected: 09/29/14 11:04 — **Matrix: Water**
Date Received: 10/01/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	206169	10/06/14 16:15	CDC	TAL BUF
Total/NA	Analysis	300.0		1	207162	10/11/14 16:46	NDB	TAL BUF

Client Sample ID: W-140929-MLR-004 — Lab Sample ID: 480-68365-4

Date Collected: 09/29/14 11:07 — **Matrix: Water**
Date Received: 10/01/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	206169	10/06/14 16:42	CDC	TAL BUF
Total/NA	Analysis	300.0		1	207162	10/11/14 16:56	NDB	TAL BUF

Client Sample ID: W-140929-MLR-005 — Lab Sample ID: 480-68365-5

Date Collected: 09/29/14 11:37 — **Matrix: Water**
Date Received: 10/01/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	206169	10/06/14 17:09	CDC	TAL BUF
Total/NA	Analysis	300.0		1	207162	10/11/14 17:06	NDB	TAL BUF

Client Sample ID: W-140929-MLR-006 — Lab Sample ID: 480-68365-6

Date Collected: 09/29/14 11:32 — **Matrix: Water**
Date Received: 10/01/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	206169	10/06/14 17:36	CDC	TAL BUF

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-68365-1

Client Sample ID: W-140929-MLR-006 — Lab Sample ID: 480-68365-6

Date Collected: 09/29/14 11:32 — **Matrix: Water**
Date Received: 10/01/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	207162	10/11/14 17:16	NDB	TAL BUF

Client Sample ID: W-140929-MLR-007 — Lab Sample ID: 480-68365-7

Date Collected: 09/29/14 11:42 — **Matrix: Water**
Date Received: 10/01/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	206169	10/06/14 18:02	CDC	TAL BUF
Total/NA	Analysis	300.0		1	207162	10/11/14 17:27	NDB	TAL BUF

Client Sample ID: W-140929-MLR-008 — Lab Sample ID: 480-68365-8

Date Collected: 09/29/14 11:47 — **Matrix: Water**
Date Received: 10/01/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	206169	10/06/14 18:29	CDC	TAL BUF
Total/NA	Analysis	300.0		1	207162	10/11/14 17:37	NDB	TAL BUF

Client Sample ID: W-140929-MLR-009 — Lab Sample ID: 480-68365-9

Date Collected: 09/29/14 12:16 — **Matrix: Water**
Date Received: 10/01/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	206086	10/06/14 05:21	RAS	TAL BUF
Total/NA	Analysis	300.0		1	207162	10/11/14 18:17	NDB	TAL BUF

Client Sample ID: W-140929-MLR-010 — Lab Sample ID: 480-68365-10

Date Collected: 09/29/14 12:17 — **Matrix: Water**
Date Received: 10/01/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	206169	10/06/14 18:56	CDC	TAL BUF
Total/NA	Analysis	300.0		1	207162	10/11/14 18:48	NDB	TAL BUF

Client Sample ID: W-140929-MLR-011 — Lab Sample ID: 480-68365-11

Date Collected: 09/29/14 12:22 — **Matrix: Water**
Date Received: 10/01/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	206169	10/06/14 19:23	CDC	TAL BUF
Total/NA	Analysis	300.0		1	207162	10/11/14 18:58	NDB	TAL BUF

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-68365-1

Client Sample ID: W-140929-MLR-012 — Lab Sample ID: 480-68365-12

Date Collected: 09/29/14 13:04 — **Matrix: Water**
Date Received: 10/01/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	206169	10/06/14 19:49	CDC	TAL BUF
Total/NA	Analysis	300.0		1	207162	10/11/14 19:08	NDB	TAL BUF

Client Sample ID: W-140929-MLR-013 — Lab Sample ID: 480-68365-13

Date Collected: 09/29/14 13:08 — **Matrix: Water**
Date Received: 10/01/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	206169	10/06/14 20:16	CDC	TAL BUF
Total/NA	Analysis	300.0		1	207162	10/11/14 19:18	NDB	TAL BUF

Client Sample ID: W-140929-MLR-014 — Lab Sample ID: 480-68365-14

Date Collected: 09/29/14 13:15 — **Matrix: Water**
Date Received: 10/01/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	206169	10/06/14 20:43	CDC	TAL BUF
Total/NA	Analysis	300.0		1	207162	10/11/14 19:28	NDB	TAL BUF

Client Sample ID: W-140929-MLR-015 — Lab Sample ID: 480-68365-15

Date Collected: 09/29/14 13:23 — **Matrix: Water**
Date Received: 10/01/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	206169	10/06/14 21:10	CDC	TAL BUF
Total/NA	Analysis	300.0		1	207162	10/11/14 19:38	NDB	TAL BUF

Client Sample ID: W-140929-MLR-016 — Lab Sample ID: 480-68365-16

Date Collected: 09/29/14 13:24 — **Matrix: Water**
Date Received: 10/01/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	206169	10/06/14 21:36	CDC	TAL BUF
Total/NA	Analysis	300.0		1	207162	10/11/14 19:48	NDB	TAL BUF

Client Sample ID: W-140929-MLR-017 — Lab Sample ID: 480-68365-17

Date Collected: 09/29/14 13:50 — **Matrix: Water**
Date Received: 10/01/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	206280	10/07/14 02:02	RAS	TAL BUF

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-68365-1

Client Sample ID: W-140929-MLR-017 — Lab Sample ID: 480-68365-17

Date Collected: 09/29/14 13:50 — **Matrix: Water**
Date Received: 10/01/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	207162	10/11/14 19:59	NDB	TAL BUF

Client Sample ID: W-140929-MLR-018 — Lab Sample ID: 480-68365-18

Date Collected: 09/29/14 13:53 — **Matrix: Water**
Date Received: 10/01/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	206280	10/07/14 02:29	RAS	TAL BUF
Total/NA	Analysis	300.0		1	207164	10/11/14 21:56	NDB	TAL BUF

Client Sample ID: W-140929-MLR-019 — Lab Sample ID: 480-68365-19

Date Collected: 09/29/14 14:00 — **Matrix: Water**
Date Received: 10/01/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	206280	10/07/14 02:56	RAS	TAL BUF
Total/NA	Analysis	300.0		1	207164	10/11/14 22:06	NDB	TAL BUF

Client Sample ID: W-140929-MLR-020 — Lab Sample ID: 480-68365-20

Date Collected: 09/29/14 14:02 — **Matrix: Water**
Date Received: 10/01/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	206280	10/07/14 03:23	RAS	TAL BUF
Total/NA	Analysis	300.0		1	207164	10/11/14 22:16	NDB	TAL BUF

Client Sample ID: W-140929-MLR-021 — Lab Sample ID: 480-68365-21

Date Collected: 09/29/14 14:02 — **Matrix: Water**
Date Received: 10/01/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	206280	10/07/14 03:50	RAS	TAL BUF
Total/NA	Analysis	300.0		1	207164	10/11/14 22:26	NDB	TAL BUF

Client Sample ID: W-140929-MLR-022 — Lab Sample ID: 480-68365-22

Date Collected: 09/29/14 14:33 — **Matrix: Water**
Date Received: 10/01/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	206280	10/07/14 04:16	RAS	TAL BUF
Total/NA	Analysis	300.0		1	207164	10/11/14 22:36	NDB	TAL BUF

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-68365-1

Client Sample ID: W-140929-MLR-023 — Lab Sample ID: 480-68365-23

Date Collected: 09/29/14 14:36 — **Matrix: Water**
Date Received: 10/01/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	206280	10/07/14 04:44	RAS	TAL BUF
Total/NA	Analysis	300.0		1	207164	10/11/14 22:46	NDB	TAL BUF

Client Sample ID: W-140929-MLR-024 — Lab Sample ID: 480-68365-24

Date Collected: 09/29/14 14:40 — **Matrix: Water**
Date Received: 10/01/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	206280	10/07/14 05:11	RAS	TAL BUF
Total/NA	Analysis	300.0		1	207164	10/11/14 22:56	NDB	TAL BUF

Client Sample ID: W-140929-MLR-025 — Lab Sample ID: 480-68365-25

Date Collected: 09/29/14 14:44 — **Matrix: Water**
Date Received: 10/01/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	206280	10/07/14 05:37	RAS	TAL BUF
Total/NA	Analysis	300.0		1	207164	10/11/14 23:06	NDB	TAL BUF

Client Sample ID: W-140929-MLR-026 — Lab Sample ID: 480-68365-26

Date Collected: 09/29/14 15:15 — **Matrix: Water**
Date Received: 10/01/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	206280	10/07/14 06:04	RAS	TAL BUF
Total/NA	Analysis	300.0		1	207164	10/11/14 23:17	NDB	TAL BUF

Client Sample ID: W-140929-MLR-027 — Lab Sample ID: 480-68365-27

Date Collected: 09/29/14 15:16 — **Matrix: Water**
Date Received: 10/01/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	206280	10/07/14 06:31	RAS	TAL BUF
Total/NA	Analysis	300.0		1	207164	10/11/14 23:27	NDB	TAL BUF

Client Sample ID: W-140929-MLR-028 — Lab Sample ID: 480-68365-28

Date Collected: 09/29/14 15:18 — **Matrix: Water**
Date Received: 10/01/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	206280	10/07/14 06:58	RAS	TAL BUF

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-68365-1

Client Sample ID: W-140929-MLR-028 — Lab Sample ID: 480-68365-28

Date Collected: 09/29/14 15:18 — **Matrix: Water**
Date Received: 10/01/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	207164	10/12/14 00:07	NDB	TAL BUF

Client Sample ID: W-140929-MLR-029 — Lab Sample ID: 480-68365-29

Date Collected: 09/29/14 15:22 — **Matrix: Water**
Date Received: 10/01/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	206280	10/07/14 07:24	RAS	TAL BUF
Total/NA	Analysis	300.0		1	207164	10/12/14 00:17	NDB	TAL BUF

Client Sample ID: W-140929-MLR-030 — Lab Sample ID: 480-68365-30

Date Collected: 09/29/14 15:58 — **Matrix: Water**
Date Received: 10/01/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	206280	10/07/14 07:51	RAS	TAL BUF
Total/NA	Analysis	300.0		1	207164	10/12/14 00:27	NDB	TAL BUF

Client Sample ID: W-140929-MLR-031 — Lab Sample ID: 480-68365-31

Date Collected: 09/29/14 16:04 — **Matrix: Water**
Date Received: 10/01/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	206280	10/07/14 08:18	RAS	TAL BUF
Total/NA	Analysis	300.0		1	207164	10/12/14 00:38	NDB	TAL BUF

Client Sample ID: W-140929-MLR-032 — Lab Sample ID: 480-68365-32

Date Collected: 09/29/14 16:23 — **Matrix: Water**
Date Received: 10/01/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	206371	10/07/14 13:35	CDC	TAL BUF
Total/NA	Analysis	300.0		1	207164	10/12/14 00:48	NDB	TAL BUF

Client Sample ID: W-140929-MLR-033 — Lab Sample ID: 480-68365-33

Date Collected: 09/29/14 16:30 — **Matrix: Water**
Date Received: 10/01/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	206371	10/07/14 14:02	CDC	TAL BUF
Total/NA	Analysis	300.0		1	207164	10/12/14 00:58	NDB	TAL BUF

Client Sample ID: W-140929-MLR-034 — Lab Sample ID: 480-68365-34

Date Collected: 09/29/14 16:33 — **Matrix: Water**
Date Received: 10/01/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	206371	10/07/14 14:29	CDC	TAL BUF
Total/NA	Analysis	300.0		1	207164	10/12/14 01:08	NDB	TAL BUF

Client Sample ID: W-140929-MLR-035 — Lab Sample ID: 480-68365-35

Date Collected: 09/29/14 16:37 — **Matrix: Water**
Date Received: 10/01/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	206371	10/07/14 14:56	CDC	TAL BUF
Total/NA	Analysis	300.0		1	207164	10/12/14 01:18	NDB	TAL BUF

Client Sample ID: W-140929-MLR-036 — Lab Sample ID: 480-68365-36

Date Collected: 09/29/14 16:39 — **Matrix: Water**
Date Received: 10/01/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	206371	10/07/14 15:23	CDC	TAL BUF
Total/NA	Analysis	300.0		1	207164	10/12/14 01:28	NDB	TAL BUF

Client Sample ID: W-140930-MLR-037 — Lab Sample ID: 480-68365-37

Date Collected: 09/30/14 09:25 — **Matrix: Water**
Date Received: 10/01/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	206280	10/07/14 08:45	RAS	TAL BUF
Total/NA	Analysis	300.0		1	207166	10/11/14 16:52	NDB	TAL BUF

Client Sample ID: W-140930-MLR-038 — Lab Sample ID: 480-68365-38

Date Collected: 09/30/14 09:33 — **Matrix: Water**
Date Received: 10/01/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	206371	10/07/14 15:49	CDC	TAL BUF
Total/NA	Analysis	300.0		1	207164	10/12/14 01:38	NDB	TAL BUF

Client Sample ID: W-140930-MLR-039 — Lab Sample ID: 480-68365-39

Date Collected: 09/30/14 10:05 — **Matrix: Water**
Date Received: 10/01/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	206371	10/07/14 16:16	CDC	TAL BUF

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-68365-1

Client Sample ID: W-140930-MLR-039 — Lab Sample ID: 480-68365-39

Date Collected: 09/30/14 10:05 — **Matrix: Water**
Date Received: 10/01/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	207166	10/11/14 17:22	NDB	TAL BUF

Client Sample ID: W-140930-MLR-040 — Lab Sample ID: 480-68365-40

Date Collected: 09/30/14 10:06 — **Matrix: Water**
Date Received: 10/01/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	206371	10/07/14 16:43	CDC	TAL BUF
Total/NA	Analysis	300.0		1	207166	10/11/14 17:32	NDB	TAL BUF

Client Sample ID: W-140930-MLR-041 — Lab Sample ID: 480-68365-41

Date Collected: 09/30/14 10:08 — **Matrix: Water**
Date Received: 10/01/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	206371	10/07/14 17:09	CDC	TAL BUF
Total/NA	Analysis	300.0		1	207166	10/11/14 17:42	NDB	TAL BUF

Client Sample ID: W-140930-MLR-042 — Lab Sample ID: 480-68365-42

Date Collected: 09/30/14 10:12 — **Matrix: Water**
Date Received: 10/01/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	206371	10/07/14 17:37	CDC	TAL BUF
Total/NA	Analysis	300.0		1	207166	10/11/14 17:52	NDB	TAL BUF

Client Sample ID: W-140930-MLR-043 — Lab Sample ID: 480-68365-43

Date Collected: 09/30/14 10:45 — **Matrix: Water**
Date Received: 10/01/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	206371	10/07/14 18:04	CDC	TAL BUF
Total/NA	Analysis	300.0		1	207166	10/11/14 18:03	NDB	TAL BUF

Client Sample ID: W-140930-MLR-044 — Lab Sample ID: 480-68365-44

Date Collected: 09/30/14 10:50 — **Matrix: Water**
Date Received: 10/01/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	206371	10/07/14 18:30	CDC	TAL BUF
Total/NA	Analysis	300.0		1	207166	10/11/14 18:13	NDB	TAL BUF

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-68365-1

Client Sample ID: W-140930-MLR-045 — Lab Sample ID: 480-68365-45

Date Collected: 09/30/14 11:02 — **Matrix: Water**
Date Received: 10/01/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	206371	10/07/14 18:57	CDC	TAL BUF
Total/NA	Analysis	300.0		1	207166	10/11/14 18:23	NDB	TAL BUF

Client Sample ID: W-140930-MLR-046 — Lab Sample ID: 480-68365-46

Date Collected: 09/30/14 11:04 — **Matrix: Water**
Date Received: 10/01/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	206371	10/07/14 19:24	CDC	TAL BUF
Total/NA	Analysis	300.0		1	207166	10/11/14 18:33	NDB	TAL BUF

Client Sample ID: W-140930-MLR-047 — Lab Sample ID: 480-68365-47

Date Collected: 09/30/14 11:30 — **Matrix: Water**
Date Received: 10/01/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	206371	10/07/14 19:51	CDC	TAL BUF
Total/NA	Analysis	300.0		1	207166	10/11/14 19:03	NDB	TAL BUF

Client Sample ID: W-140930-MLR-048 — Lab Sample ID: 480-68365-48

Date Collected: 09/30/14 11:35 — **Matrix: Water**
Date Received: 10/01/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	206371	10/07/14 20:18	CDC	TAL BUF
Total/NA	Analysis	300.0		1	207166	10/11/14 19:14	NDB	TAL BUF

Client Sample ID: W-140930-MLR-049 — Lab Sample ID: 480-68365-49

Date Collected: 09/30/14 11:45 — **Matrix: Water**
Date Received: 10/01/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	206464	10/08/14 00:12	RAS	TAL BUF
Total/NA	Analysis	300.0		1	207166	10/11/14 19:24	NDB	TAL BUF

Client Sample ID: W-140930-MLR-050 — Lab Sample ID: 480-68365-50

Date Collected: 09/30/14 12:15 — **Matrix: Water**
Date Received: 10/01/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	206464	10/08/14 00:39	RAS	TAL BUF

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-68365-1

Client Sample ID: W-140930-MLR-050 — Lab Sample ID: 480-68365-50

Date Collected: 09/30/14 12:15 — **Matrix: Water**
Date Received: 10/01/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	207166	10/11/14 19:34	NDB	TAL BUF

Client Sample ID: W-140930-MLR-051 — Lab Sample ID: 480-68365-51

Date Collected: 09/30/14 12:23 — **Matrix: Water**
Date Received: 10/01/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	206464	10/08/14 01:05	RAS	TAL BUF
Total/NA	Analysis	300.0		1	207166	10/11/14 19:44	NDB	TAL BUF

Client Sample ID: W-140930-MLR-052 — Lab Sample ID: 480-68365-52

Date Collected: 09/30/14 12:25 — **Matrix: Water**
Date Received: 10/01/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	206464	10/08/14 01:32	RAS	TAL BUF
Total/NA	Analysis	300.0		1	207166	10/11/14 19:54	NDB	TAL BUF

Client Sample ID: W-140930-MLR-053 — Lab Sample ID: 480-68365-53

Date Collected: 09/30/14 12:58 — **Matrix: Water**
Date Received: 10/01/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	206464	10/08/14 01:59	RAS	TAL BUF
Total/NA	Analysis	300.0		1	207166	10/11/14 20:04	NDB	TAL BUF

Client Sample ID: W-140930-MLR-054 — Lab Sample ID: 480-68365-54

Date Collected: 09/30/14 12:51 — **Matrix: Water**
Date Received: 10/01/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	206464	10/08/14 02:26	RAS	TAL BUF
Total/NA	Analysis	300.0		1	207166	10/11/14 20:14	NDB	TAL BUF

Client Sample ID: TRIP BLANK — Lab Sample ID: 480-68365-55

Date Collected: 09/30/14 00:00 — **Matrix: Water**
Date Received: 10/01/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	206464	10/08/14 02:53	RAS	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Certification Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-68365-1

Laboratory: TestAmerica Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
Minnesota	NELAP	5	036-999-337	12-31-14

The following analytes are included in this report, but are not certified under this certification:

Analysis Method	Prep Method	Matrix	Analyte
524.2		Water	Dibromomethane
524.2		Water	Naphthalene

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
524.2		Water	1,1,2-Trichloro-1,2,2-trifluoroethane
524.2		Water	1,2-Dibromo-3-Chloropropane
524.2		Water	1,2-Dibromoethane
524.2		Water	1,3-Dichloropropane
524.2		Water	2-Butanone (MEK)
524.2		Water	2-Hexanone
524.2		Water	4-Isopropyltoluene
524.2		Water	4-Methyl-2-pentanone (MIBK)
524.2		Water	Acetone
524.2		Water	Acrylonitrile
524.2		Water	Allyl chloride
524.2		Water	Carbon disulfide
524.2		Water	Dichlorofluoromethane
524.2		Water	Ethyl ether
524.2		Water	Iodomethane
524.2		Water	m-Xylene & p-Xylene
524.2		Water	o-Xylene
524.2		Water	t-Butanol
524.2		Water	trans-1,4-Dichloro-2-butene
524.2		Water	Vinyl acetate

Method Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-68365-1

Method	Method Description	Protocol	Laboratory
524.2	Volatile Organic Compounds (GC/MS)	EPA-DW	TAL BUF
300.0	Anions, Ion Chromatography	MCAWW	TAL BUF

Protocol References:

EPA-DW = "Methods For The Determination Of Organic Compounds In Drinking Water", EPA/600/4-88/039, December 1988 And Its Supplements.

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-68365-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-68365-1	W-140929-MLR-001	Water	09/29/14 10:57	10/01/14 09:00
480-68365-2	W-140929-MLR-002	Water	09/29/14 10:59	10/01/14 09:00
480-68365-3	W-140929-MLR-003	Water	09/29/14 11:04	10/01/14 09:00
480-68365-4	W-140929-MLR-004	Water	09/29/14 11:07	10/01/14 09:00
480-68365-5	W-140929-MLR-005	Water	09/29/14 11:37	10/01/14 09:00
480-68365-6	W-140929-MLR-006	Water	09/29/14 11:32	10/01/14 09:00
480-68365-7	W-140929-MLR-007	Water	09/29/14 11:42	10/01/14 09:00
480-68365-8	W-140929-MLR-008	Water	09/29/14 11:47	10/01/14 09:00
480-68365-9	W-140929-MLR-009	Water	09/29/14 12:16	10/01/14 09:00
480-68365-10	W-140929-MLR-010	Water	09/29/14 12:17	10/01/14 09:00
480-68365-11	W-140929-MLR-011	Water	09/29/14 12:22	10/01/14 09:00
480-68365-12	W-140929-MLR-012	Water	09/29/14 13:04	10/01/14 09:00
480-68365-13	W-140929-MLR-013	Water	09/29/14 13:08	10/01/14 09:00
480-68365-14	W-140929-MLR-014	Water	09/29/14 13:15	10/01/14 09:00
480-68365-15	W-140929-MLR-015	Water	09/29/14 13:23	10/01/14 09:00
480-68365-16	W-140929-MLR-016	Water	09/29/14 13:24	10/01/14 09:00
480-68365-17	W-140929-MLR-017	Water	09/29/14 13:50	10/01/14 09:00
480-68365-18	W-140929-MLR-018	Water	09/29/14 13:53	10/01/14 09:00
480-68365-19	W-140929-MLR-019	Water	09/29/14 14:00	10/01/14 09:00
480-68365-20	W-140929-MLR-020	Water	09/29/14 14:02	10/01/14 09:00
480-68365-21	W-140929-MLR-021	Water	09/29/14 14:02	10/01/14 09:00
480-68365-22	W-140929-MLR-022	Water	09/29/14 14:33	10/01/14 09:00
480-68365-23	W-140929-MLR-023	Water	09/29/14 14:36	10/01/14 09:00
480-68365-24	W-140929-MLR-024	Water	09/29/14 14:40	10/01/14 09:00
480-68365-25	W-140929-MLR-025	Water	09/29/14 14:44	10/01/14 09:00
480-68365-26	W-140929-MLR-026	Water	09/29/14 15:15	10/01/14 09:00
480-68365-27	W-140929-MLR-027	Water	09/29/14 15:16	10/01/14 09:00
480-68365-28	W-140929-MLR-028	Water	09/29/14 15:18	10/01/14 09:00
480-68365-29	W-140929-MLR-029	Water	09/29/14 15:22	10/01/14 09:00
480-68365-30	W-140929-MLR-030	Water	09/29/14 15:58	10/01/14 09:00
480-68365-31	W-140929-MLR-031	Water	09/29/14 16:04	10/01/14 09:00
480-68365-32	W-140929-MLR-032	Water	09/29/14 16:23	10/01/14 09:00
480-68365-33	W-140929-MLR-033	Water	09/29/14 16:30	10/01/14 09:00
480-68365-34	W-140929-MLR-034	Water	09/29/14 16:33	10/01/14 09:00
480-68365-35	W-140929-MLR-035	Water	09/29/14 16:37	10/01/14 09:00
480-68365-36	W-140929-MLR-036	Water	09/29/14 16:39	10/01/14 09:00
480-68365-37	W-140930-MLR-037	Water	09/30/14 09:25	10/01/14 09:00
480-68365-38	W-140930-MLR-038	Water	09/30/14 09:33	10/01/14 09:00
480-68365-39	W-140930-MLR-039	Water	09/30/14 10:05	10/01/14 09:00
480-68365-40	W-140930-MLR-040	Water	09/30/14 10:06	10/01/14 09:00
480-68365-41	W-140930-MLR-041	Water	09/30/14 10:08	10/01/14 09:00
480-68365-42	W-140930-MLR-042	Water	09/30/14 10:12	10/01/14 09:00
480-68365-43	W-140930-MLR-043	Water	09/30/14 10:45	10/01/14 09:00
480-68365-44	W-140930-MLR-044	Water	09/30/14 10:50	10/01/14 09:00
480-68365-45	W-140930-MLR-045	Water	09/30/14 11:02	10/01/14 09:00
480-68365-46	W-140930-MLR-046	Water	09/30/14 11:04	10/01/14 09:00
480-68365-47	W-140930-MLR-047	Water	09/30/14 11:30	10/01/14 09:00
480-68365-48	W-140930-MLR-048	Water	09/30/14 11:35	10/01/14 09:00
480-68365-49	W-140930-MLR-049	Water	09/30/14 11:45	10/01/14 09:00
480-68365-50	W-140930-MLR-050	Water	09/30/14 12:15	10/01/14 09:00
480-68365-51	W-140930-MLR-051	Water	09/30/14 12:23	10/01/14 09:00
480-68365-52	W-140930-MLR-052	Water	09/30/14 12:25	10/01/14 09:00
480-68365-53	W-140930-MLR-053	Water	09/30/14 12:58	10/01/14 09:00

Sample Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-68365-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-68365-54	W-140930-MLR-054	Water	09/30/14 12:51	10/01/14 09:00
480-68365-55	TRIP BLANK	Water	09/30/14 00:00	10/01/14 09:00

Detection Limit Exceptions Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-68365-1

The requested project specific reporting limits listed below were less than laboratory standard quantitation limits (PQL) but greater than or equal to the laboratory method detection limits (MDL). It must be noted that results reported below lab standard quantitation limits may result in false positive/false negative values and less accurate quantitation. Routine laboratory procedures do not indicate corrective action for detections below the laboratory's PQL.

Method	Matrix	Analyte	Units	Client RL	Lab PQL
524.2	Water	Trichloroethene	ug/L	0.20	0.5
524.2	Water	Vinyl chloride	ug/L	0.20	0.5

CHAIN OF CUSTODY RECORD

COOLER 3 OF 3

COC NO.: SP - 01365

PAGE 1 OF 4

(See Reverse Side for Instructions)

CRA CC & A

480-68365 Chain of Custody

1801 Old Highway 8 Northwest, Suite 114
St. Paul, Minnesota 55112 United States
Phone: (651) 639-0913 Fax: (651) 639-0923

Project No/ Phase/Task Code: 002012-000

Project Name: HWY 96

Project Location: NORTH OAKS, MN

Chemistry Contact: GRANT ANDERSON

Sampler(s): M. RICHIE, M. BARNES

Laboratory Name: TEST AMERICA - BUFFALO

Lab Contact: MELISSA DEYO

Lab Location: AMHERST, NEW YORK

Lab Quote No:

SSOW ID:

Cooler No:

Carrier: FED EX

Airbill No:

Date Shipped: 9/30/14

Item	Sample Identification (Containers for each sample may be combined on one line)	Date (mm/dd//yy)	Time (hh:mm)	Matrix Code (see back of COC)	Grab (G) or Comp (C)	Unpreserved	Hydrochloric Acid (HCl)	Nitric Acid (HNO_3)	Sulfuric Acid (H_2SO_4)	Sodium Hydroxide (NaOH)	Methanol/Water (Soil VOC)	EnCores 3x5-g, 1x25-g	Other:	Total Containers/Sample	VOCs (524.2) (6TOMAD LIST)	524.2-MOL	CHLORIDE (325.2)							MS/MSD Request	Comments/ Special Instructions:
1	W-140929-MLR-001	9/29/14	10:57	WP	G	1	3							4	X	X	X								
2	W-140929-MLR-002	9/29/14	10:59	WP	G	1	3							4	X	X	X								
3	W-140929-MLR-003	9/29/14	11:04	WP	G	1	3							4	X	X	X								
4	W-140929-MLR-004	9/29/14	11:07	WP	G	1	3							4	X	X	X								
5	W-140929-MLR-005	9/29/14	11:37	WP	G	1	3							4	X	X	X								
6	W-140929-MLR-006	9/29/14	11:32	WP	G	1	3							4	X	X	X								
7	W-140929-MLR-007	9/29/14	11:42	WP	G	1	3							4	X	X	X								
8	W-140929-MLR-008	9/29/14	11:47	WP	G	1	3							4	X	X	X								
9	W-140929-MLR-009	9/29/14	12:16	WP	G	3	9							12	X	X	X								MS/MSD
10	W-140929-MLR-010	9/29/14	12:17	WP	G	1	3							4	X	X	X								
11	W-140929-MLR-011	9/29/14	12:22	WP	G	1	3							4	X	X	X								
12	W-140929-MLR-012	9/29/14	13:04	WP	G	1	3							4	X	X	X								
13	W-140929-MLR-013	9/29/14	13:08	WP	G	1	3							4	X	X	X								
14	W-140929-MLR-014	9/29/14	13:15	WP	G	1	3							4	X	X	X								
15	W-140929-MLR-015	9/29/14	13:23	WP	G	1	3							4	X	X	X								

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

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

Total Number of Containers: 235

All Samples in Cooler must be on COC

Notes/ Special Requirements: *1,1-DICHLOROETHANE, CIS-1,2-DICHLOROETHENE AND VINYL CHLORIDE ONLY (7 VALUES)
TCE + VINYL CHLORIDE RL WILL BE 0.2 ug/L

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
1. [signature]	CRA	9/30/14	16:00	1. [signature]	TA BUFF	10/1/14	0900
2.				2.			
3.				3.			

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

#1 3.1.3.6.3.8

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

CRA Form: COC-10A (20110804)

COOLER 3 OF 3

CHAIN OF CUSTODY RECORD

COC NO.: SP-01368

PAGE 2 OF 4

(See Reverse Side for Instructions)

CONESTOGA-ROVERS & ASSOCIATES
1801 Old Highway 8 Northwest, Suite 114
St. Paul, Minnesota 55112 United States
Phone: (651) 639-0913 Fax: (651) 639-0923

Project No/ Phase/Task Code: 002012-000	Laboratory Name: TEST AMERICA – BUFFALO	Lab Location: AMHERST, NY	SSOW ID:
Project Name: Hwy 96	Lab Contact: MELISSA DEYO	Lab Quote No:	Cooler No:
Project Location: NORTH OAKS, MN			Carrier: FED EX
Chemistry Contact: GRANT ANDERSON			Airbill No:
Sampler(s): M. RICHIE, M. BARNES			Date Shipped: 9/30/14

Item	Sample Identification (Containers for each sample may be combined on one line)	Date (mm/dd//yy)	Time (hh:mm)	Matrix Code (see back of COC)	Grab (G) or Comp (C)	Unpreserved	Hydrochloric Acid (HCl)	Nitric Acid (HNO_3)	Sulfuric Acid (H_2SO_4)	Sodium Hydroxide (NaOH)	Methanol/Water (Soil VOC)	EnCores 3x5-g, 1x25-g	Other:	Total Containers/Sample	VOCs (524.2)	524.2 ADL LIST	CHLORIDE (300.0)							MS/MSD Request	Comments/ Special Instructions:
1	W-140929-MLR-016	9/29/14	13:24	WP	G	1	3							4	X	X	X								
2	W-140929-MLR-017	9/29/14	13:50	WP	G	1	3							4	X	X	X								
3	W-140929-MLR-018	9/29/14	13:53	WP	G	1	3							4	X	X	X								
4	W-140929-MLR-019	9/29/14	14:00	WP	G	1	3							4	X	X	X								
5	W-140929-MLR-020	9/29/14	14:02	WP	G	1	3							4	X	X	X								
6	W-140929-MLR-021	9/29/14	14:02	WP	G	1	3							4	X	X	X								
7	W-140929-MLR-022	9/29/14	14:33	WP	G	1	3							4	X	X	X								
8	W-140929-MLR-023	9/29/14	14:36	WP	G	1	3							4	X	X	X								
9	W-140929-MLR-024	9/29/14	14:40	WP	G	1	3							4	X	X	X								
10	W-140929-MLR-025	9/29/14	14:44	WP	G	1	3							4	X	X	X								
11	W-140929-MLR-026	9/29/14	15:15	WP	G	1	3							4	X	X	X								
12	W-140929-MLR-027	9/29/14	15:18	WP	G	1	3							4	X	X	X								
13	W-140929-MLR-028	9/29/14	15:18	WP	G	1	3							4	X	X	X								
14	W-140929-MLR-029	9/29/14	15:22	WP	G	1	3							4	X	X	X								
15	W-140929-MLR-030	9/29/14	15:58	WP	G	1	3							4	X	X	X								

TAT Required in business days (use separate COCs for different TATs):
☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ 1 Week ☒ 2 Week ☐ Other: STANDARD

Total Number of Containers: 23

All Samples in Cooler must be on COC

Notes/ Special Requirements: * 1,1-DICHLOROETHANE, CIS-1,2-DICHLOROETHENE AND VINYL CHLORIDE ONLY.
TCE AND VINYL CHLORIDE RL TO 0.2 ug/L.

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
1. Michael Richie	CRA	9/30/14	16:00	1. [illegible]	TA BUFF	10/1/14	0900
2.				2.			
3.				3.			

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

#1 3.1, 3.6, 3.8

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

CRA Form: COC-10A (20110804)

COOLER 3 OF 3

CONESTOGA-ROVERS & ASSOCIATES

CHAIN OF CUSTODY RECORD

1801 Old Highway 8 Northwest, Suite 114
St. Paul, Minnesota 55112 United States
Phone: (651) 639-0913 Fax: (651) 639-0923

COC NO.: SP-01366

(See Reverse Side for Instructions)

Project No/ Phase/Task Code: 002092-050	Laboratory Name: TEST AMERICA-BUFFALO	Lab Location: AMHERST, NY	SSOW ID:
Project Name: HWY 96	Lab Contact: MELISSA DEYO	Lab Quote No:	Cooler No:
Project Location: NORTH OAKS, MN			Carrier: FED EX
Chemistry Contact: GRANT ANDERSON			Airbill No:
Sampler(s): M. RICHIE, M. BARNES			Date Shipped: 9/30/14

Item	Sample Identification (Containers for each sample may be combined on one line)	Date (mm/dd/yy)	Time (hh:mm)	Matrix Code (see back of COC)	Grab (G) or Comp (C)	Unpreserved	Hydrochloric Acid (HCl)	Nitric Acid (HNO_3)	Sulfuric Acid (H_2SO_4)	Sodium Hydroxide (NaOH)	Methanol/Water (Soil VOC)	EnCores 3x5-g, 1x25-g	Other:	Total Containers/Sample	VOCs (524.2)	524.2 MOD LIST	CHLORIDE (300.0)								MS/MSD Request	Comments/ Special Instructions:
1	W-140929-MLR-031	9/29/14	16:24	WP	G	1	3							4	X	X	X									* 1,1-DICHLOROETHANE
2	W-140929-MLR-032	9/29/14	16:28	WP	G	1	3							4	X	X	X									AND CIS-1,2-DICHLOROETHE
3	W-140929-MLR-033	9/29/14	16:30	WP	G	1	3							4	X	X	X									AND VINYL CHLORIDE
4	W-140929-MLR-034	9/29/14	16:33	WP	G	1	3							4	X	X	X									(5 VALUES)
5	W-140929-MLR-035	9/29/14	16:37	WP	G	1	3							4	X	X	X									
6	W-140929-MLR-036	9/29/14	16:39	WP	G	1	3							4	X	X	X									TRICHLOROETHENE
7	W-140930-MLR-037	9/30/14	9:25	WP	G	3	9							12	X	X	X									AND VINYL CHLORIDE
8	W-140930-MLR-038	9/30/14	9:33	WP	G	1	3							4	X	X	X									RL WILL BE 0.2 ug/L
9	W-140930-MLR-039	9/30/14	10:05	WP	G	1	3							4	X	X	X									
10	W-140930-MLR-040	9/30/14	10:08	WP	G	1	3							4	X	X	X									
11	W-140930-MLR-041	9/30/14	10:08	WP	G	1	3							4	X	X	X									
12	W-140930-MLR-042	9/30/14	10:12	WP	G	1	3							4	X	X	X									
13	W-140930-MLR-043	9/30/14	10:45	WP	G	1	3							4	X	X	X									
14	W-140930-MLR-044	9/30/14	10:50	WP	G	1	3							4	X	X	X									
15	W-140930-MLR-045	9/30/14	11:02	WP	G	1	3							4	X	X	X									

TAT Required in business days (use separate COCs for different TATs):
☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ 1 Week ☒ 2 Week ☐ Other: STANDARD

Total Number of Containers: 235

All Samples in Cooler must be on COC

Notes/ Special Requirements: -037 MS/MSD

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
1. Michael Richie	CRA	9/30/14	16:00	1. [illegible]	TA BUFF	10/1/14	0900
2.				2.			
3.				3.			

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

#1 3.1 3.6 3.8

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

CRA Form: COC-10A (20110804)

CONESTOGA-ROVERS & ASSOCIATES

CHAIN OF CUSTODY RECORD

COOLER 3 OF 3

COC NO.: SP - 01367

PAGE 3 OF 4

1801 Old Highway 8 Northwest, Suite 114
St. Paul, Minnesota 55112 United States
Phone: (651) 639-0913 Fax: (651) 639-0923

(See Reverse Side for Instructions)

Project No/ Phase/Task Code: 002012-002	Laboratory Name: TEST AMERICA-BUFFALO	Lab Location: ~~BUFFALO~~ AMHERST, NY	SSOW ID:
Project Name: HWY 96	Lab Contact: MELISSA DEYO	Lab Quote No:	Cooler No:
Project Location: NORTH OAKS, MN			Carrier: FED EX
Chemistry Contact: GRANT ANDERSON			Airbill No:
Sampler(s): M. RICHIE, M. BARNES			Date Shipped: 9/30/14

Item	Sample Identification (Containers for each sample may be combined on one line)	Date (mm/dd/yy)	Time (hh:mm)	Matrix Code (see back of COC)	Grab (G) or Comp (C)	Unpreserved	Hydrochloric Acid (HCl)	Nitric Acid (HNO_3)	Sulfuric Acid (H_2SO_4)	Sodium Hydroxide (NaOH)	Methanol/Water (Soil VOC)	EnCores 3x5-g, 1x25-g	Other:	Total Containers/Sample	VOCs (524.2)	524.2 (MDL-LIST)	CHLORIDE (300.0)								MS/MSD Request	Comments/ Special Instructions:
1	W-140930-MLR-046	9/30/14	11:24	WP	G	1	3							4	X	X	X									
2	W-140930-MLR-047	9/30/14	11:30	WP	G	1	3							4	X	X	X									
3	W-140930-MLR-048	9/30/14	11:35	WP	G	1	3							4	X	X	X									
4	W-140930-MLR-049	9/30/14	11:45	WP	G	1	3							4	X	X	X									
5	W-140930-MLR-050	9/30/14	12:15	WP	G	1	3							4	X	X	X									
6	W-140930-MLR-051	9/30/14	12:23	WP	G	1	3							4	X	X	X									
7	W-140930-MLR-052	9/30/14	12:25	WP	G	1	3							4	X	X	X									
8	W-140930-MLR-053	9/30/14	12:56	WP	G	1	3							4	X	X	X									
9	W-140930-MLR-054	9/30/14	12:51	WP	G	1	3							4	X	X	X									
10	TRIP BLANK	9/29/14	—	TB	G		3							3	X	X										
11																										
12																										
13																										
14																										
15																										

TAT Required in business days (use separate COCs for different TATs):
☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ 1 Week ☒ 2 Week ☐ Other: STANDARD

Total Number of Containers: 235

All Samples in Cooler must be on COC

Notes/ Special Requirements: *1,1-DICHLOROETHANE, CIS-1,2-DICHLOROETHENE AND VINYL CHLORIDE ONLY. TCE AND VINYL CHLORIDE RL TO 0.2 ug/L

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
1. Michael Richie	CRA	9/30/14	16:00	1. [signature]	TA BUFF	10/1/14	0900
2.				2.			
3.				3.			

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

#1 3.1, 3.6, 3.8

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

CRA Form: COC-10A (20110804)

Login Sample Receipt Checklist

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 480-68365-1

Login Number: 68365
List Number: 1
Creator: Janish, Carl M

List Source: TestAmerica Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
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	
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	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	cra
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	False	lab to check

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-68555-1
Client Project/Site: 002012, Highway 96 Landfill

For:
Conestoga-Rovers & Associates, Inc.
1801 Old Highway 8 NW
Suite 114
St Paul, Minnesota 55112

Attn: Mr. Grant Anderson

Melissa Deyo

Authorized for release by:
10/20/2014 4:04:03 PM

Melissa Deyo, Project Manager I
(716)504-9874
melissa.deyo@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Cover Page 1
Table of Contents 2
Definitions/Glossary 3
Case Narrative 4
Detection Summary 5
Client Sample Results 7
Surrogate Summary 43
QC Sample Results 44
QC Association Summary 55
Lab Chronicle 57
Certification Summary 61
Method Summary 62
Sample Summary 63
Detection Limit Exceptions Summary 64
Chain of Custody 65
Receipt Checklists 67

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery exceeds the control limits
F2	MS/MSD RPD exceeds 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
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-68555-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-68555-1

Receipt
The samples were received on 10/3/2014 10:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.9º C.

GC/MS VOA
Method 524.2: The following samples contained residual chlorine upon receipt: W-141001-MLR-055 (480-68555-1), W-141001-MLR-055 (480-68555-1 MS), W-141001-MLR-055 (480-68555-1 MSD), W-141001-MLR-056 (480-68555-2), W-141001-MLR-057 (480-68555-3), W-141001-MLR-058 (480-68555-4), W-141001-MLR-061 (480-68555-7), W-141001-MLR-062 (480-68555-8), W-141001-MLR-063 (480-68555-9), W-141002-MLR-066 (480-68555-12), 50 EAST OAKS (480-68555-14), 50 EAST OAKS DUP (480-68555-15), 8 WEST SHORE (480-68555-16) and 15 DUCK PASS (480-68555-17).

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

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

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-68555-1

Client Sample ID: W-141001-MLR-055 — Lab Sample ID: 480-68555-1

No Detections.

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	39.9		0.50	0.50	mg/L	1		300.0	Total/NA

Client Sample ID: W-141001-MLR-056 — Lab Sample ID: 480-68555-2

No Detections.

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	15.5		0.50	0.50	mg/L	1		300.0	Total/NA

Client Sample ID: W-141001-MLR-057 — Lab Sample ID: 480-68555-3

No Detections.

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	15.4		0.50	0.50	mg/L	1		300.0	Total/NA

Client Sample ID: W-141001-MLR-058 — Lab Sample ID: 480-68555-4

No Detections.

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	20.8		0.50	0.50	mg/L	1		300.0	Total/NA

Client Sample ID: W-141001-MLR-059 — Lab Sample ID: 480-68555-5

No Detections.

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	21.1		0.50	0.50	mg/L	1		300.0	Total/NA

Client Sample ID: W-141001-MLR-060 — Lab Sample ID: 480-68555-6

No Detections.

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.4		0.50	0.50	mg/L	1		300.0	Total/NA

Client Sample ID: W-141001-MLR-061 — Lab Sample ID: 480-68555-7

No Detections.

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	27.3		0.50	0.50	mg/L	1		300.0	Total/NA

Client Sample ID: W-141001-MLR-062 — Lab Sample ID: 480-68555-8

No Detections.

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	17.1		0.50	0.50	mg/L	1		300.0	Total/NA

Client Sample ID: W-141001-MLR-063 — Lab Sample ID: 480-68555-9

No Detections.

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	32.4		0.50	0.50	mg/L	1		300.0	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-68555-1

Client Sample ID: W-141002-MLR-064 — Lab Sample ID: 480-68555-10

No Detections.

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	4.8		0.50	0.50	mg/L	1		300.0	Total/NA

Client Sample ID: W-141002-MLR-065 — Lab Sample ID: 480-68555-11

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.54		0.50	0.50	ug/L	1		524.2	Total/NA
Chloride	21.5		0.50	0.50	mg/L	1		300.0	Total/NA

Client Sample ID: W-141002-MLR-066 — Lab Sample ID: 480-68555-12

No Detections.

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	27.9		0.50	0.50	mg/L	1		300.0	Total/NA

Client Sample ID: 1 HUMMING BIRD — Lab Sample ID: 480-68555-13

No Detections.

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	23.9		0.50	0.50	mg/L	1		300.0	Total/NA

Client Sample ID: 50 EAST OAKS — Lab Sample ID: 480-68555-14

No Detections.

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	31.0		0.50	0.50	mg/L	1		300.0	Total/NA

Client Sample ID: 50 EAST OAKS DUP — Lab Sample ID: 480-68555-15

No Detections.

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	31.2		0.50	0.50	mg/L	1		300.0	Total/NA

Client Sample ID: 8 WEST SHORE — Lab Sample ID: 480-68555-16

No Detections.

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	12.3		0.50	0.50	mg/L	1		300.0	Total/NA

Client Sample ID: 15 DUCK PASS — Lab Sample ID: 480-68555-17

No Detections.

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	21.7		0.50	0.50	mg/L	1		300.0	Total/NA

Client Sample ID: TRIP BLANK — Lab Sample ID: 480-68555-18

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: W-141001-MLR-055

Lab Sample ID: 480-68555-1

Date Collected: 10/01/14 10:05

Matrix: Water

Date Received: 10/03/14 10:30

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/11/14 14:00	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/11/14 14:00	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/11/14 14:00	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/11/14 14:00	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/11/14 14:00	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/11/14 14:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/11/14 14:00	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/11/14 14:00	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/11/14 14:00	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/11/14 14:00	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 14:00	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/11/14 14:00	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 14:00	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/11/14 14:00	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/11/14 14:00	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/11/14 14:00	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 14:00	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/11/14 14:00	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/11/14 14:00	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/11/14 14:00	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 14:00	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/11/14 14:00	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 14:00	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/11/14 14:00	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/11/14 14:00	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/11/14 14:00	1
2-Hexanone	ND		2.5	2.5	ug/L			10/11/14 14:00	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/11/14 14:00	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/11/14 14:00	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/11/14 14:00	1
Acetone	ND		2.5	2.5	ug/L			10/11/14 14:00	1
Acrylonitrile	ND		10	10	ug/L			10/11/14 14:00	1
Allyl chloride	ND		0.50	0.50	ug/L			10/11/14 14:00	1
Benzene	ND		0.50	0.50	ug/L			10/11/14 14:00	1
Bromobenzene	ND		0.50	0.50	ug/L			10/11/14 14:00	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/11/14 14:00	1
Bromoform	ND		0.50	0.50	ug/L			10/11/14 14:00	1
Bromomethane	ND		0.50	0.50	ug/L			10/11/14 14:00	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/11/14 14:00	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/11/14 14:00	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/11/14 14:00	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/11/14 14:00	1
Chloroethane	ND		0.50	0.50	ug/L			10/11/14 14:00	1
Chloroform	ND		0.50	0.50	ug/L			10/11/14 14:00	1
Chloromethane	ND		0.50	0.50	ug/L			10/11/14 14:00	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/11/14 14:00	1
Dibromomethane	ND		0.50	0.50	ug/L			10/11/14 14:00	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/11/14 14:00	1

Client Sample ID: W-141001-MLR-055

Lab Sample ID: 480-68555-1

Date Collected: 10/01/14 10:05

Matrix: Water

Date Received: 10/03/14 10:30

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/11/14 14:00	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/11/14 14:00	1
Ethyl ether	ND		0.50	0.50	ug/L			10/11/14 14:00	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/11/14 14:00	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/11/14 14:00	1
Iodomethane	ND		0.50	0.50	ug/L			10/11/14 14:00	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/11/14 14:00	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/11/14 14:00	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/11/14 14:00	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/11/14 14:00	1
Naphthalene	ND		0.50	0.50	ug/L			10/11/14 14:00	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/11/14 14:00	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/11/14 14:00	1
o-Xylene	ND		0.50	0.50	ug/L			10/11/14 14:00	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/11/14 14:00	1
Styrene	ND		0.50	0.50	ug/L			10/11/14 14:00	1
t-Butanol	ND		10	10	ug/L			10/11/14 14:00	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/11/14 14:00	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/11/14 14:00	1
Toluene	ND		0.50	0.50	ug/L			10/11/14 14:00	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/11/14 14:00	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/11/14 14:00	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/11/14 14:00	1
Trichloroethene	ND		0.20	0.20	ug/L			10/11/14 14:00	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/11/14 14:00	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/11/14 14:00	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/11/14 14:00	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/11/14 14:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*102*		*80 - 120*		*10/11/14 14:00*	*1*
4-Bromofluorobenzene (Surr)	*91*		*80 - 120*		*10/11/14 14:00*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**39.9**		0.50	0.50	mg/L			10/15/14 19:38	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-68555-1

Client Sample ID: W-141001-MLR-056
Date Collected: 10/01/14 10:45
Date Received: 10/03/14 10:30

Lab Sample ID: 480-68555-2
Matrix: Water

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/11/14 15:21	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/11/14 15:21	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/11/14 15:21	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/11/14 15:21	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/11/14 15:21	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/11/14 15:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/11/14 15:21	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/11/14 15:21	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/11/14 15:21	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/11/14 15:21	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 15:21	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/11/14 15:21	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 15:21	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/11/14 15:21	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/11/14 15:21	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/11/14 15:21	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 15:21	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/11/14 15:21	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/11/14 15:21	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/11/14 15:21	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 15:21	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/11/14 15:21	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 15:21	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/11/14 15:21	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/11/14 15:21	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/11/14 15:21	1
2-Hexanone	ND		2.5	2.5	ug/L			10/11/14 15:21	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/11/14 15:21	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/11/14 15:21	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/11/14 15:21	1
Acetone	ND		2.5	2.5	ug/L			10/11/14 15:21	1
Acrylonitrile	ND		10	10	ug/L			10/11/14 15:21	1
Allyl chloride	ND		0.50	0.50	ug/L			10/11/14 15:21	1
Benzene	ND		0.50	0.50	ug/L			10/11/14 15:21	1
Bromobenzene	ND		0.50	0.50	ug/L			10/11/14 15:21	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/11/14 15:21	1
Bromoform	ND		0.50	0.50	ug/L			10/11/14 15:21	1
Bromomethane	ND		0.50	0.50	ug/L			10/11/14 15:21	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/11/14 15:21	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/11/14 15:21	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/11/14 15:21	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/11/14 15:21	1
Chloroethane	ND		0.50	0.50	ug/L			10/11/14 15:21	1
Chloroform	ND		0.50	0.50	ug/L			10/11/14 15:21	1
Chloromethane	ND		0.50	0.50	ug/L			10/11/14 15:21	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/11/14 15:21	1
Dibromomethane	ND		0.50	0.50	ug/L			10/11/14 15:21	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/11/14 15:21	1

Client Sample ID: W-141001-MLR-056

Lab Sample ID: 480-68555-2

Date Collected: 10/01/14 10:45

Matrix: Water

Date Received: 10/03/14 10:30

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/11/14 15:21	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/11/14 15:21	1
Ethyl ether	ND		0.50	0.50	ug/L			10/11/14 15:21	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/11/14 15:21	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/11/14 15:21	1
Iodomethane	ND		0.50	0.50	ug/L			10/11/14 15:21	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/11/14 15:21	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/11/14 15:21	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/11/14 15:21	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/11/14 15:21	1
Naphthalene	ND		0.50	0.50	ug/L			10/11/14 15:21	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/11/14 15:21	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/11/14 15:21	1
o-Xylene	ND		0.50	0.50	ug/L			10/11/14 15:21	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/11/14 15:21	1
Styrene	ND		0.50	0.50	ug/L			10/11/14 15:21	1
t-Butanol	ND		10	10	ug/L			10/11/14 15:21	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/11/14 15:21	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/11/14 15:21	1
Toluene	ND		0.50	0.50	ug/L			10/11/14 15:21	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/11/14 15:21	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/11/14 15:21	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/11/14 15:21	1
Trichloroethene	ND		0.20	0.20	ug/L			10/11/14 15:21	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/11/14 15:21	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/11/14 15:21	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/11/14 15:21	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/11/14 15:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*108*		*80 - 120*		*10/11/14 15:21*	*1*
4-Bromofluorobenzene (Surr)	*90*		*80 - 120*		*10/11/14 15:21*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**15.5**		0.50	0.50	mg/L			10/15/14 20:09	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-68555-1

Client Sample ID: W-141001-MLR-057

Lab Sample ID: 480-68555-3

Date Collected: 10/01/14 10:46

Matrix: Water

Date Received: 10/03/14 10:30

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/11/14 15:48	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/11/14 15:48	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/11/14 15:48	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/11/14 15:48	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/11/14 15:48	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/11/14 15:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/11/14 15:48	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/11/14 15:48	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/11/14 15:48	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/11/14 15:48	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 15:48	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/11/14 15:48	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 15:48	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/11/14 15:48	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/11/14 15:48	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/11/14 15:48	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 15:48	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/11/14 15:48	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/11/14 15:48	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/11/14 15:48	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 15:48	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/11/14 15:48	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 15:48	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/11/14 15:48	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/11/14 15:48	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/11/14 15:48	1
2-Hexanone	ND		2.5	2.5	ug/L			10/11/14 15:48	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/11/14 15:48	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/11/14 15:48	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/11/14 15:48	1
Acetone	ND		2.5	2.5	ug/L			10/11/14 15:48	1
Acrylonitrile	ND		10	10	ug/L			10/11/14 15:48	1
Allyl chloride	ND		0.50	0.50	ug/L			10/11/14 15:48	1
Benzene	ND		0.50	0.50	ug/L			10/11/14 15:48	1
Bromobenzene	ND		0.50	0.50	ug/L			10/11/14 15:48	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/11/14 15:48	1
Bromoform	ND		0.50	0.50	ug/L			10/11/14 15:48	1
Bromomethane	ND		0.50	0.50	ug/L			10/11/14 15:48	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/11/14 15:48	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/11/14 15:48	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/11/14 15:48	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/11/14 15:48	1
Chloroethane	ND		0.50	0.50	ug/L			10/11/14 15:48	1
Chloroform	ND		0.50	0.50	ug/L			10/11/14 15:48	1
Chloromethane	ND		0.50	0.50	ug/L			10/11/14 15:48	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/11/14 15:48	1
Dibromomethane	ND		0.50	0.50	ug/L			10/11/14 15:48	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/11/14 15:48	1

Client Sample ID: W-141001-MLR-057

Lab Sample ID: 480-68555-3

Date Collected: 10/01/14 10:46

Matrix: Water

Date Received: 10/03/14 10:30

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/11/14 15:48	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/11/14 15:48	1
Ethyl ether	ND		0.50	0.50	ug/L			10/11/14 15:48	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/11/14 15:48	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/11/14 15:48	1
Iodomethane	ND		0.50	0.50	ug/L			10/11/14 15:48	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/11/14 15:48	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/11/14 15:48	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/11/14 15:48	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/11/14 15:48	1
Naphthalene	ND		0.50	0.50	ug/L			10/11/14 15:48	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/11/14 15:48	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/11/14 15:48	1
o-Xylene	ND		0.50	0.50	ug/L			10/11/14 15:48	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/11/14 15:48	1
Styrene	ND		0.50	0.50	ug/L			10/11/14 15:48	1
t-Butanol	ND		10	10	ug/L			10/11/14 15:48	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/11/14 15:48	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/11/14 15:48	1
Toluene	ND		0.50	0.50	ug/L			10/11/14 15:48	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/11/14 15:48	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/11/14 15:48	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/11/14 15:48	1
Trichloroethene	ND		0.20	0.20	ug/L			10/11/14 15:48	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/11/14 15:48	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/11/14 15:48	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/11/14 15:48	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/11/14 15:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*105*		*80 - 120*		*10/11/14 15:48*	*1*
4-Bromofluorobenzene (Surr)	*92*		*80 - 120*		*10/11/14 15:48*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**15.4**		0.50	0.50	mg/L			10/15/14 20:19	1

Client Sample ID: W-141001-MLR-058

Lab Sample ID: 480-68555-4

Date Collected: 10/01/14 10:51

Matrix: Water

Date Received: 10/03/14 10:30

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/11/14 16:15	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/11/14 16:15	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/11/14 16:15	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/11/14 16:15	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/11/14 16:15	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/11/14 16:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/11/14 16:15	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/11/14 16:15	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/11/14 16:15	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/11/14 16:15	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 16:15	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/11/14 16:15	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 16:15	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/11/14 16:15	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/11/14 16:15	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/11/14 16:15	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 16:15	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/11/14 16:15	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/11/14 16:15	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/11/14 16:15	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 16:15	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/11/14 16:15	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 16:15	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/11/14 16:15	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/11/14 16:15	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/11/14 16:15	1
2-Hexanone	ND		2.5	2.5	ug/L			10/11/14 16:15	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/11/14 16:15	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/11/14 16:15	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/11/14 16:15	1
Acetone	ND		2.5	2.5	ug/L			10/11/14 16:15	1
Acrylonitrile	ND		10	10	ug/L			10/11/14 16:15	1
Allyl chloride	ND		0.50	0.50	ug/L			10/11/14 16:15	1
Benzene	ND		0.50	0.50	ug/L			10/11/14 16:15	1
Bromobenzene	ND		0.50	0.50	ug/L			10/11/14 16:15	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/11/14 16:15	1
Bromoform	ND		0.50	0.50	ug/L			10/11/14 16:15	1
Bromomethane	ND		0.50	0.50	ug/L			10/11/14 16:15	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/11/14 16:15	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/11/14 16:15	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/11/14 16:15	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/11/14 16:15	1
Chloroethane	ND		0.50	0.50	ug/L			10/11/14 16:15	1
Chloroform	ND		0.50	0.50	ug/L			10/11/14 16:15	1
Chloromethane	ND		0.50	0.50	ug/L			10/11/14 16:15	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/11/14 16:15	1
Dibromomethane	ND		0.50	0.50	ug/L			10/11/14 16:15	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/11/14 16:15	1

Client Sample ID: W-141001-MLR-058

Lab Sample ID: 480-68555-4

Date Collected: 10/01/14 10:51

Matrix: Water

Date Received: 10/03/14 10:30

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/11/14 16:15	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/11/14 16:15	1
Ethyl ether	ND		0.50	0.50	ug/L			10/11/14 16:15	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/11/14 16:15	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/11/14 16:15	1
Iodomethane	ND		0.50	0.50	ug/L			10/11/14 16:15	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/11/14 16:15	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/11/14 16:15	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/11/14 16:15	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/11/14 16:15	1
Naphthalene	ND		0.50	0.50	ug/L			10/11/14 16:15	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/11/14 16:15	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/11/14 16:15	1
o-Xylene	ND		0.50	0.50	ug/L			10/11/14 16:15	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/11/14 16:15	1
Styrene	ND		0.50	0.50	ug/L			10/11/14 16:15	1
t-Butanol	ND		10	10	ug/L			10/11/14 16:15	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/11/14 16:15	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/11/14 16:15	1
Toluene	ND		0.50	0.50	ug/L			10/11/14 16:15	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/11/14 16:15	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/11/14 16:15	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/11/14 16:15	1
Trichloroethene	ND		0.20	0.20	ug/L			10/11/14 16:15	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/11/14 16:15	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/11/14 16:15	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/11/14 16:15	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/11/14 16:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*107*		*80 - 120*		*10/11/14 16:15*	*1*
4-Bromofluorobenzene (Surr)	*91*		*80 - 120*		*10/11/14 16:15*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**20.8**		0.50	0.50	mg/L			10/15/14 20:29	1

Client Sample ID: W-141001-MLR-059

Lab Sample ID: 480-68555-5

Date Collected: 10/01/14 11:13

Matrix: Water

Date Received: 10/03/14 10:30

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/11/14 16:41	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/11/14 16:41	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/11/14 16:41	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/11/14 16:41	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/11/14 16:41	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/11/14 16:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/11/14 16:41	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/11/14 16:41	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/11/14 16:41	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/11/14 16:41	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 16:41	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/11/14 16:41	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 16:41	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/11/14 16:41	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/11/14 16:41	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/11/14 16:41	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 16:41	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/11/14 16:41	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/11/14 16:41	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/11/14 16:41	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 16:41	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/11/14 16:41	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 16:41	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/11/14 16:41	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/11/14 16:41	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/11/14 16:41	1
2-Hexanone	ND		2.5	2.5	ug/L			10/11/14 16:41	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/11/14 16:41	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/11/14 16:41	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/11/14 16:41	1
Acetone	ND		2.5	2.5	ug/L			10/11/14 16:41	1
Acrylonitrile	ND		10	10	ug/L			10/11/14 16:41	1
Allyl chloride	ND		0.50	0.50	ug/L			10/11/14 16:41	1
Benzene	ND		0.50	0.50	ug/L			10/11/14 16:41	1
Bromobenzene	ND		0.50	0.50	ug/L			10/11/14 16:41	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/11/14 16:41	1
Bromoform	ND		0.50	0.50	ug/L			10/11/14 16:41	1
Bromomethane	ND		0.50	0.50	ug/L			10/11/14 16:41	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/11/14 16:41	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/11/14 16:41	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/11/14 16:41	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/11/14 16:41	1
Chloroethane	ND		0.50	0.50	ug/L			10/11/14 16:41	1
Chloroform	ND		0.50	0.50	ug/L			10/11/14 16:41	1
Chloromethane	ND		0.50	0.50	ug/L			10/11/14 16:41	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/11/14 16:41	1
Dibromomethane	ND		0.50	0.50	ug/L			10/11/14 16:41	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/11/14 16:41	1

Client Sample ID: W-141001-MLR-059

Lab Sample ID: 480-68555-5

Date Collected: 10/01/14 11:13

Matrix: Water

Date Received: 10/03/14 10:30

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/11/14 16:41	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/11/14 16:41	1
Ethyl ether	ND		0.50	0.50	ug/L			10/11/14 16:41	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/11/14 16:41	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/11/14 16:41	1
Iodomethane	ND		0.50	0.50	ug/L			10/11/14 16:41	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/11/14 16:41	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/11/14 16:41	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/11/14 16:41	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/11/14 16:41	1
Naphthalene	ND		0.50	0.50	ug/L			10/11/14 16:41	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/11/14 16:41	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/11/14 16:41	1
o-Xylene	ND		0.50	0.50	ug/L			10/11/14 16:41	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/11/14 16:41	1
Styrene	ND		0.50	0.50	ug/L			10/11/14 16:41	1
t-Butanol	ND		10	10	ug/L			10/11/14 16:41	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/11/14 16:41	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/11/14 16:41	1
Toluene	ND		0.50	0.50	ug/L			10/11/14 16:41	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/11/14 16:41	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/11/14 16:41	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/11/14 16:41	1
Trichloroethene	ND		0.20	0.20	ug/L			10/11/14 16:41	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/11/14 16:41	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/11/14 16:41	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/11/14 16:41	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/11/14 16:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*102*		*80 - 120*		*10/11/14 16:41*	*1*
4-Bromofluorobenzene (Surr)	*90*		*80 - 120*		*10/11/14 16:41*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**21.1**		0.50	0.50	mg/L			10/15/14 20:39	1

Client Sample ID: W-141001-MLR-060

Lab Sample ID: 480-68555-6

Date Collected: 10/01/14 11:19

Matrix: Water

Date Received: 10/03/14 10:30

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/11/14 17:08	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/11/14 17:08	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/11/14 17:08	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/11/14 17:08	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/11/14 17:08	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/11/14 17:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/11/14 17:08	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/11/14 17:08	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/11/14 17:08	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/11/14 17:08	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 17:08	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/11/14 17:08	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 17:08	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/11/14 17:08	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/11/14 17:08	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/11/14 17:08	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 17:08	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/11/14 17:08	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/11/14 17:08	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/11/14 17:08	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 17:08	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/11/14 17:08	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 17:08	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/11/14 17:08	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/11/14 17:08	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/11/14 17:08	1
2-Hexanone	ND		2.5	2.5	ug/L			10/11/14 17:08	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/11/14 17:08	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/11/14 17:08	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/11/14 17:08	1
Acetone	ND		2.5	2.5	ug/L			10/11/14 17:08	1
Acrylonitrile	ND		10	10	ug/L			10/11/14 17:08	1
Allyl chloride	ND		0.50	0.50	ug/L			10/11/14 17:08	1
Benzene	ND		0.50	0.50	ug/L			10/11/14 17:08	1
Bromobenzene	ND		0.50	0.50	ug/L			10/11/14 17:08	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/11/14 17:08	1
Bromoform	ND		0.50	0.50	ug/L			10/11/14 17:08	1
Bromomethane	ND		0.50	0.50	ug/L			10/11/14 17:08	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/11/14 17:08	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/11/14 17:08	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/11/14 17:08	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/11/14 17:08	1
Chloroethane	ND		0.50	0.50	ug/L			10/11/14 17:08	1
Chloroform	ND		0.50	0.50	ug/L			10/11/14 17:08	1
Chloromethane	ND		0.50	0.50	ug/L			10/11/14 17:08	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/11/14 17:08	1
Dibromomethane	ND		0.50	0.50	ug/L			10/11/14 17:08	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/11/14 17:08	1

Client Sample ID: W-141001-MLR-060

Lab Sample ID: 480-68555-6

Date Collected: 10/01/14 11:19

Matrix: Water

Date Received: 10/03/14 10:30

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/11/14 17:08	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/11/14 17:08	1
Ethyl ether	ND		0.50	0.50	ug/L			10/11/14 17:08	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/11/14 17:08	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/11/14 17:08	1
Iodomethane	ND		0.50	0.50	ug/L			10/11/14 17:08	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/11/14 17:08	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/11/14 17:08	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/11/14 17:08	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/11/14 17:08	1
Naphthalene	ND		0.50	0.50	ug/L			10/11/14 17:08	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/11/14 17:08	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/11/14 17:08	1
o-Xylene	ND		0.50	0.50	ug/L			10/11/14 17:08	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/11/14 17:08	1
Styrene	ND		0.50	0.50	ug/L			10/11/14 17:08	1
t-Butanol	ND		10	10	ug/L			10/11/14 17:08	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/11/14 17:08	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/11/14 17:08	1
Toluene	ND		0.50	0.50	ug/L			10/11/14 17:08	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/11/14 17:08	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/11/14 17:08	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/11/14 17:08	1
Trichloroethene	ND		0.20	0.20	ug/L			10/11/14 17:08	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/11/14 17:08	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/11/14 17:08	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/11/14 17:08	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/11/14 17:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*105*		*80 - 120*		*10/11/14 17:08*	*1*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*		*10/11/14 17:08*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1.4**		0.50	0.50	mg/L			10/15/14 20:49	1

Client Sample ID: W-141001-MLR-061

Lab Sample ID: 480-68555-7

Date Collected: 10/01/14 11:48

Matrix: Water

Date Received: 10/03/14 10:30

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/11/14 17:35	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/11/14 17:35	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/11/14 17:35	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/11/14 17:35	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/11/14 17:35	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/11/14 17:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/11/14 17:35	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/11/14 17:35	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/11/14 17:35	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/11/14 17:35	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 17:35	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/11/14 17:35	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 17:35	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/11/14 17:35	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/11/14 17:35	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/11/14 17:35	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 17:35	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/11/14 17:35	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/11/14 17:35	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/11/14 17:35	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 17:35	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/11/14 17:35	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 17:35	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/11/14 17:35	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/11/14 17:35	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/11/14 17:35	1
2-Hexanone	ND		2.5	2.5	ug/L			10/11/14 17:35	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/11/14 17:35	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/11/14 17:35	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/11/14 17:35	1
Acetone	ND		2.5	2.5	ug/L			10/11/14 17:35	1
Acrylonitrile	ND		10	10	ug/L			10/11/14 17:35	1
Allyl chloride	ND		0.50	0.50	ug/L			10/11/14 17:35	1
Benzene	ND		0.50	0.50	ug/L			10/11/14 17:35	1
Bromobenzene	ND		0.50	0.50	ug/L			10/11/14 17:35	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/11/14 17:35	1
Bromoform	ND		0.50	0.50	ug/L			10/11/14 17:35	1
Bromomethane	ND		0.50	0.50	ug/L			10/11/14 17:35	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/11/14 17:35	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/11/14 17:35	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/11/14 17:35	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/11/14 17:35	1
Chloroethane	ND		0.50	0.50	ug/L			10/11/14 17:35	1
Chloroform	ND		0.50	0.50	ug/L			10/11/14 17:35	1
Chloromethane	ND		0.50	0.50	ug/L			10/11/14 17:35	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/11/14 17:35	1
Dibromomethane	ND		0.50	0.50	ug/L			10/11/14 17:35	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/11/14 17:35	1

Client Sample ID: W-141001-MLR-061

Lab Sample ID: 480-68555-7

Date Collected: 10/01/14 11:48

Matrix: Water

Date Received: 10/03/14 10:30

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/11/14 17:35	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/11/14 17:35	1
Ethyl ether	ND		0.50	0.50	ug/L			10/11/14 17:35	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/11/14 17:35	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/11/14 17:35	1
Iodomethane	ND		0.50	0.50	ug/L			10/11/14 17:35	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/11/14 17:35	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/11/14 17:35	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/11/14 17:35	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/11/14 17:35	1
Naphthalene	ND		0.50	0.50	ug/L			10/11/14 17:35	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/11/14 17:35	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/11/14 17:35	1
o-Xylene	ND		0.50	0.50	ug/L			10/11/14 17:35	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/11/14 17:35	1
Styrene	ND		0.50	0.50	ug/L			10/11/14 17:35	1
t-Butanol	ND		10	10	ug/L			10/11/14 17:35	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/11/14 17:35	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/11/14 17:35	1
Toluene	ND		0.50	0.50	ug/L			10/11/14 17:35	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/11/14 17:35	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/11/14 17:35	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/11/14 17:35	1
Trichloroethene	ND		0.20	0.20	ug/L			10/11/14 17:35	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/11/14 17:35	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/11/14 17:35	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/11/14 17:35	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/11/14 17:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*105*		*80 - 120*		*10/11/14 17:35*	*1*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*10/11/14 17:35*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**27.3**		0.50	0.50	mg/L			10/15/14 20:59	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-68555-1

Client Sample ID: W-141001-MLR-062

Lab Sample ID: 480-68555-8

Date Collected: 10/01/14 12:16

Matrix: Water

Date Received: 10/03/14 10:30

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/11/14 18:02	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/11/14 18:02	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/11/14 18:02	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/11/14 18:02	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/11/14 18:02	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/11/14 18:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/11/14 18:02	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/11/14 18:02	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/11/14 18:02	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/11/14 18:02	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 18:02	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/11/14 18:02	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 18:02	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/11/14 18:02	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/11/14 18:02	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/11/14 18:02	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 18:02	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/11/14 18:02	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/11/14 18:02	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/11/14 18:02	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 18:02	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/11/14 18:02	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 18:02	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/11/14 18:02	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/11/14 18:02	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/11/14 18:02	1
2-Hexanone	ND		2.5	2.5	ug/L			10/11/14 18:02	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/11/14 18:02	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/11/14 18:02	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/11/14 18:02	1
Acetone	ND		2.5	2.5	ug/L			10/11/14 18:02	1
Acrylonitrile	ND		10	10	ug/L			10/11/14 18:02	1
Allyl chloride	ND		0.50	0.50	ug/L			10/11/14 18:02	1
Benzene	ND		0.50	0.50	ug/L			10/11/14 18:02	1
Bromobenzene	ND		0.50	0.50	ug/L			10/11/14 18:02	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/11/14 18:02	1
Bromoform	ND		0.50	0.50	ug/L			10/11/14 18:02	1
Bromomethane	ND		0.50	0.50	ug/L			10/11/14 18:02	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/11/14 18:02	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/11/14 18:02	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/11/14 18:02	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/11/14 18:02	1
Chloroethane	ND		0.50	0.50	ug/L			10/11/14 18:02	1
Chloroform	ND		0.50	0.50	ug/L			10/11/14 18:02	1
Chloromethane	ND		0.50	0.50	ug/L			10/11/14 18:02	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/11/14 18:02	1
Dibromomethane	ND		0.50	0.50	ug/L			10/11/14 18:02	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/11/14 18:02	1

Client Sample ID: W-141001-MLR-062

Lab Sample ID: 480-68555-8

Date Collected: 10/01/14 12:16

Matrix: Water

Date Received: 10/03/14 10:30

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/11/14 18:02	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/11/14 18:02	1
Ethyl ether	ND		0.50	0.50	ug/L			10/11/14 18:02	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/11/14 18:02	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/11/14 18:02	1
Iodomethane	ND		0.50	0.50	ug/L			10/11/14 18:02	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/11/14 18:02	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/11/14 18:02	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/11/14 18:02	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/11/14 18:02	1
Naphthalene	ND		0.50	0.50	ug/L			10/11/14 18:02	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/11/14 18:02	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/11/14 18:02	1
o-Xylene	ND		0.50	0.50	ug/L			10/11/14 18:02	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/11/14 18:02	1
Styrene	ND		0.50	0.50	ug/L			10/11/14 18:02	1
t-Butanol	ND		10	10	ug/L			10/11/14 18:02	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/11/14 18:02	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/11/14 18:02	1
Toluene	ND		0.50	0.50	ug/L			10/11/14 18:02	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/11/14 18:02	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/11/14 18:02	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/11/14 18:02	1
Trichloroethene	ND		0.20	0.20	ug/L			10/11/14 18:02	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/11/14 18:02	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/11/14 18:02	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/11/14 18:02	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/11/14 18:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*102*		*80 - 120*		*10/11/14 18:02*	*1*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*		*10/11/14 18:02*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**17.1**		0.50	0.50	mg/L			10/15/14 21:10	1

Client Sample ID: W-141001-MLR-063

Lab Sample ID: 480-68555-9

Date Collected: 10/01/14 12:36

Matrix: Water

Date Received: 10/03/14 10:30

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/11/14 18:29	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/11/14 18:29	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/11/14 18:29	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/11/14 18:29	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/11/14 18:29	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/11/14 18:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/11/14 18:29	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/11/14 18:29	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/11/14 18:29	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/11/14 18:29	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 18:29	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/11/14 18:29	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 18:29	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/11/14 18:29	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/11/14 18:29	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/11/14 18:29	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 18:29	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/11/14 18:29	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/11/14 18:29	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/11/14 18:29	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 18:29	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/11/14 18:29	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 18:29	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/11/14 18:29	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/11/14 18:29	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/11/14 18:29	1
2-Hexanone	ND		2.5	2.5	ug/L			10/11/14 18:29	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/11/14 18:29	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/11/14 18:29	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/11/14 18:29	1
Acetone	ND		2.5	2.5	ug/L			10/11/14 18:29	1
Acrylonitrile	ND		10	10	ug/L			10/11/14 18:29	1
Allyl chloride	ND		0.50	0.50	ug/L			10/11/14 18:29	1
Benzene	ND		0.50	0.50	ug/L			10/11/14 18:29	1
Bromobenzene	ND		0.50	0.50	ug/L			10/11/14 18:29	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/11/14 18:29	1
Bromoform	ND		0.50	0.50	ug/L			10/11/14 18:29	1
Bromomethane	ND		0.50	0.50	ug/L			10/11/14 18:29	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/11/14 18:29	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/11/14 18:29	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/11/14 18:29	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/11/14 18:29	1
Chloroethane	ND		0.50	0.50	ug/L			10/11/14 18:29	1
Chloroform	ND		0.50	0.50	ug/L			10/11/14 18:29	1
Chloromethane	ND		0.50	0.50	ug/L			10/11/14 18:29	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/11/14 18:29	1
Dibromomethane	ND		0.50	0.50	ug/L			10/11/14 18:29	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/11/14 18:29	1

Client Sample ID: W-141001-MLR-063

Lab Sample ID: 480-68555-9

Date Collected: 10/01/14 12:36

Matrix: Water

Date Received: 10/03/14 10:30

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/11/14 18:29	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/11/14 18:29	1
Ethyl ether	ND		0.50	0.50	ug/L			10/11/14 18:29	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/11/14 18:29	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/11/14 18:29	1
Iodomethane	ND		0.50	0.50	ug/L			10/11/14 18:29	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/11/14 18:29	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/11/14 18:29	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/11/14 18:29	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/11/14 18:29	1
Naphthalene	ND		0.50	0.50	ug/L			10/11/14 18:29	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/11/14 18:29	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/11/14 18:29	1
o-Xylene	ND		0.50	0.50	ug/L			10/11/14 18:29	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/11/14 18:29	1
Styrene	ND		0.50	0.50	ug/L			10/11/14 18:29	1
t-Butanol	ND		10	10	ug/L			10/11/14 18:29	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/11/14 18:29	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/11/14 18:29	1
Toluene	ND		0.50	0.50	ug/L			10/11/14 18:29	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/11/14 18:29	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/11/14 18:29	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/11/14 18:29	1
Trichloroethene	ND		0.20	0.20	ug/L			10/11/14 18:29	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/11/14 18:29	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/11/14 18:29	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/11/14 18:29	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/11/14 18:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*104*		*80 - 120*		*10/11/14 18:29*	*1*
4-Bromofluorobenzene (Surr)	*91*		*80 - 120*		*10/11/14 18:29*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**32.4**		0.50	0.50	mg/L			10/15/14 21:20	1

Client Sample ID: W-141002-MLR-064

Lab Sample ID: 480-68555-10

Date Collected: 10/02/14 08:55

Matrix: Water

Date Received: 10/03/14 10:30

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/11/14 18:56	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/11/14 18:56	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/11/14 18:56	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/11/14 18:56	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/11/14 18:56	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/11/14 18:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/11/14 18:56	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/11/14 18:56	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/11/14 18:56	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/11/14 18:56	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 18:56	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/11/14 18:56	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 18:56	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/11/14 18:56	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/11/14 18:56	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/11/14 18:56	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 18:56	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/11/14 18:56	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/11/14 18:56	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/11/14 18:56	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 18:56	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/11/14 18:56	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 18:56	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/11/14 18:56	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/11/14 18:56	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/11/14 18:56	1
2-Hexanone	ND		2.5	2.5	ug/L			10/11/14 18:56	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/11/14 18:56	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/11/14 18:56	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/11/14 18:56	1
Acetone	ND		2.5	2.5	ug/L			10/11/14 18:56	1
Acrylonitrile	ND		10	10	ug/L			10/11/14 18:56	1
Allyl chloride	ND		0.50	0.50	ug/L			10/11/14 18:56	1
Benzene	ND		0.50	0.50	ug/L			10/11/14 18:56	1
Bromobenzene	ND		0.50	0.50	ug/L			10/11/14 18:56	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/11/14 18:56	1
Bromoform	ND		0.50	0.50	ug/L			10/11/14 18:56	1
Bromomethane	ND		0.50	0.50	ug/L			10/11/14 18:56	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/11/14 18:56	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/11/14 18:56	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/11/14 18:56	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/11/14 18:56	1
Chloroethane	ND		0.50	0.50	ug/L			10/11/14 18:56	1
Chloroform	ND		0.50	0.50	ug/L			10/11/14 18:56	1
Chloromethane	ND		0.50	0.50	ug/L			10/11/14 18:56	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/11/14 18:56	1
Dibromomethane	ND		0.50	0.50	ug/L			10/11/14 18:56	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/11/14 18:56	1

Client Sample ID: W-141002-MLR-064

Lab Sample ID: 480-68555-10

Date Collected: 10/02/14 08:55

Matrix: Water

Date Received: 10/03/14 10:30

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/11/14 18:56	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/11/14 18:56	1
Ethyl ether	ND		0.50	0.50	ug/L			10/11/14 18:56	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/11/14 18:56	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/11/14 18:56	1
Iodomethane	ND		0.50	0.50	ug/L			10/11/14 18:56	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/11/14 18:56	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/11/14 18:56	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/11/14 18:56	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/11/14 18:56	1
Naphthalene	ND		0.50	0.50	ug/L			10/11/14 18:56	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/11/14 18:56	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/11/14 18:56	1
o-Xylene	ND		0.50	0.50	ug/L			10/11/14 18:56	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/11/14 18:56	1
Styrene	ND		0.50	0.50	ug/L			10/11/14 18:56	1
t-Butanol	ND		10	10	ug/L			10/11/14 18:56	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/11/14 18:56	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/11/14 18:56	1
Toluene	ND		0.50	0.50	ug/L			10/11/14 18:56	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/11/14 18:56	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/11/14 18:56	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/11/14 18:56	1
Trichloroethene	ND		0.20	0.20	ug/L			10/11/14 18:56	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/11/14 18:56	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/11/14 18:56	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/11/14 18:56	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/11/14 18:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*104*		*80 - 120*		*10/11/14 18:56*	*1*
4-Bromofluorobenzene (Surr)	*92*		*80 - 120*		*10/11/14 18:56*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4.8**		0.50	0.50	mg/L			10/15/14 21:50	1

Client Sample ID: W-141002-MLR-065

Lab Sample ID: 480-68555-11

Date Collected: 10/02/14 09:16

Matrix: Water

Date Received: 10/03/14 10:30

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/11/14 19:23	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/11/14 19:23	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/11/14 19:23	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/11/14 19:23	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/11/14 19:23	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/11/14 19:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/11/14 19:23	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/11/14 19:23	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/11/14 19:23	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/11/14 19:23	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 19:23	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/11/14 19:23	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 19:23	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/11/14 19:23	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/11/14 19:23	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/11/14 19:23	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 19:23	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/11/14 19:23	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/11/14 19:23	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/11/14 19:23	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 19:23	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/11/14 19:23	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 19:23	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/11/14 19:23	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/11/14 19:23	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/11/14 19:23	1
2-Hexanone	ND		2.5	2.5	ug/L			10/11/14 19:23	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/11/14 19:23	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/11/14 19:23	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/11/14 19:23	1
Acetone	ND		2.5	2.5	ug/L			10/11/14 19:23	1
Acrylonitrile	ND		10	10	ug/L			10/11/14 19:23	1
Allyl chloride	ND		0.50	0.50	ug/L			10/11/14 19:23	1
Benzene	ND		0.50	0.50	ug/L			10/11/14 19:23	1
Bromobenzene	ND		0.50	0.50	ug/L			10/11/14 19:23	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/11/14 19:23	1
Bromoform	ND		0.50	0.50	ug/L			10/11/14 19:23	1
Bromomethane	ND		0.50	0.50	ug/L			10/11/14 19:23	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/11/14 19:23	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/11/14 19:23	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/11/14 19:23	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/11/14 19:23	1
Chloroethane	ND		0.50	0.50	ug/L			10/11/14 19:23	1
Chloroform	ND		0.50	0.50	ug/L			10/11/14 19:23	1
Chloromethane	ND		0.50	0.50	ug/L			10/11/14 19:23	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/11/14 19:23	1
Dibromomethane	ND		0.50	0.50	ug/L			10/11/14 19:23	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/11/14 19:23	1

Client Sample ID: W-141002-MLR-065

Lab Sample ID: 480-68555-11

Date Collected: 10/02/14 09:16

Matrix: Water

Date Received: 10/03/14 10:30

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/11/14 19:23	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/11/14 19:23	1
Ethyl ether	ND		0.50	0.50	ug/L			10/11/14 19:23	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/11/14 19:23	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/11/14 19:23	1
Iodomethane	ND		0.50	0.50	ug/L			10/11/14 19:23	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/11/14 19:23	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/11/14 19:23	1
Methylene Chloride	**0.54**		0.50	0.50	ug/L			10/11/14 19:23	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/11/14 19:23	1
Naphthalene	ND		0.50	0.50	ug/L			10/11/14 19:23	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/11/14 19:23	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/11/14 19:23	1
o-Xylene	ND		0.50	0.50	ug/L			10/11/14 19:23	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/11/14 19:23	1
Styrene	ND		0.50	0.50	ug/L			10/11/14 19:23	1
t-Butanol	ND		10	10	ug/L			10/11/14 19:23	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/11/14 19:23	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/11/14 19:23	1
Toluene	ND		0.50	0.50	ug/L			10/11/14 19:23	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/11/14 19:23	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/11/14 19:23	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/11/14 19:23	1
Trichloroethene	ND		0.20	0.20	ug/L			10/11/14 19:23	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/11/14 19:23	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/11/14 19:23	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/11/14 19:23	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/11/14 19:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*104*		*80 - 120*		*10/11/14 19:23*	*1*
4-Bromofluorobenzene (Surr)	*90*		*80 - 120*		*10/11/14 19:23*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**21.5**		0.50	0.50	mg/L			10/15/14 22:00	1

Client Sample ID: W-141002-MLR-066

Lab Sample ID: 480-68555-12

Date Collected: 10/02/14 09:21

Matrix: Water

Date Received: 10/03/14 10:30

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/11/14 19:50	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/11/14 19:50	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/11/14 19:50	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/11/14 19:50	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/11/14 19:50	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/11/14 19:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/11/14 19:50	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/11/14 19:50	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/11/14 19:50	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/11/14 19:50	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 19:50	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/11/14 19:50	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 19:50	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/11/14 19:50	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/11/14 19:50	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/11/14 19:50	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 19:50	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/11/14 19:50	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/11/14 19:50	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/11/14 19:50	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 19:50	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/11/14 19:50	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 19:50	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/11/14 19:50	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/11/14 19:50	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/11/14 19:50	1
2-Hexanone	ND		2.5	2.5	ug/L			10/11/14 19:50	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/11/14 19:50	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/11/14 19:50	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/11/14 19:50	1
Acetone	ND		2.5	2.5	ug/L			10/11/14 19:50	1
Acrylonitrile	ND		10	10	ug/L			10/11/14 19:50	1
Allyl chloride	ND		0.50	0.50	ug/L			10/11/14 19:50	1
Benzene	ND		0.50	0.50	ug/L			10/11/14 19:50	1
Bromobenzene	ND		0.50	0.50	ug/L			10/11/14 19:50	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/11/14 19:50	1
Bromoform	ND		0.50	0.50	ug/L			10/11/14 19:50	1
Bromomethane	ND		0.50	0.50	ug/L			10/11/14 19:50	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/11/14 19:50	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/11/14 19:50	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/11/14 19:50	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/11/14 19:50	1
Chloroethane	ND		0.50	0.50	ug/L			10/11/14 19:50	1
Chloroform	ND		0.50	0.50	ug/L			10/11/14 19:50	1
Chloromethane	ND		0.50	0.50	ug/L			10/11/14 19:50	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/11/14 19:50	1
Dibromomethane	ND		0.50	0.50	ug/L			10/11/14 19:50	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/11/14 19:50	1

Client Sample ID: W-141002-MLR-066

Lab Sample ID: 480-68555-12

Date Collected: 10/02/14 09:21

Matrix: Water

Date Received: 10/03/14 10:30

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/11/14 19:50	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/11/14 19:50	1
Ethyl ether	ND		0.50	0.50	ug/L			10/11/14 19:50	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/11/14 19:50	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/11/14 19:50	1
Iodomethane	ND		0.50	0.50	ug/L			10/11/14 19:50	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/11/14 19:50	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/11/14 19:50	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/11/14 19:50	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/11/14 19:50	1
Naphthalene	ND		0.50	0.50	ug/L			10/11/14 19:50	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/11/14 19:50	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/11/14 19:50	1
o-Xylene	ND		0.50	0.50	ug/L			10/11/14 19:50	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/11/14 19:50	1
Styrene	ND		0.50	0.50	ug/L			10/11/14 19:50	1
t-Butanol	ND		10	10	ug/L			10/11/14 19:50	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/11/14 19:50	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/11/14 19:50	1
Toluene	ND		0.50	0.50	ug/L			10/11/14 19:50	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/11/14 19:50	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/11/14 19:50	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/11/14 19:50	1
Trichloroethene	ND		0.20	0.20	ug/L			10/11/14 19:50	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/11/14 19:50	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/11/14 19:50	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/11/14 19:50	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/11/14 19:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*104*		*80 - 120*		*10/11/14 19:50*	*1*
4-Bromofluorobenzene (Surr)	*90*		*80 - 120*		*10/11/14 19:50*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**27.9**		0.50	0.50	mg/L			10/15/14 22:10	1

Client Sample ID: 1 HUMMING BIRD

Lab Sample ID: 480-68555-13

Date Collected: 10/02/14 10:25

Matrix: Water

Date Received: 10/03/14 10:30

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/11/14 20:17	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/11/14 20:17	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/11/14 20:17	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/11/14 20:17	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/11/14 20:17	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/11/14 20:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/11/14 20:17	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/11/14 20:17	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/11/14 20:17	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/11/14 20:17	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 20:17	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/11/14 20:17	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 20:17	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/11/14 20:17	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/11/14 20:17	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/11/14 20:17	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 20:17	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/11/14 20:17	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/11/14 20:17	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/11/14 20:17	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 20:17	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/11/14 20:17	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 20:17	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/11/14 20:17	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/11/14 20:17	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/11/14 20:17	1
2-Hexanone	ND		2.5	2.5	ug/L			10/11/14 20:17	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/11/14 20:17	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/11/14 20:17	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/11/14 20:17	1
Acetone	ND		2.5	2.5	ug/L			10/11/14 20:17	1
Acrylonitrile	ND		10	10	ug/L			10/11/14 20:17	1
Allyl chloride	ND		0.50	0.50	ug/L			10/11/14 20:17	1
Benzene	ND		0.50	0.50	ug/L			10/11/14 20:17	1
Bromobenzene	ND		0.50	0.50	ug/L			10/11/14 20:17	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/11/14 20:17	1
Bromoform	ND		0.50	0.50	ug/L			10/11/14 20:17	1
Bromomethane	ND		0.50	0.50	ug/L			10/11/14 20:17	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/11/14 20:17	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/11/14 20:17	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/11/14 20:17	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/11/14 20:17	1
Chloroethane	ND		0.50	0.50	ug/L			10/11/14 20:17	1
Chloroform	ND		0.50	0.50	ug/L			10/11/14 20:17	1
Chloromethane	ND		0.50	0.50	ug/L			10/11/14 20:17	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/11/14 20:17	1
Dibromomethane	ND		0.50	0.50	ug/L			10/11/14 20:17	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/11/14 20:17	1

Client Sample ID: 1 HUMMING BIRD

Lab Sample ID: 480-68555-13

Date Collected: 10/02/14 10:25

Matrix: Water

Date Received: 10/03/14 10:30

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/11/14 20:17	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/11/14 20:17	1
Ethyl ether	ND		0.50	0.50	ug/L			10/11/14 20:17	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/11/14 20:17	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/11/14 20:17	1
Iodomethane	ND		0.50	0.50	ug/L			10/11/14 20:17	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/11/14 20:17	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/11/14 20:17	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/11/14 20:17	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/11/14 20:17	1
Naphthalene	ND		0.50	0.50	ug/L			10/11/14 20:17	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/11/14 20:17	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/11/14 20:17	1
o-Xylene	ND		0.50	0.50	ug/L			10/11/14 20:17	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/11/14 20:17	1
Styrene	ND		0.50	0.50	ug/L			10/11/14 20:17	1
t-Butanol	ND		10	10	ug/L			10/11/14 20:17	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/11/14 20:17	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/11/14 20:17	1
Toluene	ND		0.50	0.50	ug/L			10/11/14 20:17	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/11/14 20:17	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/11/14 20:17	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/11/14 20:17	1
Trichloroethene	ND		0.20	0.20	ug/L			10/11/14 20:17	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/11/14 20:17	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/11/14 20:17	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/11/14 20:17	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/11/14 20:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*102*		*80 - 120*		*10/11/14 20:17*	*1*
4-Bromofluorobenzene (Surr)	*90*		*80 - 120*		*10/11/14 20:17*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**23.9**		0.50	0.50	mg/L			10/15/14 22:20	1

Client Sample ID: 50 EAST OAKS

Lab Sample ID: 480-68555-14

Date Collected: 10/02/14 10:50

Matrix: Water

Date Received: 10/03/14 10:30

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/11/14 20:43	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/11/14 20:43	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/11/14 20:43	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/11/14 20:43	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/11/14 20:43	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/11/14 20:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/11/14 20:43	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/11/14 20:43	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/11/14 20:43	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/11/14 20:43	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 20:43	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/11/14 20:43	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 20:43	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/11/14 20:43	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/11/14 20:43	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/11/14 20:43	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 20:43	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/11/14 20:43	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/11/14 20:43	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/11/14 20:43	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 20:43	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/11/14 20:43	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 20:43	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/11/14 20:43	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/11/14 20:43	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/11/14 20:43	1
2-Hexanone	ND		2.5	2.5	ug/L			10/11/14 20:43	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/11/14 20:43	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/11/14 20:43	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/11/14 20:43	1
Acetone	ND		2.5	2.5	ug/L			10/11/14 20:43	1
Acrylonitrile	ND		10	10	ug/L			10/11/14 20:43	1
Allyl chloride	ND		0.50	0.50	ug/L			10/11/14 20:43	1
Benzene	ND		0.50	0.50	ug/L			10/11/14 20:43	1
Bromobenzene	ND		0.50	0.50	ug/L			10/11/14 20:43	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/11/14 20:43	1
Bromoform	ND		0.50	0.50	ug/L			10/11/14 20:43	1
Bromomethane	ND		0.50	0.50	ug/L			10/11/14 20:43	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/11/14 20:43	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/11/14 20:43	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/11/14 20:43	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/11/14 20:43	1
Chloroethane	ND		0.50	0.50	ug/L			10/11/14 20:43	1
Chloroform	ND		0.50	0.50	ug/L			10/11/14 20:43	1
Chloromethane	ND		0.50	0.50	ug/L			10/11/14 20:43	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/11/14 20:43	1
Dibromomethane	ND		0.50	0.50	ug/L			10/11/14 20:43	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/11/14 20:43	1

Client Sample ID: 50 EAST OAKS

Lab Sample ID: 480-68555-14

Date Collected: 10/02/14 10:50

Matrix: Water

Date Received: 10/03/14 10:30

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/11/14 20:43	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/11/14 20:43	1
Ethyl ether	ND		0.50	0.50	ug/L			10/11/14 20:43	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/11/14 20:43	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/11/14 20:43	1
Iodomethane	ND		0.50	0.50	ug/L			10/11/14 20:43	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/11/14 20:43	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/11/14 20:43	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/11/14 20:43	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/11/14 20:43	1
Naphthalene	ND		0.50	0.50	ug/L			10/11/14 20:43	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/11/14 20:43	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/11/14 20:43	1
o-Xylene	ND		0.50	0.50	ug/L			10/11/14 20:43	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/11/14 20:43	1
Styrene	ND		0.50	0.50	ug/L			10/11/14 20:43	1
t-Butanol	ND		10	10	ug/L			10/11/14 20:43	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/11/14 20:43	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/11/14 20:43	1
Toluene	ND		0.50	0.50	ug/L			10/11/14 20:43	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/11/14 20:43	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/11/14 20:43	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/11/14 20:43	1
Trichloroethene	ND		0.20	0.20	ug/L			10/11/14 20:43	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/11/14 20:43	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/11/14 20:43	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/11/14 20:43	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/11/14 20:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*105*		*80 - 120*		*10/11/14 20:43*	*1*
4-Bromofluorobenzene (Surr)	*90*		*80 - 120*		*10/11/14 20:43*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**31.0**		0.50	0.50	mg/L			10/15/14 22:31	1

Client Sample ID: 50 EAST OAKS DUP

Lab Sample ID: 480-68555-15

Date Collected: 10/02/14 10:50

Matrix: Water

Date Received: 10/03/14 10:30

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/11/14 21:11	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/11/14 21:11	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/11/14 21:11	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/11/14 21:11	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/11/14 21:11	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/11/14 21:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/11/14 21:11	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/11/14 21:11	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/11/14 21:11	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/11/14 21:11	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 21:11	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/11/14 21:11	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 21:11	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/11/14 21:11	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/11/14 21:11	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/11/14 21:11	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 21:11	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/11/14 21:11	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/11/14 21:11	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/11/14 21:11	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 21:11	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/11/14 21:11	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 21:11	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/11/14 21:11	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/11/14 21:11	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/11/14 21:11	1
2-Hexanone	ND		2.5	2.5	ug/L			10/11/14 21:11	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/11/14 21:11	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/11/14 21:11	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/11/14 21:11	1
Acetone	ND		2.5	2.5	ug/L			10/11/14 21:11	1
Acrylonitrile	ND		10	10	ug/L			10/11/14 21:11	1
Allyl chloride	ND		0.50	0.50	ug/L			10/11/14 21:11	1
Benzene	ND		0.50	0.50	ug/L			10/11/14 21:11	1
Bromobenzene	ND		0.50	0.50	ug/L			10/11/14 21:11	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/11/14 21:11	1
Bromoform	ND		0.50	0.50	ug/L			10/11/14 21:11	1
Bromomethane	ND		0.50	0.50	ug/L			10/11/14 21:11	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/11/14 21:11	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/11/14 21:11	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/11/14 21:11	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/11/14 21:11	1
Chloroethane	ND		0.50	0.50	ug/L			10/11/14 21:11	1
Chloroform	ND		0.50	0.50	ug/L			10/11/14 21:11	1
Chloromethane	ND		0.50	0.50	ug/L			10/11/14 21:11	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/11/14 21:11	1
Dibromomethane	ND		0.50	0.50	ug/L			10/11/14 21:11	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/11/14 21:11	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-68555-1

Client Sample ID: 50 EAST OAKS DUP

Lab Sample ID: 480-68555-15

Date Collected: 10/02/14 10:50
Matrix: Water
Date Received: 10/03/14 10:30

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/11/14 21:11	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/11/14 21:11	1
Ethyl ether	ND		0.50	0.50	ug/L			10/11/14 21:11	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/11/14 21:11	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/11/14 21:11	1
Iodomethane	ND		0.50	0.50	ug/L			10/11/14 21:11	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/11/14 21:11	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/11/14 21:11	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/11/14 21:11	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/11/14 21:11	1
Naphthalene	ND		0.50	0.50	ug/L			10/11/14 21:11	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/11/14 21:11	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/11/14 21:11	1
o-Xylene	ND		0.50	0.50	ug/L			10/11/14 21:11	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/11/14 21:11	1
Styrene	ND		0.50	0.50	ug/L			10/11/14 21:11	1
t-Butanol	ND		10	10	ug/L			10/11/14 21:11	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/11/14 21:11	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/11/14 21:11	1
Toluene	ND		0.50	0.50	ug/L			10/11/14 21:11	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/11/14 21:11	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/11/14 21:11	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/11/14 21:11	1
Trichloroethene	ND		0.20	0.20	ug/L			10/11/14 21:11	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/11/14 21:11	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/11/14 21:11	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/11/14 21:11	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/11/14 21:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*105*		*80 - 120*		*10/11/14 21:11*	*1*
4-Bromofluorobenzene (Surr)	*89*		*80 - 120*		*10/11/14 21:11*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**31.2**		0.50	0.50	mg/L			10/15/14 22:41	1

Client Sample ID: 8 WEST SHORE

Lab Sample ID: 480-68555-16

Date Collected: 10/02/14 11:15

Matrix: Water

Date Received: 10/03/14 10:30

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/11/14 21:37	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/11/14 21:37	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/11/14 21:37	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/11/14 21:37	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/11/14 21:37	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/11/14 21:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/11/14 21:37	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/11/14 21:37	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/11/14 21:37	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/11/14 21:37	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 21:37	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/11/14 21:37	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 21:37	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/11/14 21:37	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/11/14 21:37	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/11/14 21:37	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 21:37	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/11/14 21:37	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/11/14 21:37	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/11/14 21:37	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 21:37	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/11/14 21:37	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 21:37	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/11/14 21:37	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/11/14 21:37	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/11/14 21:37	1
2-Hexanone	ND		2.5	2.5	ug/L			10/11/14 21:37	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/11/14 21:37	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/11/14 21:37	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/11/14 21:37	1
Acetone	ND		2.5	2.5	ug/L			10/11/14 21:37	1
Acrylonitrile	ND		10	10	ug/L			10/11/14 21:37	1
Allyl chloride	ND		0.50	0.50	ug/L			10/11/14 21:37	1
Benzene	ND		0.50	0.50	ug/L			10/11/14 21:37	1
Bromobenzene	ND		0.50	0.50	ug/L			10/11/14 21:37	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/11/14 21:37	1
Bromoform	ND		0.50	0.50	ug/L			10/11/14 21:37	1
Bromomethane	ND		0.50	0.50	ug/L			10/11/14 21:37	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/11/14 21:37	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/11/14 21:37	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/11/14 21:37	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/11/14 21:37	1
Chloroethane	ND		0.50	0.50	ug/L			10/11/14 21:37	1
Chloroform	ND		0.50	0.50	ug/L			10/11/14 21:37	1
Chloromethane	ND		0.50	0.50	ug/L			10/11/14 21:37	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/11/14 21:37	1
Dibromomethane	ND		0.50	0.50	ug/L			10/11/14 21:37	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/11/14 21:37	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-68555-1

Client Sample ID: 8 WEST SHORE
Date Collected: 10/02/14 11:15
Date Received: 10/03/14 10:30

Lab Sample ID: 480-68555-16
Matrix: Water

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/11/14 21:37	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/11/14 21:37	1
Ethyl ether	ND		0.50	0.50	ug/L			10/11/14 21:37	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/11/14 21:37	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/11/14 21:37	1
Iodomethane	ND		0.50	0.50	ug/L			10/11/14 21:37	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/11/14 21:37	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/11/14 21:37	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/11/14 21:37	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/11/14 21:37	1
Naphthalene	ND		0.50	0.50	ug/L			10/11/14 21:37	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/11/14 21:37	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/11/14 21:37	1
o-Xylene	ND		0.50	0.50	ug/L			10/11/14 21:37	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/11/14 21:37	1
Styrene	ND		0.50	0.50	ug/L			10/11/14 21:37	1
t-Butanol	ND		10	10	ug/L			10/11/14 21:37	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/11/14 21:37	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/11/14 21:37	1
Toluene	ND		0.50	0.50	ug/L			10/11/14 21:37	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/11/14 21:37	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/11/14 21:37	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/11/14 21:37	1
Trichloroethene	ND		0.20	0.20	ug/L			10/11/14 21:37	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/11/14 21:37	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/11/14 21:37	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/11/14 21:37	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/11/14 21:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*103*		*80 - 120*		*10/11/14 21:37*	*1*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*		*10/11/14 21:37*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**12.3**		0.50	0.50	mg/L			10/15/14 22:51	1

Client Sample ID: 15 DUCK PASS

Lab Sample ID: 480-68555-17

Date Collected: 10/02/14 11:40

Matrix: Water

Date Received: 10/03/14 10:30

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/10/14 13:33	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/10/14 13:33	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/10/14 13:33	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/10/14 13:33	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/10/14 13:33	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/10/14 13:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/10/14 13:33	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/10/14 13:33	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/10/14 13:33	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/10/14 13:33	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/10/14 13:33	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/10/14 13:33	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/10/14 13:33	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/10/14 13:33	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/10/14 13:33	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/10/14 13:33	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/10/14 13:33	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/10/14 13:33	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/10/14 13:33	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/10/14 13:33	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/10/14 13:33	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/10/14 13:33	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/10/14 13:33	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/10/14 13:33	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/10/14 13:33	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/10/14 13:33	1
2-Hexanone	ND		2.5	2.5	ug/L			10/10/14 13:33	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/10/14 13:33	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/10/14 13:33	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/10/14 13:33	1
Acetone	ND		2.5	2.5	ug/L			10/10/14 13:33	1
Acrylonitrile	ND		10	10	ug/L			10/10/14 13:33	1
Allyl chloride	ND		0.50	0.50	ug/L			10/10/14 13:33	1
Benzene	ND		0.50	0.50	ug/L			10/10/14 13:33	1
Bromobenzene	ND		0.50	0.50	ug/L			10/10/14 13:33	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/10/14 13:33	1
Bromoform	ND		0.50	0.50	ug/L			10/10/14 13:33	1
Bromomethane	ND		0.50	0.50	ug/L			10/10/14 13:33	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/10/14 13:33	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/10/14 13:33	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/10/14 13:33	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/10/14 13:33	1
Chloroethane	ND		0.50	0.50	ug/L			10/10/14 13:33	1
Chloroform	ND		0.50	0.50	ug/L			10/10/14 13:33	1
Chloromethane	ND		0.50	0.50	ug/L			10/10/14 13:33	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/10/14 13:33	1
Dibromomethane	ND		0.50	0.50	ug/L			10/10/14 13:33	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/10/14 13:33	1

Client Sample ID: 15 DUCK PASS

Lab Sample ID: 480-68555-17

Date Collected: 10/02/14 11:40

Matrix: Water

Date Received: 10/03/14 10:30

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/10/14 13:33	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/10/14 13:33	1
Ethyl ether	ND		0.50	0.50	ug/L			10/10/14 13:33	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/10/14 13:33	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/10/14 13:33	1
Iodomethane	ND		0.50	0.50	ug/L			10/10/14 13:33	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/10/14 13:33	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/10/14 13:33	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/10/14 13:33	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/10/14 13:33	1
Naphthalene	ND		0.50	0.50	ug/L			10/10/14 13:33	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/10/14 13:33	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/10/14 13:33	1
o-Xylene	ND		0.50	0.50	ug/L			10/10/14 13:33	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/10/14 13:33	1
Styrene	ND		0.50	0.50	ug/L			10/10/14 13:33	1
t-Butanol	ND		10	10	ug/L			10/10/14 13:33	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/10/14 13:33	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/10/14 13:33	1
Toluene	ND		0.50	0.50	ug/L			10/10/14 13:33	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/10/14 13:33	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/10/14 13:33	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/10/14 13:33	1
Trichloroethene	ND		0.20	0.20	ug/L			10/10/14 13:33	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/10/14 13:33	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/10/14 13:33	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/10/14 13:33	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/10/14 13:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*106*		*80 - 120*		*10/10/14 13:33*	*1*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*		*10/10/14 13:33*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**21.7**		0.50	0.50	mg/L			10/15/14 23:01	1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-68555-18

Date Collected: 10/02/14 00:00

Matrix: Water

Date Received: 10/03/14 10:30

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/10/14 13:59	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/10/14 13:59	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/10/14 13:59	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/10/14 13:59	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/10/14 13:59	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/10/14 13:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/10/14 13:59	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/10/14 13:59	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/10/14 13:59	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/10/14 13:59	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/10/14 13:59	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/10/14 13:59	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/10/14 13:59	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/10/14 13:59	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/10/14 13:59	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/10/14 13:59	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/10/14 13:59	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/10/14 13:59	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/10/14 13:59	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/10/14 13:59	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/10/14 13:59	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/10/14 13:59	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/10/14 13:59	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/10/14 13:59	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/10/14 13:59	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/10/14 13:59	1
2-Hexanone	ND		2.5	2.5	ug/L			10/10/14 13:59	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/10/14 13:59	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/10/14 13:59	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/10/14 13:59	1
Acetone	ND		2.5	2.5	ug/L			10/10/14 13:59	1
Acrylonitrile	ND		10	10	ug/L			10/10/14 13:59	1
Allyl chloride	ND		0.50	0.50	ug/L			10/10/14 13:59	1
Benzene	ND		0.50	0.50	ug/L			10/10/14 13:59	1
Bromobenzene	ND		0.50	0.50	ug/L			10/10/14 13:59	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/10/14 13:59	1
Bromoform	ND		0.50	0.50	ug/L			10/10/14 13:59	1
Bromomethane	ND		0.50	0.50	ug/L			10/10/14 13:59	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/10/14 13:59	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/10/14 13:59	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/10/14 13:59	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/10/14 13:59	1
Chloroethane	ND		0.50	0.50	ug/L			10/10/14 13:59	1
Chloroform	ND		0.50	0.50	ug/L			10/10/14 13:59	1
Chloromethane	ND		0.50	0.50	ug/L			10/10/14 13:59	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/10/14 13:59	1
Dibromomethane	ND		0.50	0.50	ug/L			10/10/14 13:59	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/10/14 13:59	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-68555-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-68555-18

Date Collected: 10/02/14 00:00

Matrix: Water

Date Received: 10/03/14 10:30

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/10/14 13:59	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/10/14 13:59	1
Ethyl ether	ND		0.50	0.50	ug/L			10/10/14 13:59	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/10/14 13:59	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/10/14 13:59	1
Iodomethane	ND		0.50	0.50	ug/L			10/10/14 13:59	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/10/14 13:59	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/10/14 13:59	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/10/14 13:59	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/10/14 13:59	1
Naphthalene	ND		0.50	0.50	ug/L			10/10/14 13:59	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/10/14 13:59	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/10/14 13:59	1
o-Xylene	ND		0.50	0.50	ug/L			10/10/14 13:59	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/10/14 13:59	1
Styrene	ND		0.50	0.50	ug/L			10/10/14 13:59	1
t-Butanol	ND		10	10	ug/L			10/10/14 13:59	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/10/14 13:59	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/10/14 13:59	1
Toluene	ND		0.50	0.50	ug/L			10/10/14 13:59	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/10/14 13:59	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/10/14 13:59	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/10/14 13:59	1
Trichloroethene	ND		0.20	0.20	ug/L			10/10/14 13:59	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/10/14 13:59	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/10/14 13:59	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/10/14 13:59	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/10/14 13:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*102*		*80 - 120*		*10/10/14 13:59*	*1*
4-Bromofluorobenzene (Surr)	*91*		*80 - 120*		*10/10/14 13:59*	*1*

Surrogate Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-68555-1

Method: 524.2 - Volatile Organic Compounds (GC/MS)

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

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	12DCB (80-120)	BFB (80-120)								
480-68555-1	W-141001-MLR-055	102	91								
480-68555-1 MS	W-141001-MLR-055	102	98								
480-68555-1 MSD	W-141001-MLR-055	101	100								
480-68555-2	W-141001-MLR-056	108	90								
480-68555-3	W-141001-MLR-057	105	92								
480-68555-4	W-141001-MLR-058	107	91								
480-68555-5	W-141001-MLR-059	102	90								
480-68555-6	W-141001-MLR-060	105	94								
480-68555-7	W-141001-MLR-061	105	96								
480-68555-8	W-141001-MLR-062	102	93								
480-68555-9	W-141001-MLR-063	104	91								
480-68555-10	W-141002-MLR-064	104	92								
480-68555-11	W-141002-MLR-065	104	90								
480-68555-12	W-141002-MLR-066	104	90								
480-68555-13	1 HUMMING BIRD	102	90								
480-68555-14	50 EAST OAKS	105	90								
480-68555-15	50 EAST OAKS DUP	105	89								
480-68555-16	8 WEST SHORE	103	93								
480-68555-17	15 DUCK PASS	106	93								
480-68555-18	TRIP BLANK	102	91								
LCS 480-207066/4	Lab Control Sample	101	100								
LCS 480-207243/5	Lab Control Sample	100	99								
MB 480-207066/5	Method Blank	102	91								
MB 480-207243/6	Method Blank	99	95								

Surrogate Legend

12DCB = 1,2-Dichlorobenzene-d4

BFB = 4-Bromofluorobenzene (Surr)

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-207066/5
Matrix: Water
Analysis Batch: 207066

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/10/14 11:51	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/10/14 11:51	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/10/14 11:51	1

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/10/14 11:51	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/10/14 11:51	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/10/14 11:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/10/14 11:51	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/10/14 11:51	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/10/14 11:51	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/10/14 11:51	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/10/14 11:51	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/10/14 11:51	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/10/14 11:51	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/10/14 11:51	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/10/14 11:51	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/10/14 11:51	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/10/14 11:51	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/10/14 11:51	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/10/14 11:51	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/10/14 11:51	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/10/14 11:51	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/10/14 11:51	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/10/14 11:51	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/10/14 11:51	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/10/14 11:51	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/10/14 11:51	1
2-Hexanone	ND		2.5	2.5	ug/L			10/10/14 11:51	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/10/14 11:51	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/10/14 11:51	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/10/14 11:51	1
Acetone	ND		2.5	2.5	ug/L			10/10/14 11:51	1
Acrylonitrile	ND		10	10	ug/L			10/10/14 11:51	1
Allyl chloride	ND		0.50	0.50	ug/L			10/10/14 11:51	1
Benzene	ND		0.50	0.50	ug/L			10/10/14 11:51	1
Bromobenzene	ND		0.50	0.50	ug/L			10/10/14 11:51	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/10/14 11:51	1
Bromoform	ND		0.50	0.50	ug/L			10/10/14 11:51	1
Bromomethane	ND		0.50	0.50	ug/L			10/10/14 11:51	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/10/14 11:51	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/10/14 11:51	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/10/14 11:51	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/10/14 11:51	1
Chloroethane	ND		0.50	0.50	ug/L			10/10/14 11:51	1
Chloroform	ND		0.50	0.50	ug/L			10/10/14 11:51	1
Chloromethane	ND		0.50	0.50	ug/L			10/10/14 11:51	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/10/14 11:51	1

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-207066/5
Matrix: Water
Analysis Batch: 207066

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

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	ND		0.50	0.50	ug/L			10/10/14 11:51	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/10/14 11:51	1
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/10/14 11:51	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/10/14 11:51	1
Ethyl ether	ND		0.50	0.50	ug/L			10/10/14 11:51	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/10/14 11:51	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/10/14 11:51	1
Iodomethane	ND		0.50	0.50	ug/L			10/10/14 11:51	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/10/14 11:51	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/10/14 11:51	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/10/14 11:51	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/10/14 11:51	1
Naphthalene	ND		0.50	0.50	ug/L			10/10/14 11:51	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/10/14 11:51	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/10/14 11:51	1
o-Xylene	ND		0.50	0.50	ug/L			10/10/14 11:51	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/10/14 11:51	1
Styrene	ND		0.50	0.50	ug/L			10/10/14 11:51	1
t-Butanol	ND		10	10	ug/L			10/10/14 11:51	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/10/14 11:51	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/10/14 11:51	1
Toluene	ND		0.50	0.50	ug/L			10/10/14 11:51	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/10/14 11:51	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/10/14 11:51	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/10/14 11:51	1
Trichloroethene	ND		0.20	0.20	ug/L			10/10/14 11:51	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/10/14 11:51	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/10/14 11:51	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/10/14 11:51	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/10/14 11:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*102*		*80 - 120*		*10/10/14 11:51*	*1*
4-Bromofluorobenzene (Surr)	*91*		*80 - 120*		*10/10/14 11:51*	*1*

Lab Sample ID: LCS 480-207066/4
Matrix: Water
Analysis Batch: 207066

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	4.00	4.04		ug/L		101	70 - 130
cis-1,2-Dichloroethene	4.00	4.00		ug/L		100	70 - 130
Vinyl chloride	4.00	3.72		ug/L		93	70 - 130

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	4.00	3.58		ug/L		89	70 - 130
1,1,1-Trichloroethane	4.00	3.89		ug/L		97	70 - 130
1,1,2,2-Tetrachloroethane	4.00	3.19		ug/L		80	70 - 130

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-207066/4
Matrix: Water
Analysis Batch: 207066

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trichloroethane	4.00	3.01		ug/L		75	70 - 130
1,1-Dichloroethene	4.00	4.00		ug/L		100	70 - 130
1,1-Dichloropropene	4.00	3.79		ug/L		95	70 - 130
1,2,3-Trichlorobenzene	4.00	3.47		ug/L		87	70 - 130
1,2,3-Trichloropropane	4.00	3.38		ug/L		85	70 - 130
1,2,4-Trichlorobenzene	4.00	3.36		ug/L		84	70 - 130
1,2,4-Trimethylbenzene	4.00	3.42		ug/L		85	70 - 130
1,2-Dibromo-3-Chloropropane	4.00	3.08		ug/L		77	70 - 130
1,2-Dibromoethane	4.00	3.23		ug/L		81	70 - 130
1,2-Dichlorobenzene	4.00	3.59		ug/L		90	70 - 130
1,2-Dichloroethane	4.00	3.74		ug/L		93	70 - 130
1,2-Dichloropropane	4.00	3.56		ug/L		89	70 - 130
1,3,5-Trimethylbenzene	4.00	3.51		ug/L		88	70 - 130
1,3-Dichlorobenzene	4.00	3.59		ug/L		90	70 - 130
1,3-Dichloropropane	4.00	3.13		ug/L		78	70 - 130
1,4-Dichlorobenzene	4.00	3.65		ug/L		91	70 - 130
2,2-Dichloropropane	4.00	4.11		ug/L		103	70 - 130
2-Butanone (MEK)	20.0	16.0		ug/L		80	70 - 130
2-Chlorotoluene	4.00	3.55		ug/L		89	70 - 130
2-Hexanone	20.0	14.8		ug/L		74	70 - 130
4-Chlorotoluene	4.00	3.55		ug/L		89	70 - 130
4-Isopropyltoluene	4.00	3.41		ug/L		85	70 - 130
4-Methyl-2-pentanone (MIBK)	20.0	14.2		ug/L		71	70 - 130
Acetone	20.0	20.0		ug/L		100	70 - 130
Benzene	4.00	3.60		ug/L		90	70 - 130
Bromobenzene	4.00	3.59		ug/L		90	70 - 130
Bromochloromethane	4.00	3.92		ug/L		98	70 - 130
Bromoform	4.00	3.51		ug/L		88	70 - 130
Bromomethane	4.00	4.89		ug/L		122	70 - 130
Carbon disulfide	4.00	4.13		ug/L		103	70 - 130
Carbon tetrachloride	4.00	4.00		ug/L		100	70 - 130
Chlorobenzene	4.00	3.58		ug/L		90	70 - 130
Chlorodibromomethane	4.00	3.60		ug/L		90	70 - 130
Chloroethane	4.00	4.27		ug/L		107	70 - 130
Chloroform	4.00	3.87		ug/L		97	70 - 130
Chloromethane	4.00	3.63		ug/L		91	70 - 130
cis-1,3-Dichloropropene	4.00	3.52		ug/L		88	70 - 130
Dibromomethane	4.00	3.60		ug/L		90	70 - 130
Dichlorobromomethane	4.00	3.54		ug/L		88	70 - 130
Dichlorodifluoromethane	4.00	3.14		ug/L		78	70 - 130
Ethylbenzene	4.00	3.51		ug/L		88	70 - 130
Hexachlorobutadiene	4.00	3.51		ug/L		88	70 - 130
Isopropylbenzene	4.00	3.53		ug/L		88	70 - 130
Methyl tert-butyl ether	4.00	3.46		ug/L		86	70 - 130
Methylene Chloride	4.00	3.85		ug/L		96	70 - 130
Naphthalene	4.00	3.23		ug/L		81	70 - 130
n-Butylbenzene	4.00	3.41		ug/L		85	70 - 130
n-Propylbenzene	4.00	3.47		ug/L		87	70 - 130

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-207066/4
Matrix: Water
Analysis Batch: 207066

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
sec-Butylbenzene	4.00	3.44		ug/L		86	70 - 130
Styrene	4.00	3.29		ug/L		82	70 - 130
tert-Butylbenzene	4.00	3.45		ug/L		86	70 - 130
Tetrachloroethene	4.00	3.60		ug/L		90	70 - 130
Toluene	4.00	3.52		ug/L		88	70 - 130
trans-1,2-Dichloroethene	4.00	3.96		ug/L		99	70 - 130
trans-1,3-Dichloropropene	4.00	3.77		ug/L		94	70 - 130
Trichloroethene	4.00	3.58		ug/L		90	70 - 130
Trichlorofluoromethane	4.00	4.21		ug/L		105	70 - 130
Xylenes, Total	8.00	7.18		ug/L		90	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichlorobenzene-d4	*101*		*80 - 120*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*

Lab Sample ID: MB 480-207243/6
Matrix: Water
Analysis Batch: 207243

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/11/14 13:26	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/11/14 13:26	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/11/14 13:26	1

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/11/14 13:26	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/11/14 13:26	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/11/14 13:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/11/14 13:26	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/11/14 13:26	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/11/14 13:26	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/11/14 13:26	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 13:26	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/11/14 13:26	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 13:26	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/11/14 13:26	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/11/14 13:26	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/11/14 13:26	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 13:26	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/11/14 13:26	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/11/14 13:26	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/11/14 13:26	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 13:26	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/11/14 13:26	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/11/14 13:26	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/11/14 13:26	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/11/14 13:26	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/11/14 13:26	1

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-207243/6
Matrix: Water
Analysis Batch: 207243

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

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
2-Hexanone	ND		2.5	2.5	ug/L			10/11/14 13:26	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/11/14 13:26	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/11/14 13:26	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/11/14 13:26	1
Acetone	ND		2.5	2.5	ug/L			10/11/14 13:26	1
Acrylonitrile	ND		10	10	ug/L			10/11/14 13:26	1
Allyl chloride	ND		0.50	0.50	ug/L			10/11/14 13:26	1
Benzene	ND		0.50	0.50	ug/L			10/11/14 13:26	1
Bromobenzene	ND		0.50	0.50	ug/L			10/11/14 13:26	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/11/14 13:26	1
Bromoform	ND		0.50	0.50	ug/L			10/11/14 13:26	1
Bromomethane	ND		0.50	0.50	ug/L			10/11/14 13:26	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/11/14 13:26	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/11/14 13:26	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/11/14 13:26	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/11/14 13:26	1
Chloroethane	ND		0.50	0.50	ug/L			10/11/14 13:26	1
Chloroform	ND		0.50	0.50	ug/L			10/11/14 13:26	1
Chloromethane	ND		0.50	0.50	ug/L			10/11/14 13:26	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/11/14 13:26	1
Dibromomethane	ND		0.50	0.50	ug/L			10/11/14 13:26	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/11/14 13:26	1
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/11/14 13:26	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/11/14 13:26	1
Ethyl ether	ND		0.50	0.50	ug/L			10/11/14 13:26	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/11/14 13:26	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/11/14 13:26	1
Iodomethane	ND		0.50	0.50	ug/L			10/11/14 13:26	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/11/14 13:26	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/11/14 13:26	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/11/14 13:26	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/11/14 13:26	1
Naphthalene	ND		0.50	0.50	ug/L			10/11/14 13:26	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/11/14 13:26	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/11/14 13:26	1
o-Xylene	ND		0.50	0.50	ug/L			10/11/14 13:26	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/11/14 13:26	1
Styrene	ND		0.50	0.50	ug/L			10/11/14 13:26	1
t-Butanol	ND		10	10	ug/L			10/11/14 13:26	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/11/14 13:26	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/11/14 13:26	1
Toluene	ND		0.50	0.50	ug/L			10/11/14 13:26	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/11/14 13:26	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/11/14 13:26	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/11/14 13:26	1
Trichloroethene	ND		0.20	0.20	ug/L			10/11/14 13:26	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/11/14 13:26	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/11/14 13:26	1

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-207243/6
Matrix: Water
Analysis Batch: 207243

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

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl acetate	ND		2.5	2.5	ug/L			10/11/14 13:26	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/11/14 13:26	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*99*		*80 - 120*		*10/11/14 13:26*	*1*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*		*10/11/14 13:26*	*1*

Lab Sample ID: LCS 480-207243/5
Matrix: Water
Analysis Batch: 207243

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	4.00	3.87		ug/L		97	70 - 130
cis-1,2-Dichloroethene	4.00	3.78		ug/L		95	70 - 130
Vinyl chloride	4.00	3.64		ug/L		91	70 - 130

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	4.00	3.72		ug/L		93	70 - 130
1,1,1-Trichloroethane	4.00	3.74		ug/L		94	70 - 130
1,1,2,2-Tetrachloroethane	4.00	3.64		ug/L		91	70 - 130
1,1,2-Trichloroethane	4.00	3.53		ug/L		88	70 - 130
1,1-Dichloroethene	4.00	4.17		ug/L		104	70 - 130
1,1-Dichloropropene	4.00	3.87		ug/L		97	70 - 130
1,2,3-Trichlorobenzene	4.00	3.51		ug/L		88	70 - 130
1,2,3-Trichloropropane	4.00	3.72		ug/L		93	70 - 130
1,2,4-Trichlorobenzene	4.00	3.45		ug/L		86	70 - 130
1,2,4-Trimethylbenzene	4.00	3.49		ug/L		87	70 - 130
1,2-Dibromo-3-Chloropropane	4.00	4.10		ug/L		102	70 - 130
1,2-Dibromoethane	4.00	3.61		ug/L		90	70 - 130
1,2-Dichlorobenzene	4.00	3.60		ug/L		90	70 - 130
1,2-Dichloroethane	4.00	3.81		ug/L		95	70 - 130
1,2-Dichloropropane	4.00	3.86		ug/L		97	70 - 130
1,3,5-Trimethylbenzene	4.00	3.49		ug/L		87	70 - 130
1,3-Dichlorobenzene	4.00	3.53		ug/L		88	70 - 130
1,3-Dichloropropane	4.00	3.61		ug/L		90	70 - 130
1,4-Dichlorobenzene	4.00	3.57		ug/L		89	70 - 130
2,2-Dichloropropane	4.00	3.76		ug/L		94	70 - 130
2-Butanone (MEK)	20.0	21.6		ug/L		108	70 - 130
2-Chlorotoluene	4.00	3.49		ug/L		87	70 - 130
2-Hexanone	20.0	19.6		ug/L		98	70 - 130
4-Chlorotoluene	4.00	3.51		ug/L		88	70 - 130
4-Isopropyltoluene	4.00	3.42		ug/L		85	70 - 130
4-Methyl-2-pentanone (MIBK)	20.0	18.8		ug/L		94	70 - 130
Acetone	20.0	25.1		ug/L		125	70 - 130
Benzene	4.00	3.70		ug/L		93	70 - 130
Bromobenzene	4.00	3.44		ug/L		86	70 - 130
Bromochloromethane	4.00	3.71		ug/L		93	70 - 130
Bromoform	4.00	3.96		ug/L		99	70 - 130

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-207243/5
Matrix: Water
Analysis Batch: 207243

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromomethane	4.00	5.05		ug/L		126	70 - 130
Carbon disulfide	4.00	4.02		ug/L		101	70 - 130
Carbon tetrachloride	4.00	3.99		ug/L		100	70 - 130
Chlorobenzene	4.00	3.66		ug/L		92	70 - 130
Chlorodibromomethane	4.00	3.78		ug/L		95	70 - 130
Chloroethane	4.00	4.18		ug/L		104	70 - 130
Chloroform	4.00	3.73		ug/L		93	70 - 130
Chloromethane	4.00	3.28		ug/L		82	70 - 130
cis-1,3-Dichloropropene	4.00	4.07		ug/L		102	70 - 130
Dibromomethane	4.00	3.87		ug/L		97	70 - 130
Dichlorobromomethane	4.00	3.86		ug/L		96	70 - 130
Dichlorodifluoromethane	4.00	3.19		ug/L		80	70 - 130
Ethylbenzene	4.00	3.52		ug/L		88	70 - 130
Hexachlorobutadiene	4.00	3.41		ug/L		85	70 - 130
Isopropylbenzene	4.00	3.52		ug/L		88	70 - 130
Methyl tert-butyl ether	4.00	3.96		ug/L		99	70 - 130
Methylene Chloride	4.00	3.89		ug/L		97	70 - 130
Naphthalene	4.00	3.73		ug/L		93	70 - 130
n-Butylbenzene	4.00	3.42		ug/L		85	70 - 130
n-Propylbenzene	4.00	3.48		ug/L		87	70 - 130
sec-Butylbenzene	4.00	3.46		ug/L		86	70 - 130
Styrene	4.00	3.33		ug/L		83	70 - 130
tert-Butylbenzene	4.00	3.45		ug/L		86	70 - 130
Tetrachloroethene	4.00	3.66		ug/L		92	70 - 130
Toluene	4.00	3.51		ug/L		88	70 - 130
trans-1,2-Dichloroethene	4.00	4.00		ug/L		100	70 - 130
trans-1,3-Dichloropropene	4.00	3.80		ug/L		95	70 - 130
Trichloroethene	4.00	3.66		ug/L		91	70 - 130
Trichlorofluoromethane	4.00	4.03		ug/L		101	70 - 130
Xylenes, Total	8.00	7.16		ug/L		90	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichlorobenzene-d4	*100*		*80 - 120*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*

Lab Sample ID: 480-68555-1 MS
Matrix: Water
Analysis Batch: 207243

Client Sample ID: W-141001-MLR-055
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	ND		4.00	4.10		ug/L		103	70 - 130
cis-1,2-Dichloroethene	ND		4.00	3.88		ug/L		97	70 - 130
Vinyl chloride	ND		4.00	3.61		ug/L		90	70 - 130

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	ND		4.00	3.55		ug/L		89	70 - 130
1,1,1-Trichloroethane	ND		4.00	3.89		ug/L		97	70 - 130
1,1,2,2-Tetrachloroethane	ND		4.00	3.65		ug/L		91	70 - 130

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-68555-1 MS
Matrix: Water
Analysis Batch: 207243

Client Sample ID: W-141001-MLR-055
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trichloroethane	ND		4.00	3.44		ug/L		86	70 - 130
1,1-Dichloroethene	ND		4.00	3.94		ug/L		99	70 - 130
1,1-Dichloropropene	ND		4.00	3.94		ug/L		98	70 - 130
1,2,3-Trichlorobenzene	ND		4.00	3.54		ug/L		89	70 - 130
1,2,3-Trichloropropane	ND		4.00	3.71		ug/L		93	70 - 130
1,2,4-Trichlorobenzene	ND		4.00	3.48		ug/L		87	70 - 130
1,2,4-Trimethylbenzene	ND		4.00	3.33		ug/L		83	70 - 130
1,2-Dibromo-3-Chloropropane	ND		4.00	4.11		ug/L		103	70 - 130
1,2-Dibromoethane	ND		4.00	3.49		ug/L		87	70 - 130
1,2-Dichlorobenzene	ND		4.00	3.52		ug/L		88	70 - 130
1,2-Dichloroethane	ND		4.00	3.90		ug/L		98	70 - 130
1,2-Dichloropropane	ND		4.00	3.70		ug/L		92	70 - 130
1,3,5-Trimethylbenzene	ND		4.00	3.13		ug/L		78	70 - 130
1,3-Dichlorobenzene	ND		4.00	3.49		ug/L		87	70 - 130
1,3-Dichloropropane	ND		4.00	3.40		ug/L		85	70 - 130
1,4-Dichlorobenzene	ND		4.00	3.62		ug/L		91	70 - 130
2,2-Dichloropropane	ND		4.00	4.02		ug/L		100	70 - 130
2-Butanone (MEK)	ND		20.0	19.9		ug/L		100	70 - 130
2-Chlorotoluene	ND		4.00	3.54		ug/L		89	70 - 130
2-Hexanone	ND		20.0	17.8		ug/L		89	70 - 130
4-Chlorotoluene	ND		4.00	3.52		ug/L		88	70 - 130
4-Isopropyltoluene	ND		4.00	3.41		ug/L		85	70 - 130
4-Methyl-2-pentanone (MIBK)	ND		20.0	18.4		ug/L		92	70 - 130
Acetone	ND		20.0	21.6		ug/L		108	70 - 130
Benzene	ND		4.00	3.76		ug/L		94	70 - 130
Bromobenzene	ND		4.00	3.55		ug/L		89	70 - 130
Bromochloromethane	ND		4.00	3.73		ug/L		93	70 - 130
Bromoform	ND		4.00	3.12		ug/L		78	70 - 130
Bromomethane	ND		4.00	4.59		ug/L		115	70 - 130
Carbon disulfide	ND		4.00	3.95		ug/L		99	70 - 130
Carbon tetrachloride	ND		4.00	4.05		ug/L		101	70 - 130
Chlorobenzene	ND		4.00	3.54		ug/L		88	70 - 130
Chlorodibromomethane	ND		4.00	3.28		ug/L		82	70 - 130
Chloroethane	ND		4.00	4.21		ug/L		105	70 - 130
Chloroform	ND		4.00	3.68		ug/L		92	70 - 130
Chloromethane	ND		4.00	3.54		ug/L		88	70 - 130
cis-1,3-Dichloropropene	ND		4.00	3.57		ug/L		89	70 - 130
Dibromomethane	ND		4.00	3.69		ug/L		92	70 - 130
Dichlorobromomethane	ND		4.00	3.50		ug/L		87	70 - 130
Dichlorodifluoromethane	ND		4.00	3.06		ug/L		77	70 - 130
Ethylbenzene	ND		4.00	3.36		ug/L		84	70 - 130
Hexachlorobutadiene	ND		4.00	3.79		ug/L		95	70 - 130
Isopropylbenzene	ND		4.00	3.40		ug/L		85	70 - 130
Methyl tert-butyl ether	ND		4.00	3.88		ug/L		97	70 - 130
Methylene Chloride	ND		4.00	3.97		ug/L		99	70 - 130
Naphthalene	ND		4.00	3.43		ug/L		86	70 - 130
n-Butylbenzene	ND		4.00	3.52		ug/L		88	70 - 130
n-Propylbenzene	ND		4.00	3.53		ug/L		88	70 - 130

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-68555-1 MS
Matrix: Water
Analysis Batch: 207243

Client Sample ID: W-141001-MLR-055
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
sec-Butylbenzene	ND		4.00	3.61		ug/L		90	70 - 130
Styrene	ND		4.00	2.63	F1	ug/L		66	70 - 130
tert-Butylbenzene	ND		4.00	3.62		ug/L		90	70 - 130
Tetrachloroethene	ND		4.00	3.60		ug/L		90	70 - 130
Toluene	ND		4.00	3.58		ug/L		90	70 - 130
trans-1,2-Dichloroethene	ND		4.00	4.03		ug/L		101	70 - 130
trans-1,3-Dichloropropene	ND		4.00	3.91		ug/L		98	70 - 130
Trichloroethene	ND		4.00	3.56		ug/L		89	70 - 130
Trichlorofluoromethane	ND		4.00	4.08		ug/L		102	70 - 130
Xylenes, Total	ND		8.00	6.85		ug/L		86	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichlorobenzene-d4	*102*		*80 - 120*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*

Lab Sample ID: 480-68555-1 MSD
Matrix: Water
Analysis Batch: 207243

Client Sample ID: W-141001-MLR-055
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethane	ND		4.00	4.01		ug/L		100	70 - 130	2	20
cis-1,2-Dichloroethene	ND		4.00	3.91		ug/L		98	70 - 130	1	20
Vinyl chloride	ND		4.00	4.52	F2	ug/L		113	70 - 130	22	20

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	ND		4.00	3.52		ug/L		88	70 - 130	1	20
1,1,1-Trichloroethane	ND		4.00	3.79		ug/L		95	70 - 130	3	20
1,1,2,2-Tetrachloroethane	ND		4.00	3.51		ug/L		88	70 - 130	4	20
1,1,2-Trichloroethane	ND		4.00	3.28		ug/L		82	70 - 130	5	20
1,1-Dichloroethene	ND		4.00	4.05		ug/L		101	70 - 130	3	20
1,1-Dichloropropene	ND		4.00	3.75		ug/L		94	70 - 130	5	20
1,2,3-Trichlorobenzene	ND		4.00	3.58		ug/L		90	70 - 130	1	20
1,2,3-Trichloropropane	ND		4.00	3.60		ug/L		90	70 - 130	3	20
1,2,4-Trichlorobenzene	ND		4.00	3.44		ug/L		86	70 - 130	1	20
1,2,4-Trimethylbenzene	ND		4.00	3.14		ug/L		79	70 - 130	6	20
1,2-Dibromo-3-Chloropropane	ND		4.00	3.90		ug/L		98	70 - 130	5	20
1,2-Dibromoethane	ND		4.00	3.41		ug/L		85	70 - 130	2	20
1,2-Dichlorobenzene	ND		4.00	3.59		ug/L		90	70 - 130	2	20
1,2-Dichloroethane	ND		4.00	3.76		ug/L		94	70 - 130	4	20
1,2-Dichloropropane	ND		4.00	3.57		ug/L		89	70 - 130	4	20
1,3,5-Trimethylbenzene	ND		4.00	2.88		ug/L		72	70 - 130	8	20
1,3-Dichlorobenzene	ND		4.00	3.64		ug/L		91	70 - 130	4	20
1,3-Dichloropropane	ND		4.00	3.26		ug/L		81	70 - 130	4	20
1,4-Dichlorobenzene	ND		4.00	3.62		ug/L		91	70 - 130	0	20
2,2-Dichloropropane	ND		4.00	4.00		ug/L		100	70 - 130	0	20
2-Butanone (MEK)	ND		20.0	17.0		ug/L		85	70 - 130	16	20
2-Chlorotoluene	ND		4.00	3.57		ug/L		89	70 - 130	1	20
2-Hexanone	ND		20.0	17.2		ug/L		86	70 - 130	4	20

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-68555-1 MSD
Matrix: Water
Analysis Batch: 207243

Client Sample ID: W-141001-MLR-055
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4-Chlorotoluene	ND		4.00	3.46		ug/L		86	70 - 130	2	20
4-Isopropyltoluene	ND		4.00	3.45		ug/L		86	70 - 130	1	20
4-Methyl-2-pentanone (MIBK)	ND		20.0	17.3		ug/L		86	70 - 130	6	20
Acetone	ND		20.0	20.5		ug/L		102	70 - 130	5	20
Benzene	ND		4.00	3.69		ug/L		92	70 - 130	2	20
Bromobenzene	ND		4.00	3.53		ug/L		88	70 - 130	1	20
Bromochloromethane	ND		4.00	4.12		ug/L		103	70 - 130	10	20
Bromoform	ND		4.00	3.33		ug/L		83	70 - 130	7	20
Bromomethane	ND		4.00	5.84	F1 F2	ug/L		146	70 - 130	24	20
Carbon disulfide	ND		4.00	4.02		ug/L		101	70 - 130	2	20
Carbon tetrachloride	ND		4.00	4.08		ug/L		102	70 - 130	1	20
Chlorobenzene	ND		4.00	3.58		ug/L		89	70 - 130	1	20
Chlorodibromomethane	ND		4.00	3.25		ug/L		81	70 - 130	1	20
Chloroethane	ND		4.00	5.00		ug/L		125	70 - 130	17	20
Chloroform	ND		4.00	3.77		ug/L		94	70 - 130	2	20
Chloromethane	ND		4.00	4.37	F2	ug/L		109	70 - 130	21	20
cis-1,3-Dichloropropene	ND		4.00	3.64		ug/L		91	70 - 130	2	20
Dibromomethane	ND		4.00	3.79		ug/L		95	70 - 130	2	20
Dichlorobromomethane	ND		4.00	3.61		ug/L		90	70 - 130	3	20
Dichlorodifluoromethane	ND		4.00	3.61		ug/L		90	70 - 130	16	20
Ethylbenzene	ND		4.00	3.40		ug/L		85	70 - 130	1	20
Hexachlorobutadiene	ND		4.00	3.73		ug/L		93	70 - 130	1	20
Isopropylbenzene	ND		4.00	3.46		ug/L		86	70 - 130	2	20
Methyl tert-butyl ether	ND		4.00	3.63		ug/L		91	70 - 130	7	20
Methylene Chloride	ND		4.00	3.92		ug/L		98	70 - 130	1	20
Naphthalene	ND		4.00	3.58		ug/L		89	70 - 130	4	20
n-Butylbenzene	ND		4.00	3.61		ug/L		90	70 - 130	2	20
n-Propylbenzene	ND		4.00	3.49		ug/L		87	70 - 130	1	20
sec-Butylbenzene	ND		4.00	3.61		ug/L		90	70 - 130	0	20
Styrene	ND		4.00	2.36	F1	ug/L		59	70 - 130	11	20
tert-Butylbenzene	ND		4.00	3.50		ug/L		87	70 - 130	3	20
Tetrachloroethene	ND		4.00	3.80		ug/L		95	70 - 130	5	20
Toluene	ND		4.00	3.45		ug/L		86	70 - 130	4	20
trans-1,2-Dichloroethene	ND		4.00	4.07		ug/L		102	70 - 130	1	20
trans-1,3-Dichloropropene	ND		4.00	3.67		ug/L		92	70 - 130	7	20
Trichloroethene	ND		4.00	3.48		ug/L		87	70 - 130	2	20
Trichlorofluoromethane	ND		4.00	4.86		ug/L		121	70 - 130	17	20
Xylenes, Total	ND		8.00	6.63		ug/L		83	70 - 130	3	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichlorobenzene-d4	*101*		*80 - 120*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 480-207856/4 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207856

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	0.50	mg/L			10/15/14 19:28	1

Lab Sample ID: LCS 480-207856/3 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207856

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride			20.0	19.69		mg/L		98	90 - 110		

Lab Sample ID: 480-68555-1 MS — **Client Sample ID: W-141001-MLR-055**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207856

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	39.9		25.0	65.89		mg/L		104	90 - 110		

Lab Sample ID: 480-68555-1 MSD — **Client Sample ID: W-141001-MLR-055**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207856

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	39.9		25.0	65.19		mg/L		101	90 - 110	1	20

QC Association Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-68555-1

GC/MS VOA

Analysis Batch: 207066

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-68555-17	15 DUCK PASS	Total/NA	Water	524.2	
480-68555-18	TRIP BLANK	Total/NA	Water	524.2	
LCS 480-207066/4	Lab Control Sample	Total/NA	Water	524.2	
MB 480-207066/5	Method Blank	Total/NA	Water	524.2	

Analysis Batch: 207243

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-68555-1	W-141001-MLR-055	Total/NA	Water	524.2	
480-68555-1 MS	W-141001-MLR-055	Total/NA	Water	524.2	
480-68555-1 MSD	W-141001-MLR-055	Total/NA	Water	524.2	
480-68555-2	W-141001-MLR-056	Total/NA	Water	524.2	
480-68555-3	W-141001-MLR-057	Total/NA	Water	524.2	
480-68555-4	W-141001-MLR-058	Total/NA	Water	524.2	
480-68555-5	W-141001-MLR-059	Total/NA	Water	524.2	
480-68555-6	W-141001-MLR-060	Total/NA	Water	524.2	
480-68555-7	W-141001-MLR-061	Total/NA	Water	524.2	
480-68555-8	W-141001-MLR-062	Total/NA	Water	524.2	
480-68555-9	W-141001-MLR-063	Total/NA	Water	524.2	
480-68555-10	W-141002-MLR-064	Total/NA	Water	524.2	
480-68555-11	W-141002-MLR-065	Total/NA	Water	524.2	
480-68555-12	W-141002-MLR-066	Total/NA	Water	524.2	
480-68555-13	1 HUMMING BIRD	Total/NA	Water	524.2	
480-68555-14	50 EAST OAKS	Total/NA	Water	524.2	
480-68555-15	50 EAST OAKS DUP	Total/NA	Water	524.2	
480-68555-16	8 WEST SHORE	Total/NA	Water	524.2	
LCS 480-207243/5	Lab Control Sample	Total/NA	Water	524.2	
MB 480-207243/6	Method Blank	Total/NA	Water	524.2	

General Chemistry

Analysis Batch: 207856

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-68555-1	W-141001-MLR-055	Total/NA	Water	300.0	
480-68555-1 MS	W-141001-MLR-055	Total/NA	Water	300.0	
480-68555-1 MSD	W-141001-MLR-055	Total/NA	Water	300.0	
480-68555-2	W-141001-MLR-056	Total/NA	Water	300.0	
480-68555-3	W-141001-MLR-057	Total/NA	Water	300.0	
480-68555-4	W-141001-MLR-058	Total/NA	Water	300.0	
480-68555-5	W-141001-MLR-059	Total/NA	Water	300.0	
480-68555-6	W-141001-MLR-060	Total/NA	Water	300.0	
480-68555-7	W-141001-MLR-061	Total/NA	Water	300.0	
480-68555-8	W-141001-MLR-062	Total/NA	Water	300.0	
480-68555-9	W-141001-MLR-063	Total/NA	Water	300.0	
480-68555-10	W-141002-MLR-064	Total/NA	Water	300.0	
480-68555-11	W-141002-MLR-065	Total/NA	Water	300.0	
480-68555-12	W-141002-MLR-066	Total/NA	Water	300.0	
480-68555-13	1 HUMMING BIRD	Total/NA	Water	300.0	
480-68555-14	50 EAST OAKS	Total/NA	Water	300.0	
480-68555-15	50 EAST OAKS DUP	Total/NA	Water	300.0	
480-68555-16	8 WEST SHORE	Total/NA	Water	300.0	

General Chemistry (Continued)

Analysis Batch: 207856 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-68555-17	15 DUCK PASS	Total/NA	Water	300.0	
LCS 480-207856/3	Lab Control Sample	Total/NA	Water	300.0	
MB 480-207856/4	Method Blank	Total/NA	Water	300.0	

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-68555-1

Client Sample ID: W-141001-MLR-055 — Lab Sample ID: 480-68555-1

Date Collected: 10/01/14 10:05 — **Matrix: Water**
Date Received: 10/03/14 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	207243	10/11/14 14:00	CDC	TAL BUF
Total/NA	Analysis	300.0		1	207856	10/15/14 19:38	AJM	TAL BUF

Client Sample ID: W-141001-MLR-056 — Lab Sample ID: 480-68555-2

Date Collected: 10/01/14 10:45 — **Matrix: Water**
Date Received: 10/03/14 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	207243	10/11/14 15:21	CDC	TAL BUF
Total/NA	Analysis	300.0		1	207856	10/15/14 20:09	AJM	TAL BUF

Client Sample ID: W-141001-MLR-057 — Lab Sample ID: 480-68555-3

Date Collected: 10/01/14 10:46 — **Matrix: Water**
Date Received: 10/03/14 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	207243	10/11/14 15:48	CDC	TAL BUF
Total/NA	Analysis	300.0		1	207856	10/15/14 20:19	AJM	TAL BUF

Client Sample ID: W-141001-MLR-058 — Lab Sample ID: 480-68555-4

Date Collected: 10/01/14 10:51 — **Matrix: Water**
Date Received: 10/03/14 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	207243	10/11/14 16:15	CDC	TAL BUF
Total/NA	Analysis	300.0		1	207856	10/15/14 20:29	AJM	TAL BUF

Client Sample ID: W-141001-MLR-059 — Lab Sample ID: 480-68555-5

Date Collected: 10/01/14 11:13 — **Matrix: Water**
Date Received: 10/03/14 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	207243	10/11/14 16:41	CDC	TAL BUF
Total/NA	Analysis	300.0		1	207856	10/15/14 20:39	AJM	TAL BUF

Client Sample ID: W-141001-MLR-060 — Lab Sample ID: 480-68555-6

Date Collected: 10/01/14 11:19 — **Matrix: Water**
Date Received: 10/03/14 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	207243	10/11/14 17:08	CDC	TAL BUF

Client Sample ID: W-141001-MLR-060 — Lab Sample ID: 480-68555-6

Date Collected: 10/01/14 11:19 — **Matrix: Water**
Date Received: 10/03/14 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	207856	10/15/14 20:49	AJM	TAL BUF

Client Sample ID: W-141001-MLR-061 — Lab Sample ID: 480-68555-7

Date Collected: 10/01/14 11:48 — **Matrix: Water**
Date Received: 10/03/14 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	207243	10/11/14 17:35	CDC	TAL BUF
Total/NA	Analysis	300.0		1	207856	10/15/14 20:59	AJM	TAL BUF

Client Sample ID: W-141001-MLR-062 — Lab Sample ID: 480-68555-8

Date Collected: 10/01/14 12:16 — **Matrix: Water**
Date Received: 10/03/14 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	207243	10/11/14 18:02	CDC	TAL BUF
Total/NA	Analysis	300.0		1	207856	10/15/14 21:10	AJM	TAL BUF

Client Sample ID: W-141001-MLR-063 — Lab Sample ID: 480-68555-9

Date Collected: 10/01/14 12:36 — **Matrix: Water**
Date Received: 10/03/14 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	207243	10/11/14 18:29	CDC	TAL BUF
Total/NA	Analysis	300.0		1	207856	10/15/14 21:20	AJM	TAL BUF

Client Sample ID: W-141002-MLR-064 — Lab Sample ID: 480-68555-10

Date Collected: 10/02/14 08:55 — **Matrix: Water**
Date Received: 10/03/14 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	207243	10/11/14 18:56	CDC	TAL BUF
Total/NA	Analysis	300.0		1	207856	10/15/14 21:50	AJM	TAL BUF

Client Sample ID: W-141002-MLR-065 — Lab Sample ID: 480-68555-11

Date Collected: 10/02/14 09:16 — **Matrix: Water**
Date Received: 10/03/14 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	207243	10/11/14 19:23	CDC	TAL BUF
Total/NA	Analysis	300.0		1	207856	10/15/14 22:00	AJM	TAL BUF

Client Sample ID: W-141002-MLR-066 — Lab Sample ID: 480-68555-12

Date Collected: 10/02/14 09:21 — **Matrix: Water**
Date Received: 10/03/14 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	207243	10/11/14 19:50	CDC	TAL BUF
Total/NA	Analysis	300.0		1	207856	10/15/14 22:10	AJM	TAL BUF

Client Sample ID: 1 HUMMING BIRD — Lab Sample ID: 480-68555-13

Date Collected: 10/02/14 10:25 — **Matrix: Water**
Date Received: 10/03/14 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	207243	10/11/14 20:17	CDC	TAL BUF
Total/NA	Analysis	300.0		1	207856	10/15/14 22:20	AJM	TAL BUF

Client Sample ID: 50 EAST OAKS — Lab Sample ID: 480-68555-14

Date Collected: 10/02/14 10:50 — **Matrix: Water**
Date Received: 10/03/14 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	207243	10/11/14 20:43	CDC	TAL BUF
Total/NA	Analysis	300.0		1	207856	10/15/14 22:31	AJM	TAL BUF

Client Sample ID: 50 EAST OAKS DUP — Lab Sample ID: 480-68555-15

Date Collected: 10/02/14 10:50 — **Matrix: Water**
Date Received: 10/03/14 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	207243	10/11/14 21:11	CDC	TAL BUF
Total/NA	Analysis	300.0		1	207856	10/15/14 22:41	AJM	TAL BUF

Client Sample ID: 8 WEST SHORE — Lab Sample ID: 480-68555-16

Date Collected: 10/02/14 11:15 — **Matrix: Water**
Date Received: 10/03/14 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	207243	10/11/14 21:37	CDC	TAL BUF
Total/NA	Analysis	300.0		1	207856	10/15/14 22:51	AJM	TAL BUF

Client Sample ID: 15 DUCK PASS — Lab Sample ID: 480-68555-17

Date Collected: 10/02/14 11:40 — **Matrix: Water**
Date Received: 10/03/14 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	207066	10/10/14 13:33	RAS	TAL BUF

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-68555-1

Client Sample ID: 15 DUCK PASS

Lab Sample ID: 480-68555-17

Date Collected: 10/02/14 11:40
Matrix: Water
Date Received: 10/03/14 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	207856	10/15/14 23:01	AJM	TAL BUF

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-68555-18

Date Collected: 10/02/14 00:00
Matrix: Water
Date Received: 10/03/14 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	207066	10/10/14 13:59	RAS	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Certification Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-68555-1

Laboratory: TestAmerica Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
Minnesota	NELAP	5	036-999-337	12-31-14

The following analytes are included in this report, but are not certified under this certification:

Analysis Method	Prep Method	Matrix	Analyte
524.2		Water	Dibromomethane
524.2		Water	Naphthalene

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
524.2		Water	1,1,2-Trichloro-1,2,2-trifluoroethane
524.2		Water	1,2-Dibromo-3-Chloropropane
524.2		Water	1,2-Dibromoethane
524.2		Water	1,3-Dichloropropane
524.2		Water	2-Butanone (MEK)
524.2		Water	2-Hexanone
524.2		Water	4-Isopropyltoluene
524.2		Water	4-Methyl-2-pentanone (MIBK)
524.2		Water	Acetone
524.2		Water	Acrylonitrile
524.2		Water	Allyl chloride
524.2		Water	Carbon disulfide
524.2		Water	Dichlorofluoromethane
524.2		Water	Ethyl ether
524.2		Water	Iodomethane
524.2		Water	m-Xylene & p-Xylene
524.2		Water	o-Xylene
524.2		Water	t-Butanol
524.2		Water	trans-1,4-Dichloro-2-butene
524.2		Water	Vinyl acetate

Method Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-68555-1

Method	Method Description	Protocol	Laboratory
524.2	Volatile Organic Compounds (GC/MS)	EPA-DW	TAL BUF
300.0	Anions, Ion Chromatography	MCAWW	TAL BUF

Protocol References:

EPA-DW = "Methods For The Determination Of Organic Compounds In Drinking Water", EPA/600/4-88/039, December 1988 And Its Supplements.

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-68555-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-68555-1	W-141001-MLR-055	Water	10/01/14 10:05	10/03/14 10:30
480-68555-2	W-141001-MLR-056	Water	10/01/14 10:45	10/03/14 10:30
480-68555-3	W-141001-MLR-057	Water	10/01/14 10:46	10/03/14 10:30
480-68555-4	W-141001-MLR-058	Water	10/01/14 10:51	10/03/14 10:30
480-68555-5	W-141001-MLR-059	Water	10/01/14 11:13	10/03/14 10:30
480-68555-6	W-141001-MLR-060	Water	10/01/14 11:19	10/03/14 10:30
480-68555-7	W-141001-MLR-061	Water	10/01/14 11:48	10/03/14 10:30
480-68555-8	W-141001-MLR-062	Water	10/01/14 12:16	10/03/14 10:30
480-68555-9	W-141001-MLR-063	Water	10/01/14 12:36	10/03/14 10:30
480-68555-10	W-141002-MLR-064	Water	10/02/14 08:55	10/03/14 10:30
480-68555-11	W-141002-MLR-065	Water	10/02/14 09:16	10/03/14 10:30
480-68555-12	W-141002-MLR-066	Water	10/02/14 09:21	10/03/14 10:30
480-68555-13	1 HUMMING BIRD	Water	10/02/14 10:25	10/03/14 10:30
480-68555-14	50 EAST OAKS	Water	10/02/14 10:50	10/03/14 10:30
480-68555-15	50 EAST OAKS DUP	Water	10/02/14 10:50	10/03/14 10:30
480-68555-16	8 WEST SHORE	Water	10/02/14 11:15	10/03/14 10:30
480-68555-17	15 DUCK PASS	Water	10/02/14 11:40	10/03/14 10:30
480-68555-18	TRIP BLANK	Water	10/02/14 00:00	10/03/14 10:30

Detection Limit Exceptions Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-68555-1

The requested project specific reporting limits listed below were less than laboratory standard quantitation limits (PQL) but greater than or equal to the laboratory method detection limits (MDL). It must be noted that results reported below lab standard quantitation limits may result in false positive/false negative values and less accurate quantitation. Routine laboratory procedures do not indicate corrective action for detections below the laboratory's PQL.

Method	Matrix	Analyte	Units	Client RL	Lab PQL
524.2	Water	Trichloroethene	ug/L	0.20	0.5
524.2	Water	Vinyl chloride	ug/L	0.20	0.5

CHAIN OF CUSTODY RECORD

CONESTOGA-ROVERS & ASSOCIATES
1801 Old Highway 8 Northwest, Suite 114
St. Paul, Minnesota 55112 United States
Phone: (651) 639-0913 Fax: (651) 639-0923

COC NO.: SP-01372
PAGE 1 OF 2
(See Reverse Side for Instructions)

Project No/ Phase/Task Code: 002012-[illegible]	Laboratory Name: TEST AMERICA - BUFFALO	Lab Location: AMHERST, NY	SSOW ID:
Project Name: HWY 16	Lab Contact: MELISSA DERO	Lab Quote No:	Cooler No:
Project Location: NORTH OAKS, MN			Carrier: FED EX
Chemistry Contact: GRANT ANDERSON			Airbill No:
Sampler(s): M. RILLIE, M. BARNES, M. WEBB			Date Shipped: 10/2/14

Item	Sample Identification (Containers for each sample may be combined on one line)	Date (mm/dd/yy)	Time (hh:mm)	Matrix Code (see back of COC)	Grab (G) or Comp (C)	Unpreserved	Hydrochloric Acid (HCl)	Nitric Acid (HNO_3)	Sulfuric Acid (H_2SO_4)	Sodium Hydroxide (NaOH)	Methanol/Water (Soil VOC)	EnCores 3x5-g, 1x25-g	Other:	Total Containers/Sample	VOC, (524.2) STANDARD	524.2 MDL	CHLORIDE (325.2)								MS/MSD Request	Comments/ Special Instructions:
1	W-141001-MLR-055	10/1/14	10:05	WP	G	3	9							12	X	X	X									MS/MSD
2	W-141001-MLR-056	10/1/14	10:45	WP	G	1	3							4	X	X	X									
3	W-141001-MLR-057	10/1/14	10:46	WP	G	1	3							4	X	X	X									
4	W-141001-MLR-058	10/1/14	10:51	WP	G	1	3							4	X	X	X									
5	W-141001-MLR-059	10/1/14	11:13	WP	G	1	3							4	X	X	X									
6	W-141001-MLR-060	10/1/14	11:19	WP	G	1	3							4	X	X	X									
7	W-141001-MLR-061	10/1/14	11:48	WP	G	1	3							4	X	X	X									
8	W-141001-MLR-062	10/1/14	12:16	WP	G	1	3							4	X	X	X									
9	W-141001-MLR-063	10/1/14	12:26	WP	G	1	3							4	X	X	X									
10	W-141002-MLR-064	10/2/14	8:55	WP	G	1	3							4	X	X	X									
11	W-141002-MLR-065	10/2/14	9:16	WP	G	1	3							4	X	X	X									
12	W-141002-MLR-066	10/2/14	9:21	WP	G	1	3							4	X	X	X									
13	1 HUMMING BIRD	10/2/14	10:25	WP	G	1	3							4	X	X	X									
14	50 EAST OAKS	10/2/14	10:50	WP	G	1	3							4	X	X	X									
15	50 EAST OAKS DUP	10/2/14	10:55	WP	G	1	3							4	X	X	X									

480-68555 Chain of Custody

TAT Required in business days (use separate COCs for different TATs):
☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ 1 Week ☒ 2 Week ☐ Other: STANDARD

Total Number of Containers: 64

All Samples in Cooler must be on COC

Notes/ Special Requirements: * 1,1-DICHLOROETHANE, CIS-1,2-DICHLOROETHENE + VINYL CHLORIDE ONLY
TCE + VINYL CHLORIDE RL WILL BE 0.2 ug/L

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
1. [illegible]	CRA	10/2/14	16:00	1. [illegible]	TA BUFF	10/3/14	1030
2.				2.			
3.				3.			

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

#2 2.9

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

CRA Form: COC-10A (20110804)

CHAIN OF CUSTODY RECORD

CONESTOGA-ROVERS & ASSOCIATES
1801 Old Highway 8 Northwest, Suite 114
St. Paul, Minnesota 55112 United States
Phone: (651) 639-0913 Fax: (651) 639-0923

COC NO.: SP - 01371
PAGE 2 OF 2
(See Reverse Side for Instructions)

Project No/ Phase/Task Code: 03.2012.005
Project Name: HWY 96
Project Location: NORTH OAKS, MN
Chemistry Contact: GRANT ANDERSON
Sampler(s): M. RENIE; M. BARNES; M. WEBB

Laboratory Name: TEST AMERICA - BUFFALO
Lab Contact: MELISSA DEYO
Lab Location: AMHERST, NY
Lab Quote No:

SSOW ID:
Cooler No:
Carrier: FED EX
Airbill No:
Date Shipped: 10/2/14

Item	Sample Identification (Containers for each sample may be combined on one line)	Date (mm/dd//yy)	Time (hh:mm)	Matrix Code (see back of COC)	Grab (G) or Comp (C)	Unpreserved	Hydrochloric Acid (HCl)	Nitric Acid (HNO_3)	Sulfuric Acid (H_2SO_4)	Sodium Hydroxide (NaOH)	Methanol/Water (Soil VOC)	EnCores 3x5-g, 1x25-g	Other:	Total Containers/Sample	VOCs (624.2) STANDARD LIST	624 2 MQL	Chloride (300.0)								MS/MSD Request	Comments/ Special Instructions:
1	S WEST SHORE	10/2/14	11:15	WP	G	1	3							4	X	X	X									
2	15 DUCK PASS	10/2/14	11:40	WP	G	1	3							4	X	X	X									
3	TRIP BLANK	10/2/14	—	TB	G		3							3	X	X										
4	END OF SAMPLING EVENT																									
5																										
6																										
7																										
8																										
9																										
10																										
11																										
12																										
13																										
14																										
15																										

Analysis Requested (See Back of COC for Definitions)

TAT Required in business days (use separate COCs for different TATs):
☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ 1 Week ☒ 2 Week ☐ Other: STANDARD

Total Number of Containers: 69
All Samples in Cooler must be on COC

Notes/ Special Requirements: * 1,1-DICHLOROETHANE, CIS-1,2-DICHLOROETHENE & VINYL CHLORIDE ONLY. TCE & VINYL CHLORIDE RL WILL BE 0.200/L

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
1. [signature]	CRA	10/2/14	16:00	1. [signature]	TA BUFF	10/3/14	1030
2.				2.			
3.				3.			

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

#2 2.9

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

CRA Form: COC-10A (20110804)

Login Sample Receipt Checklist

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 480-68555-1

Login Number: 68555

List Number: 1

Creator: Stau, Brandon M

List Source: TestAmerica Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
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	
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	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	CRA
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	False	LAB TO CHECK

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-69080-1
Client Project/Site: 002012, Highway 96 Landfill

For:
Conestoga-Rovers & Associates, Inc.
1801 Old Highway 8 NW
Suite 114
St Paul, Minnesota 55112

Attn: Mr. Grant Anderson

Melissa Deyo

Authorized for release by:
10/27/2014 5:15:42 PM

Melissa Deyo, Project Manager I
(716)504-9874
melissa.deyo@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Cover Page 1
Table of Contents 2
Definitions/Glossary 3
Case Narrative 4
Detection Summary 5
Client Sample Results 6
Surrogate Summary 16
QC Sample Results 17
QC Association Summary 25
Lab Chronicle 26
Certification Summary 27
Method Summary 28
Sample Summary 29
Detection Limit Exceptions Summary 30
Chain of Custody 31
Receipt Checklists 32

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery exceeds the control limits
F2	MS/MSD RPD exceeds 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
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-69080-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-69080-1

Receipt
The samples were received on 10/10/2014 9:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.0º C.

GC/MS VOA
Method 524.2: The following samples contained residual chlorine upon receipt: W-141008-MLR-067 (480-69080-1), W-141008-MLR-069 (480-69080-3), W-141008-MLR-069 (480-69080-3 MS) and W-141008-MLR-069 (480-69080-3 MSD).

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

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

Job ID: 480-69080-2

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-69080-2

Receipt
The samples were received on 10/10/2014 9:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.0º C.

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

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-69080-1

Client Sample ID: W-141008-MLR-067 — Lab Sample ID: 480-69080-1

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Toluene	1.1		0.50	0.50	ug/L	1		524.2	Total/NA
Chloride	52.5		0.50	0.50	mg/L	1		300.0	Total/NA

Client Sample ID: W-141008-MLR-068 — Lab Sample ID: 480-69080-2

No Detections.

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	46.3		0.50	0.50	mg/L	1		300.0	Total/NA

Client Sample ID: W-141008-MLR-069 — Lab Sample ID: 480-69080-3

No Detections.

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	29.9		0.50	0.50	mg/L	1		300.0	Total/NA

Client Sample ID: W-141008-MLR-070 — Lab Sample ID: 480-69080-4

No Detections.

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	29.9		0.50	0.50	mg/L	1		300.0	Total/NA

Client Sample ID: TRIP BLANK — Lab Sample ID: 480-69080-5

No Detections.

This Detection Summary does not include radiochemical test results.

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-69080-1

Client Sample ID: W-141008-MLR-067
Date Collected: 10/08/14 12:25
Date Received: 10/10/14 09:00

Lab Sample ID: 480-69080-1
Matrix: Water

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/18/14 17:05	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/18/14 17:05	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/18/14 17:05	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/18/14 17:05	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/18/14 17:05	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/18/14 17:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/18/14 17:05	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/18/14 17:05	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/18/14 17:05	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/18/14 17:05	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/18/14 17:05	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/18/14 17:05	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/18/14 17:05	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/18/14 17:05	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/18/14 17:05	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/18/14 17:05	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/18/14 17:05	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/18/14 17:05	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/18/14 17:05	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/18/14 17:05	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/18/14 17:05	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/18/14 17:05	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/18/14 17:05	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/18/14 17:05	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/18/14 17:05	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/18/14 17:05	1
2-Hexanone	ND		2.5	2.5	ug/L			10/18/14 17:05	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/18/14 17:05	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/18/14 17:05	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/18/14 17:05	1
Acetone	ND		2.5	2.5	ug/L			10/18/14 17:05	1
Acrylonitrile	ND		10	10	ug/L			10/18/14 17:05	1
Allyl chloride	ND		0.50	0.50	ug/L			10/18/14 17:05	1
Benzene	ND		0.50	0.50	ug/L			10/18/14 17:05	1
Bromobenzene	ND		0.50	0.50	ug/L			10/18/14 17:05	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/18/14 17:05	1
Bromoform	ND		0.50	0.50	ug/L			10/18/14 17:05	1
Bromomethane	ND		0.50	0.50	ug/L			10/18/14 17:05	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/18/14 17:05	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/18/14 17:05	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/18/14 17:05	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/18/14 17:05	1
Chloroethane	ND		0.50	0.50	ug/L			10/18/14 17:05	1
Chloroform	ND		0.50	0.50	ug/L			10/18/14 17:05	1
Chloromethane	ND		0.50	0.50	ug/L			10/18/14 17:05	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/18/14 17:05	1
Dibromomethane	ND		0.50	0.50	ug/L			10/18/14 17:05	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/18/14 17:05	1

Client Sample ID: W-141008-MLR-067

Lab Sample ID: 480-69080-1

Date Collected: 10/08/14 12:25

Matrix: Water

Date Received: 10/10/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/18/14 17:05	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/18/14 17:05	1
Ethyl ether	ND		0.50	0.50	ug/L			10/18/14 17:05	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/18/14 17:05	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/18/14 17:05	1
Iodomethane	ND		0.50	0.50	ug/L			10/18/14 17:05	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/18/14 17:05	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/18/14 17:05	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/18/14 17:05	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/18/14 17:05	1
Naphthalene	ND		0.50	0.50	ug/L			10/18/14 17:05	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/18/14 17:05	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/18/14 17:05	1
o-Xylene	ND		0.50	0.50	ug/L			10/18/14 17:05	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/18/14 17:05	1
Styrene	ND		0.50	0.50	ug/L			10/18/14 17:05	1
t-Butanol	ND		10	10	ug/L			10/18/14 17:05	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/18/14 17:05	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/18/14 17:05	1
Toluene	**1.1**		0.50	0.50	ug/L			10/18/14 17:05	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/18/14 17:05	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/18/14 17:05	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/18/14 17:05	1
Trichloroethene	ND		0.20	0.20	ug/L			10/18/14 17:05	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/18/14 17:05	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/18/14 17:05	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/18/14 17:05	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/18/14 17:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*89*		*80 - 120*		*10/18/14 17:05*	*1*
4-Bromofluorobenzene (Surr)	*92*		*80 - 120*		*10/18/14 17:05*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**52.5**		0.50	0.50	mg/L			10/21/14 21:59	1

Client Sample ID: W-141008-MLR-068

Lab Sample ID: 480-69080-2

Date Collected: 10/08/14 13:15

Matrix: Water

Date Received: 10/10/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/18/14 17:32	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/18/14 17:32	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/18/14 17:32	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/18/14 17:32	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/18/14 17:32	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/18/14 17:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/18/14 17:32	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/18/14 17:32	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/18/14 17:32	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/18/14 17:32	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/18/14 17:32	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/18/14 17:32	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/18/14 17:32	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/18/14 17:32	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/18/14 17:32	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/18/14 17:32	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/18/14 17:32	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/18/14 17:32	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/18/14 17:32	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/18/14 17:32	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/18/14 17:32	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/18/14 17:32	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/18/14 17:32	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/18/14 17:32	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/18/14 17:32	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/18/14 17:32	1
2-Hexanone	ND		2.5	2.5	ug/L			10/18/14 17:32	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/18/14 17:32	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/18/14 17:32	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/18/14 17:32	1
Acetone	ND		2.5	2.5	ug/L			10/18/14 17:32	1
Acrylonitrile	ND		10	10	ug/L			10/18/14 17:32	1
Allyl chloride	ND		0.50	0.50	ug/L			10/18/14 17:32	1
Benzene	ND		0.50	0.50	ug/L			10/18/14 17:32	1
Bromobenzene	ND		0.50	0.50	ug/L			10/18/14 17:32	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/18/14 17:32	1
Bromoform	ND		0.50	0.50	ug/L			10/18/14 17:32	1
Bromomethane	ND		0.50	0.50	ug/L			10/18/14 17:32	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/18/14 17:32	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/18/14 17:32	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/18/14 17:32	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/18/14 17:32	1
Chloroethane	ND		0.50	0.50	ug/L			10/18/14 17:32	1
Chloroform	ND		0.50	0.50	ug/L			10/18/14 17:32	1
Chloromethane	ND		0.50	0.50	ug/L			10/18/14 17:32	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/18/14 17:32	1
Dibromomethane	ND		0.50	0.50	ug/L			10/18/14 17:32	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/18/14 17:32	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-69080-1

Client Sample ID: W-141008-MLR-068
Date Collected: 10/08/14 13:15
Date Received: 10/10/14 09:00

Lab Sample ID: 480-69080-2
Matrix: Water

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/18/14 17:32	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/18/14 17:32	1
Ethyl ether	ND		0.50	0.50	ug/L			10/18/14 17:32	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/18/14 17:32	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/18/14 17:32	1
Iodomethane	ND		0.50	0.50	ug/L			10/18/14 17:32	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/18/14 17:32	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/18/14 17:32	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/18/14 17:32	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/18/14 17:32	1
Naphthalene	ND		0.50	0.50	ug/L			10/18/14 17:32	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/18/14 17:32	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/18/14 17:32	1
o-Xylene	ND		0.50	0.50	ug/L			10/18/14 17:32	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/18/14 17:32	1
Styrene	ND		0.50	0.50	ug/L			10/18/14 17:32	1
t-Butanol	ND		10	10	ug/L			10/18/14 17:32	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/18/14 17:32	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/18/14 17:32	1
Toluene	ND		0.50	0.50	ug/L			10/18/14 17:32	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/18/14 17:32	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/18/14 17:32	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/18/14 17:32	1
Trichloroethene	ND		0.20	0.20	ug/L			10/18/14 17:32	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/18/14 17:32	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/18/14 17:32	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/18/14 17:32	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/18/14 17:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*89*		*80 - 120*		*10/18/14 17:32*	*1*
4-Bromofluorobenzene (Surr)	*91*		*80 - 120*		*10/18/14 17:32*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**46.3**		0.50	0.50	mg/L			10/21/14 22:09	1

Client Sample ID: W-141008-MLR-069

Lab Sample ID: 480-69080-3

Date Collected: 10/08/14 13:29

Matrix: Water

Date Received: 10/10/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/18/14 17:58	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/18/14 17:58	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/18/14 17:58	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/18/14 17:58	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/18/14 17:58	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/18/14 17:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/18/14 17:58	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/18/14 17:58	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/18/14 17:58	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/18/14 17:58	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/18/14 17:58	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/18/14 17:58	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/18/14 17:58	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/18/14 17:58	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/18/14 17:58	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/18/14 17:58	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/18/14 17:58	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/18/14 17:58	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/18/14 17:58	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/18/14 17:58	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/18/14 17:58	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/18/14 17:58	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/18/14 17:58	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/18/14 17:58	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/18/14 17:58	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/18/14 17:58	1
2-Hexanone	ND		2.5	2.5	ug/L			10/18/14 17:58	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/18/14 17:58	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/18/14 17:58	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/18/14 17:58	1
Acetone	ND		2.5	2.5	ug/L			10/18/14 17:58	1
Acrylonitrile	ND		10	10	ug/L			10/18/14 17:58	1
Allyl chloride	ND		0.50	0.50	ug/L			10/18/14 17:58	1
Benzene	ND		0.50	0.50	ug/L			10/18/14 17:58	1
Bromobenzene	ND		0.50	0.50	ug/L			10/18/14 17:58	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/18/14 17:58	1
Bromoform	ND		0.50	0.50	ug/L			10/18/14 17:58	1
Bromomethane	ND		0.50	0.50	ug/L			10/18/14 17:58	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/18/14 17:58	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/18/14 17:58	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/18/14 17:58	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/18/14 17:58	1
Chloroethane	ND		0.50	0.50	ug/L			10/18/14 17:58	1
Chloroform	ND		0.50	0.50	ug/L			10/18/14 17:58	1
Chloromethane	ND		0.50	0.50	ug/L			10/18/14 17:58	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/18/14 17:58	1
Dibromomethane	ND		0.50	0.50	ug/L			10/18/14 17:58	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/18/14 17:58	1

Client Sample ID: W-141008-MLR-069

Lab Sample ID: 480-69080-3

Date Collected: 10/08/14 13:29

Matrix: Water

Date Received: 10/10/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/18/14 17:58	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/18/14 17:58	1
Ethyl ether	ND		0.50	0.50	ug/L			10/18/14 17:58	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/18/14 17:58	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/18/14 17:58	1
Iodomethane	ND		0.50	0.50	ug/L			10/18/14 17:58	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/18/14 17:58	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/18/14 17:58	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/18/14 17:58	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/18/14 17:58	1
Naphthalene	ND		0.50	0.50	ug/L			10/18/14 17:58	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/18/14 17:58	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/18/14 17:58	1
o-Xylene	ND		0.50	0.50	ug/L			10/18/14 17:58	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/18/14 17:58	1
Styrene	ND		0.50	0.50	ug/L			10/18/14 17:58	1
t-Butanol	ND		10	10	ug/L			10/18/14 17:58	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/18/14 17:58	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/18/14 17:58	1
Toluene	ND		0.50	0.50	ug/L			10/18/14 17:58	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/18/14 17:58	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/18/14 17:58	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/18/14 17:58	1
Trichloroethene	ND		0.20	0.20	ug/L			10/18/14 17:58	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/18/14 17:58	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/18/14 17:58	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/18/14 17:58	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/18/14 17:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*88*		*80 - 120*		*10/18/14 17:58*	*1*
4-Bromofluorobenzene (Surr)	*89*		*80 - 120*		*10/18/14 17:58*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**29.9**		0.50	0.50	mg/L			10/21/14 22:20	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-69080-1

Client Sample ID: W-141008-MLR-070
Date Collected: 10/08/14 13:32
Date Received: 10/10/14 09:00

Lab Sample ID: 480-69080-4
Matrix: Water

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/18/14 19:19	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/18/14 19:19	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/18/14 19:19	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/18/14 19:19	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/18/14 19:19	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/18/14 19:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/18/14 19:19	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/18/14 19:19	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/18/14 19:19	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/18/14 19:19	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/18/14 19:19	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/18/14 19:19	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/18/14 19:19	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/18/14 19:19	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/18/14 19:19	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/18/14 19:19	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/18/14 19:19	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/18/14 19:19	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/18/14 19:19	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/18/14 19:19	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/18/14 19:19	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/18/14 19:19	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/18/14 19:19	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/18/14 19:19	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/18/14 19:19	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/18/14 19:19	1
2-Hexanone	ND		2.5	2.5	ug/L			10/18/14 19:19	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/18/14 19:19	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/18/14 19:19	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/18/14 19:19	1
Acetone	ND		2.5	2.5	ug/L			10/18/14 19:19	1
Acrylonitrile	ND		10	10	ug/L			10/18/14 19:19	1
Allyl chloride	ND		0.50	0.50	ug/L			10/18/14 19:19	1
Benzene	ND		0.50	0.50	ug/L			10/18/14 19:19	1
Bromobenzene	ND		0.50	0.50	ug/L			10/18/14 19:19	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/18/14 19:19	1
Bromoform	ND		0.50	0.50	ug/L			10/18/14 19:19	1
Bromomethane	ND		0.50	0.50	ug/L			10/18/14 19:19	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/18/14 19:19	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/18/14 19:19	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/18/14 19:19	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/18/14 19:19	1
Chloroethane	ND		0.50	0.50	ug/L			10/18/14 19:19	1
Chloroform	ND		0.50	0.50	ug/L			10/18/14 19:19	1
Chloromethane	ND		0.50	0.50	ug/L			10/18/14 19:19	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/18/14 19:19	1
Dibromomethane	ND		0.50	0.50	ug/L			10/18/14 19:19	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/18/14 19:19	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-69080-1

Client Sample ID: W-141008-MLR-070
Date Collected: 10/08/14 13:32
Date Received: 10/10/14 09:00

Lab Sample ID: 480-69080-4
Matrix: Water

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/18/14 19:19	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/18/14 19:19	1
Ethyl ether	ND		0.50	0.50	ug/L			10/18/14 19:19	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/18/14 19:19	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/18/14 19:19	1
Iodomethane	ND		0.50	0.50	ug/L			10/18/14 19:19	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/18/14 19:19	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/18/14 19:19	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/18/14 19:19	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/18/14 19:19	1
Naphthalene	ND		0.50	0.50	ug/L			10/18/14 19:19	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/18/14 19:19	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/18/14 19:19	1
o-Xylene	ND		0.50	0.50	ug/L			10/18/14 19:19	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/18/14 19:19	1
Styrene	ND		0.50	0.50	ug/L			10/18/14 19:19	1
t-Butanol	ND		10	10	ug/L			10/18/14 19:19	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/18/14 19:19	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/18/14 19:19	1
Toluene	ND		0.50	0.50	ug/L			10/18/14 19:19	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/18/14 19:19	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/18/14 19:19	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/18/14 19:19	1
Trichloroethene	ND		0.20	0.20	ug/L			10/18/14 19:19	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/18/14 19:19	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/18/14 19:19	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/18/14 19:19	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/18/14 19:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*88*		*80 - 120*		*10/18/14 19:19*	*1*
4-Bromofluorobenzene (Surr)	*88*		*80 - 120*		*10/18/14 19:19*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**29.9**		0.50	0.50	mg/L			10/21/14 22:50	1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-69080-5

Date Collected: 10/08/14 00:00

Matrix: Water

Date Received: 10/10/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/18/14 19:45	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/18/14 19:45	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/18/14 19:45	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/18/14 19:45	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/18/14 19:45	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/18/14 19:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/18/14 19:45	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/18/14 19:45	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/18/14 19:45	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/18/14 19:45	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/18/14 19:45	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/18/14 19:45	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/18/14 19:45	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/18/14 19:45	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/18/14 19:45	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/18/14 19:45	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/18/14 19:45	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/18/14 19:45	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/18/14 19:45	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/18/14 19:45	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/18/14 19:45	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/18/14 19:45	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/18/14 19:45	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/18/14 19:45	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/18/14 19:45	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/18/14 19:45	1
2-Hexanone	ND		2.5	2.5	ug/L			10/18/14 19:45	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/18/14 19:45	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/18/14 19:45	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/18/14 19:45	1
Acetone	ND		2.5	2.5	ug/L			10/18/14 19:45	1
Acrylonitrile	ND		10	10	ug/L			10/18/14 19:45	1
Allyl chloride	ND		0.50	0.50	ug/L			10/18/14 19:45	1
Benzene	ND		0.50	0.50	ug/L			10/18/14 19:45	1
Bromobenzene	ND		0.50	0.50	ug/L			10/18/14 19:45	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/18/14 19:45	1
Bromoform	ND		0.50	0.50	ug/L			10/18/14 19:45	1
Bromomethane	ND		0.50	0.50	ug/L			10/18/14 19:45	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/18/14 19:45	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/18/14 19:45	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/18/14 19:45	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/18/14 19:45	1
Chloroethane	ND		0.50	0.50	ug/L			10/18/14 19:45	1
Chloroform	ND		0.50	0.50	ug/L			10/18/14 19:45	1
Chloromethane	ND		0.50	0.50	ug/L			10/18/14 19:45	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/18/14 19:45	1
Dibromomethane	ND		0.50	0.50	ug/L			10/18/14 19:45	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/18/14 19:45	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-69080-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-69080-5

Date Collected: 10/08/14 00:00

Matrix: Water

Date Received: 10/10/14 09:00

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/18/14 19:45	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/18/14 19:45	1
Ethyl ether	ND		0.50	0.50	ug/L			10/18/14 19:45	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/18/14 19:45	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/18/14 19:45	1
Iodomethane	ND		0.50	0.50	ug/L			10/18/14 19:45	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/18/14 19:45	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/18/14 19:45	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/18/14 19:45	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/18/14 19:45	1
Naphthalene	ND		0.50	0.50	ug/L			10/18/14 19:45	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/18/14 19:45	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/18/14 19:45	1
o-Xylene	ND		0.50	0.50	ug/L			10/18/14 19:45	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/18/14 19:45	1
Styrene	ND		0.50	0.50	ug/L			10/18/14 19:45	1
t-Butanol	ND		10	10	ug/L			10/18/14 19:45	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/18/14 19:45	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/18/14 19:45	1
Toluene	ND		0.50	0.50	ug/L			10/18/14 19:45	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/18/14 19:45	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/18/14 19:45	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/18/14 19:45	1
Trichloroethene	ND		0.20	0.20	ug/L			10/18/14 19:45	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/18/14 19:45	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/18/14 19:45	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/18/14 19:45	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/18/14 19:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*86*		*80 - 120*		*10/18/14 19:45*	*1*
4-Bromofluorobenzene (Surr)	*88*		*80 - 120*		*10/18/14 19:45*	*1*

Surrogate Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-69080-1

Method: 524.2 - Volatile Organic Compounds (GC/MS)

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

		Percent Surrogate Recovery (Acceptance Limits)									
		12DCB	BFB								
Lab Sample ID	Client Sample ID	(80-120)	(80-120)								
480-69080-1	W-141008-MLR-067	89	92								
480-69080-2	W-141008-MLR-068	89	91								
480-69080-3	W-141008-MLR-069	88	89								
480-69080-3 MS	W-141008-MLR-069	88	90								
480-69080-3 MSD	W-141008-MLR-069	87	90								
480-69080-4	W-141008-MLR-070	88	88								
480-69080-5	TRIP BLANK	86	88								
LCS 480-208574/4	Lab Control Sample	100	102								
MB 480-208574/24	Method Blank	98	93								

Surrogate Legend

12DCB = 1,2-Dichlorobenzene-d4

BFB = 4-Bromofluorobenzene (Surr)

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-208574/24
Matrix: Water
Analysis Batch: 208574

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.50	0.074	ug/L			10/18/14 11:24	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			10/18/14 11:24	1
Vinyl chloride	ND		0.20	0.059	ug/L			10/18/14 11:24	1

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/18/14 11:24	1
1,1,1-Trichloroethane	ND		0.50	0.50	ug/L			10/18/14 11:24	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.50	ug/L			10/18/14 11:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.50	ug/L			10/18/14 11:24	1
1,1,2-Trichloroethane	ND		0.50	0.50	ug/L			10/18/14 11:24	1
1,1-Dichloroethene	ND		0.50	0.50	ug/L			10/18/14 11:24	1
1,1-Dichloropropene	ND		0.50	0.50	ug/L			10/18/14 11:24	1
1,2,3-Trichlorobenzene	ND		0.50	0.50	ug/L			10/18/14 11:24	1
1,2,3-Trichloropropane	ND		0.50	0.50	ug/L			10/18/14 11:24	1
1,2,4-Trichlorobenzene	ND		0.50	0.50	ug/L			10/18/14 11:24	1
1,2,4-Trimethylbenzene	ND		0.50	0.50	ug/L			10/18/14 11:24	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.50	ug/L			10/18/14 11:24	1
1,2-Dibromoethane	ND		0.50	0.50	ug/L			10/18/14 11:24	1
1,2-Dichlorobenzene	ND		0.50	0.50	ug/L			10/18/14 11:24	1
1,2-Dichloroethane	ND		0.50	0.50	ug/L			10/18/14 11:24	1
1,2-Dichloropropane	ND		0.50	0.50	ug/L			10/18/14 11:24	1
1,3,5-Trimethylbenzene	ND		0.50	0.50	ug/L			10/18/14 11:24	1
1,3-Dichlorobenzene	ND		0.50	0.50	ug/L			10/18/14 11:24	1
1,3-Dichloropropane	ND		0.50	0.50	ug/L			10/18/14 11:24	1
1,4-Dichlorobenzene	ND		0.50	0.50	ug/L			10/18/14 11:24	1
2,2-Dichloropropane	ND		0.50	0.50	ug/L			10/18/14 11:24	1
2-Butanone (MEK)	ND		2.5	2.5	ug/L			10/18/14 11:24	1
2-Chlorotoluene	ND		0.50	0.50	ug/L			10/18/14 11:24	1
2-Hexanone	ND		2.5	2.5	ug/L			10/18/14 11:24	1
4-Chlorotoluene	ND		0.50	0.50	ug/L			10/18/14 11:24	1
4-Isopropyltoluene	ND		0.50	0.50	ug/L			10/18/14 11:24	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	2.5	ug/L			10/18/14 11:24	1
Acetone	ND		2.5	2.5	ug/L			10/18/14 11:24	1
Acrylonitrile	ND		10	10	ug/L			10/18/14 11:24	1
Allyl chloride	ND		0.50	0.50	ug/L			10/18/14 11:24	1
Benzene	ND		0.50	0.50	ug/L			10/18/14 11:24	1
Bromobenzene	ND		0.50	0.50	ug/L			10/18/14 11:24	1
Bromochloromethane	ND		0.50	0.50	ug/L			10/18/14 11:24	1
Bromoform	ND		0.50	0.50	ug/L			10/18/14 11:24	1
Bromomethane	ND		0.50	0.50	ug/L			10/18/14 11:24	1
Carbon disulfide	ND		0.50	0.50	ug/L			10/18/14 11:24	1
Carbon tetrachloride	ND		0.50	0.50	ug/L			10/18/14 11:24	1
Chlorobenzene	ND		0.50	0.50	ug/L			10/18/14 11:24	1
Chlorodibromomethane	ND		0.50	0.50	ug/L			10/18/14 11:24	1
Chloroethane	ND		0.50	0.50	ug/L			10/18/14 11:24	1
Chloroform	ND		0.50	0.50	ug/L			10/18/14 11:24	1
Chloromethane	ND		0.50	0.50	ug/L			10/18/14 11:24	1
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/18/14 11:24	1

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-208574/24
Matrix: Water
Analysis Batch: 208574

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

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	ND		0.50	0.50	ug/L			10/18/14 11:24	1
Dichlorobromomethane	ND		0.50	0.50	ug/L			10/18/14 11:24	1
Dichlorodifluoromethane	ND		0.50	0.50	ug/L			10/18/14 11:24	1
Dichlorofluoromethane	ND		0.50	0.50	ug/L			10/18/14 11:24	1
Ethyl ether	ND		0.50	0.50	ug/L			10/18/14 11:24	1
Ethylbenzene	ND		0.50	0.50	ug/L			10/18/14 11:24	1
Hexachlorobutadiene	ND		0.50	0.50	ug/L			10/18/14 11:24	1
Iodomethane	ND		0.50	0.50	ug/L			10/18/14 11:24	1
Isopropylbenzene	ND		0.50	0.50	ug/L			10/18/14 11:24	1
Methyl tert-butyl ether	ND		0.50	0.50	ug/L			10/18/14 11:24	1
Methylene Chloride	ND		0.50	0.50	ug/L			10/18/14 11:24	1
m-Xylene & p-Xylene	ND		1.0	1.0	ug/L			10/18/14 11:24	1
Naphthalene	ND		0.50	0.50	ug/L			10/18/14 11:24	1
n-Butylbenzene	ND		0.50	0.50	ug/L			10/18/14 11:24	1
n-Propylbenzene	ND		0.50	0.50	ug/L			10/18/14 11:24	1
o-Xylene	ND		0.50	0.50	ug/L			10/18/14 11:24	1
sec-Butylbenzene	ND		0.50	0.50	ug/L			10/18/14 11:24	1
Styrene	ND		0.50	0.50	ug/L			10/18/14 11:24	1
t-Butanol	ND		10	10	ug/L			10/18/14 11:24	1
tert-Butylbenzene	ND		0.50	0.50	ug/L			10/18/14 11:24	1
Tetrachloroethene	ND		0.50	0.50	ug/L			10/18/14 11:24	1
Toluene	ND		0.50	0.50	ug/L			10/18/14 11:24	1
trans-1,2-Dichloroethene	ND		0.50	0.50	ug/L			10/18/14 11:24	1
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L			10/18/14 11:24	1
trans-1,4-Dichloro-2-butene	ND		2.5	2.5	ug/L			10/18/14 11:24	1
Trichloroethene	ND		0.20	0.20	ug/L			10/18/14 11:24	1
Trichlorofluoromethane	ND		0.50	0.50	ug/L			10/18/14 11:24	1
Trihalomethanes, Total	ND		2.0	2.0	ug/L			10/18/14 11:24	1
Vinyl acetate	ND		2.5	2.5	ug/L			10/18/14 11:24	1
Xylenes, Total	ND		1.0	1.0	ug/L			10/18/14 11:24	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*98*		*80 - 120*		*10/18/14 11:24*	*1*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*		*10/18/14 11:24*	*1*

Lab Sample ID: LCS 480-208574/4
Matrix: Water
Analysis Batch: 208574

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	4.00	3.56		ug/L		89	70 - 130
cis-1,2-Dichloroethene	4.00	3.63		ug/L		91	70 - 130
Vinyl chloride	4.00	3.49		ug/L		87	70 - 130

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	4.00	4.13		ug/L		103	70 - 130
1,1,1-Trichloroethane	4.00	3.51		ug/L		88	70 - 130
1,1,2,2-Tetrachloroethane	4.00	3.61		ug/L		90	70 - 130

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-208574/4
Matrix: Water
Analysis Batch: 208574

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trichloroethane	4.00	3.59		ug/L		90	70 - 130
1,1-Dichloroethene	4.00	3.34		ug/L		84	70 - 130
1,1-Dichloropropene	4.00	3.78		ug/L		95	70 - 130
1,2,3-Trichlorobenzene	4.00	3.50		ug/L		88	70 - 130
1,2,3-Trichloropropane	4.00	3.83		ug/L		96	70 - 130
1,2,4-Trichlorobenzene	4.00	3.59		ug/L		90	70 - 130
1,2,4-Trimethylbenzene	4.00	3.55		ug/L		89	70 - 130
1,2-Dibromo-3-Chloropropane	4.00	4.37		ug/L		109	70 - 130
1,2-Dibromoethane	4.00	3.76		ug/L		94	70 - 130
1,2-Dichlorobenzene	4.00	3.60		ug/L		90	70 - 130
1,2-Dichloroethane	4.00	3.56		ug/L		89	70 - 130
1,2-Dichloropropane	4.00	3.72		ug/L		93	70 - 130
1,3,5-Trimethylbenzene	4.00	3.59		ug/L		90	70 - 130
1,3-Dichlorobenzene	4.00	3.58		ug/L		90	70 - 130
1,3-Dichloropropane	4.00	3.67		ug/L		92	70 - 130
1,4-Dichlorobenzene	4.00	3.66		ug/L		92	70 - 130
2,2-Dichloropropane	4.00	3.49		ug/L		87	70 - 130
2-Butanone (MEK)	20.0	18.5		ug/L		92	70 - 130
2-Chlorotoluene	4.00	3.48		ug/L		87	70 - 130
2-Hexanone	20.0	18.0		ug/L		90	70 - 130
4-Chlorotoluene	4.00	3.53		ug/L		88	70 - 130
4-Isopropyltoluene	4.00	3.54		ug/L		89	70 - 130
4-Methyl-2-pentanone (MIBK)	20.0	17.8		ug/L		89	70 - 130
Acetone	20.0	17.0		ug/L		85	70 - 130
Benzene	4.00	3.53		ug/L		88	70 - 130
Bromobenzene	4.00	3.55		ug/L		89	70 - 130
Bromochloromethane	4.00	3.65		ug/L		91	70 - 130
Bromoform	4.00	4.46		ug/L		112	70 - 130
Bromomethane	4.00	3.67		ug/L		92	70 - 130
Carbon disulfide	4.00	3.48		ug/L		87	70 - 130
Carbon tetrachloride	4.00	3.93		ug/L		98	70 - 130
Chlorobenzene	4.00	3.61		ug/L		90	70 - 130
Chlorodibromomethane	4.00	4.03		ug/L		101	70 - 130
Chloroethane	4.00	3.40		ug/L		85	70 - 130
Chloroform	4.00	3.49		ug/L		87	70 - 130
Chloromethane	4.00	3.34		ug/L		83	70 - 130
cis-1,3-Dichloropropene	4.00	3.90		ug/L		97	70 - 130
Dibromomethane	4.00	3.44		ug/L		86	70 - 130
Dichlorobromomethane	4.00	3.79		ug/L		95	70 - 130
Dichlorodifluoromethane	4.00	3.44		ug/L		86	70 - 130
Ethylbenzene	4.00	3.61		ug/L		90	70 - 130
Hexachlorobutadiene	4.00	3.42		ug/L		85	70 - 130
Isopropylbenzene	4.00	3.60		ug/L		90	70 - 130
Methyl tert-butyl ether	4.00	3.72		ug/L		93	70 - 130
Methylene Chloride	4.00	3.47		ug/L		87	70 - 130
Naphthalene	4.00	3.67		ug/L		92	70 - 130
n-Butylbenzene	4.00	3.56		ug/L		89	70 - 130
n-Propylbenzene	4.00	3.54		ug/L		89	70 - 130

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-208574/4
Matrix: Water
Analysis Batch: 208574

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
sec-Butylbenzene	4.00	3.51		ug/L		88	70 - 130
Styrene	4.00	3.37		ug/L		84	70 - 130
tert-Butylbenzene	4.00	3.57		ug/L		89	70 - 130
Tetrachloroethene	4.00	3.53		ug/L		88	70 - 130
Toluene	4.00	3.70		ug/L		93	70 - 130
trans-1,2-Dichloroethene	4.00	3.60		ug/L		90	70 - 130
trans-1,3-Dichloropropene	4.00	4.16		ug/L		104	70 - 130
Trichloroethene	4.00	3.57		ug/L		89	70 - 130
Trichlorofluoromethane	4.00	3.53		ug/L		88	70 - 130
Xylenes, Total	8.00	7.18		ug/L		90	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichlorobenzene-d4	*100*		*80 - 120*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*

Lab Sample ID: 480-69080-3 MS
Matrix: Water
Analysis Batch: 208574

Client Sample ID: W-141008-MLR-069
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	ND		4.00	2.83		ug/L		71	70 - 130
cis-1,2-Dichloroethene	ND		4.00	2.79		ug/L		70	70 - 130
Vinyl chloride	ND		4.00	2.91		ug/L		73	70 - 130

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	ND		4.00	2.63	F1	ug/L		66	70 - 130
1,1,1-Trichloroethane	ND		4.00	3.18		ug/L		79	70 - 130
1,1,2,2-Tetrachloroethane	ND		4.00	1.99	F1	ug/L		50	70 - 130
1,1,2-Trichloroethane	ND		4.00	1.65	F1	ug/L		41	70 - 130
1,1-Dichloroethene	ND		4.00	3.10		ug/L		78	70 - 130
1,1-Dichloropropene	ND		4.00	3.84		ug/L		96	70 - 130
1,2,3-Trichlorobenzene	ND		4.00	1.85	F1	ug/L		46	70 - 130
1,2,3-Trichloropropane	ND		4.00	2.18	F1	ug/L		55	70 - 130
1,2,4-Trichlorobenzene	ND		4.00	2.37	F1	ug/L		59	70 - 130
1,2,4-Trimethylbenzene	ND		4.00	2.93		ug/L		73	70 - 130
1,2-Dibromo-3-Chloropropane	ND		4.00	1.46	F1	ug/L		37	70 - 130
1,2-Dibromoethane	ND		4.00	1.98	F1	ug/L		49	70 - 130
1,2-Dichlorobenzene	ND		4.00	2.97		ug/L		74	70 - 130
1,2-Dichloroethane	ND		4.00	1.83	F1	ug/L		46	70 - 130
1,2-Dichloropropane	ND		4.00	2.59	F1	ug/L		65	70 - 130
1,3,5-Trimethylbenzene	ND		4.00	3.22		ug/L		81	70 - 130
1,3-Dichlorobenzene	ND		4.00	3.55		ug/L		89	70 - 130
1,3-Dichloropropane	ND		4.00	2.14	F1	ug/L		53	70 - 130
1,4-Dichlorobenzene	ND		4.00	3.43		ug/L		86	70 - 130
2,2-Dichloropropane	ND		4.00	2.22	F1	ug/L		55	70 - 130
2-Butanone (MEK)	ND		20.0	7.38	F1	ug/L		37	70 - 130
2-Chlorotoluene	ND		4.00	4.11		ug/L		103	70 - 130
2-Hexanone	ND		20.0	7.28	F1	ug/L		36	70 - 130

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-69080-3 MS
Matrix: Water
Analysis Batch: 208574

Client Sample ID: W-141008-MLR-069
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Chlorotoluene	ND		4.00	3.91		ug/L		98	70 - 130
4-Isopropyltoluene	ND		4.00	3.97		ug/L		99	70 - 130
4-Methyl-2-pentanone (MIBK)	ND		20.0	5.94	F1	ug/L		30	70 - 130
Acetone	ND		20.0	5.52	F1	ug/L		28	70 - 130
Benzene	ND		4.00	3.21		ug/L		80	70 - 130
Bromobenzene	ND		4.00	3.14		ug/L		79	70 - 130
Bromochloromethane	ND		4.00	1.87	F1	ug/L		47	70 - 130
Bromoform	ND		4.00	1.17	F1	ug/L		29	70 - 130
Bromomethane	ND		4.00	0.579	F1	ug/L		14	70 - 130
Carbon disulfide	ND		4.00	3.27		ug/L		82	70 - 130
Carbon tetrachloride	ND		4.00	2.72	F1	ug/L		68	70 - 130
Chlorobenzene	ND		4.00	3.34		ug/L		83	70 - 130
Chlorodibromomethane	ND		4.00	1.93	F1	ug/L		48	70 - 130
Chloroethane	ND		4.00	2.77	F1	ug/L		69	70 - 130
Chloroform	ND		4.00	2.66	F1	ug/L		66	70 - 130
Chloromethane	ND		4.00	2.13	F1	ug/L		53	70 - 130
cis-1,3-Dichloropropene	ND		4.00	1.43	F1	ug/L		36	70 - 130
Dibromomethane	ND		4.00	1.61	F1	ug/L		40	70 - 130
Dichlorobromomethane	ND		4.00	2.02	F1	ug/L		50	70 - 130
Dichlorodifluoromethane	ND		4.00	3.12		ug/L		78	70 - 130
Ethylbenzene	ND		4.00	3.68		ug/L		92	70 - 130
Hexachlorobutadiene	ND		4.00	4.35		ug/L		109	70 - 130
Isopropylbenzene	ND		4.00	3.82		ug/L		96	70 - 130
Methyl tert-butyl ether	ND		4.00	1.76	F1	ug/L		44	70 - 130
Methylene Chloride	ND		4.00	2.06	F1	ug/L		52	70 - 130
Naphthalene	ND		4.00	1.33	F1	ug/L		33	70 - 130
n-Butylbenzene	ND		4.00	4.03		ug/L		101	70 - 130
n-Propylbenzene	ND		4.00	4.36		ug/L		109	70 - 130
sec-Butylbenzene	ND		4.00	4.50		ug/L		113	70 - 130
Styrene	ND		4.00	1.40	F1	ug/L		35	70 - 130
tert-Butylbenzene	ND		4.00	4.54		ug/L		114	70 - 130
Tetrachloroethene	ND		4.00	4.04		ug/L		101	70 - 130
Toluene	ND		4.00	2.64	F1	ug/L		66	70 - 130
trans-1,2-Dichloroethene	ND		4.00	2.86		ug/L		72	70 - 130
trans-1,3-Dichloropropene	ND		4.00	0.929	F1	ug/L		23	70 - 130
Trichloroethene	ND		4.00	3.49		ug/L		87	70 - 130
Trichlorofluoromethane	ND		4.00	3.00		ug/L		75	70 - 130
Xylenes, Total	ND		8.00	6.45		ug/L		81	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichlorobenzene-d4	*88*		*80 - 120*
4-Bromofluorobenzene (Surr)	*90*		*80 - 120*

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-69080-3 MSD
Matrix: Water
Analysis Batch: 208574

Client Sample ID: W-141008-MLR-069
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethane	ND		4.00	2.84		ug/L		71	70 - 130	0	20
cis-1,2-Dichloroethene	ND		4.00	2.74	F1	ug/L		68	70 - 130	2	20
Vinyl chloride	ND		4.00	3.57		ug/L		89	70 - 130	20	20

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	ND		4.00	2.76	F1	ug/L		69	70 - 130	5	20
1,1,1-Trichloroethane	ND		4.00	3.27		ug/L		82	70 - 130	3	20
1,1,2,2-Tetrachloroethane	ND		4.00	1.91	F1	ug/L		48	70 - 130	4	20
1,1,2-Trichloroethane	ND		4.00	1.69	F1	ug/L		42	70 - 130	3	20
1,1-Dichloroethene	ND		4.00	3.01		ug/L		75	70 - 130	3	20
1,1-Dichloropropene	ND		4.00	3.83		ug/L		96	70 - 130	0	20
1,2,3-Trichlorobenzene	ND		4.00	1.94	F1	ug/L		49	70 - 130	5	20
1,2,3-Trichloropropane	ND		4.00	1.97	F1	ug/L		49	70 - 130	10	20
1,2,4-Trichlorobenzene	ND		4.00	2.39	F1	ug/L		60	70 - 130	1	20
1,2,4-Trimethylbenzene	ND		4.00	2.65	F1	ug/L		66	70 - 130	10	20
1,2-Dibromo-3-Chloropropane	ND		4.00	1.57	F1	ug/L		39	70 - 130	7	20
1,2-Dibromoethane	ND		4.00	2.00	F1	ug/L		50	70 - 130	1	20
1,2-Dichlorobenzene	ND		4.00	2.86		ug/L		72	70 - 130	4	20
1,2-Dichloroethane	ND		4.00	1.88	F1	ug/L		47	70 - 130	3	20
1,2-Dichloropropane	ND		4.00	2.74	F1	ug/L		68	70 - 130	5	20
1,3,5-Trimethylbenzene	ND		4.00	2.92		ug/L		73	70 - 130	10	20
1,3-Dichlorobenzene	ND		4.00	3.58		ug/L		90	70 - 130	1	20
1,3-Dichloropropane	ND		4.00	2.15	F1	ug/L		54	70 - 130	1	20
1,4-Dichlorobenzene	ND		4.00	3.20		ug/L		80	70 - 130	7	20
2,2-Dichloropropane	ND		4.00	2.24	F1	ug/L		56	70 - 130	1	20
2-Butanone (MEK)	ND		20.0	6.68	F1	ug/L		33	70 - 130	10	20
2-Chlorotoluene	ND		4.00	3.88		ug/L		97	70 - 130	6	20
2-Hexanone	ND		20.0	7.49	F1	ug/L		37	70 - 130	3	20
4-Chlorotoluene	ND		4.00	3.77		ug/L		94	70 - 130	4	20
4-Isopropyltoluene	ND		4.00	3.93		ug/L		98	70 - 130	1	20
4-Methyl-2-pentanone (MIBK)	ND		20.0	5.93	F1	ug/L		30	70 - 130	0	20
Acetone	ND		20.0	6.33	F1	ug/L		32	70 - 130	14	20
Benzene	ND		4.00	3.19		ug/L		80	70 - 130	1	20
Bromobenzene	ND		4.00	3.00		ug/L		75	70 - 130	5	20
Bromochloromethane	ND		4.00	1.88	F1	ug/L		47	70 - 130	1	20
Bromoform	ND		4.00	1.36	F1	ug/L		34	70 - 130	15	20
Bromomethane	ND		4.00	0.791	F1 F2	ug/L		20	70 - 130	31	20
Carbon disulfide	ND		4.00	3.21		ug/L		80	70 - 130	2	20
Carbon tetrachloride	ND		4.00	2.90		ug/L		73	70 - 130	7	20
Chlorobenzene	ND		4.00	3.29		ug/L		82	70 - 130	2	20
Chlorodibromomethane	ND		4.00	2.12	F1	ug/L		53	70 - 130	10	20
Chloroethane	ND		4.00	3.56	F2	ug/L		89	70 - 130	25	20
Chloroform	ND		4.00	2.64	F1	ug/L		66	70 - 130	1	20
Chloromethane	ND		4.00	2.64	F1 F2	ug/L		66	70 - 130	21	20
cis-1,3-Dichloropropene	ND		4.00	1.51	F1	ug/L		38	70 - 130	5	20
Dibromomethane	ND		4.00	1.58	F1	ug/L		40	70 - 130	2	20
Dichlorobromomethane	ND		4.00	2.16	F1	ug/L		54	70 - 130	7	20
Dichlorodifluoromethane	ND		4.00	3.79		ug/L		95	70 - 130	19	20

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-69080-3 MSD — **Client Sample ID: W-141008-MLR-069**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 208574

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylbenzene	ND		4.00	3.69		ug/L		92	70 - 130	0	20
Hexachlorobutadiene	ND		4.00	4.24		ug/L		106	70 - 130	3	20
Isopropylbenzene	ND		4.00	3.80		ug/L		95	70 - 130	1	20
Methyl tert-butyl ether	ND		4.00	1.73	F1	ug/L		43	70 - 130	2	20
Methylene Chloride	ND		4.00	2.03	F1	ug/L		51	70 - 130	2	20
Naphthalene	ND		4.00	1.44	F1	ug/L		36	70 - 130	8	20
n-Butylbenzene	ND		4.00	4.03		ug/L		101	70 - 130	0	20
n-Propylbenzene	ND		4.00	4.24		ug/L		106	70 - 130	3	20
sec-Butylbenzene	ND		4.00	4.38		ug/L		109	70 - 130	3	20
Styrene	ND		4.00	1.30	F1	ug/L		33	70 - 130	7	20
tert-Butylbenzene	ND		4.00	4.45		ug/L		111	70 - 130	2	20
Tetrachloroethene	ND		4.00	4.14		ug/L		103	70 - 130	2	20
Toluene	ND		4.00	2.72	F1	ug/L		68	70 - 130	3	20
trans-1,2-Dichloroethene	ND		4.00	2.94		ug/L		74	70 - 130	3	20
trans-1,3-Dichloropropene	ND		4.00	1.06	F1	ug/L		27	70 - 130	13	20
Trichloroethene	ND		4.00	3.57		ug/L		89	70 - 130	2	20
Trichlorofluoromethane	ND		4.00	3.70	F2	ug/L		93	70 - 130	21	20
Xylenes, Total	ND		8.00	6.47		ug/L		81	70 - 130	0	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichlorobenzene-d4	*87*		*80 - 120*
4-Bromofluorobenzene (Surr)	*90*		*80 - 120*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 480-209098/4 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 209098

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	0.50	mg/L			10/21/14 21:39	1

Lab Sample ID: LCS 480-209098/3 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 209098

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	20.0	20.99		mg/L		105	90 - 110

Lab Sample ID: 480-69080-3 MS — **Client Sample ID: W-141008-MLR-069**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 209098

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	29.9		25.0	55.87		mg/L		104	90 - 110

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 480-69080-3 MSD
Matrix: Water
Analysis Batch: 209098

Client Sample ID: W-141008-MLR-069
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	29.9		25.0	55.49		mg/L		102	90 - 110	1	20

QC Association Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-69080-1

GC/MS VOA

Analysis Batch: 208574

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69080-1	W-141008-MLR-067	Total/NA	Water	524.2	
480-69080-2	W-141008-MLR-068	Total/NA	Water	524.2	
480-69080-3	W-141008-MLR-069	Total/NA	Water	524.2	
480-69080-3 MS	W-141008-MLR-069	Total/NA	Water	524.2	
480-69080-3 MSD	W-141008-MLR-069	Total/NA	Water	524.2	
480-69080-4	W-141008-MLR-070	Total/NA	Water	524.2	
480-69080-5	TRIP BLANK	Total/NA	Water	524.2	
LCS 480-208574/4	Lab Control Sample	Total/NA	Water	524.2	
MB 480-208574/24	Method Blank	Total/NA	Water	524.2	

General Chemistry

Analysis Batch: 209098

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69080-1	W-141008-MLR-067	Total/NA	Water	300.0	
480-69080-2	W-141008-MLR-068	Total/NA	Water	300.0	
480-69080-3	W-141008-MLR-069	Total/NA	Water	300.0	
480-69080-3 MS	W-141008-MLR-069	Total/NA	Water	300.0	
480-69080-3 MSD	W-141008-MLR-069	Total/NA	Water	300.0	
480-69080-4	W-141008-MLR-070	Total/NA	Water	300.0	
LCS 480-209098/3	Lab Control Sample	Total/NA	Water	300.0	
MB 480-209098/4	Method Blank	Total/NA	Water	300.0	

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-69080-1

Client Sample ID: W-141008-MLR-067 — Lab Sample ID: 480-69080-1

Date Collected: 10/08/14 12:25 — **Matrix: Water**
Date Received: 10/10/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	208574	10/18/14 17:05	CDC	TAL BUF
Total/NA	Analysis	300.0		1	209098	10/21/14 21:59	NDB	TAL BUF

Client Sample ID: W-141008-MLR-068 — Lab Sample ID: 480-69080-2

Date Collected: 10/08/14 13:15 — **Matrix: Water**
Date Received: 10/10/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	208574	10/18/14 17:32	CDC	TAL BUF
Total/NA	Analysis	300.0		1	209098	10/21/14 22:09	NDB	TAL BUF

Client Sample ID: W-141008-MLR-069 — Lab Sample ID: 480-69080-3

Date Collected: 10/08/14 13:29 — **Matrix: Water**
Date Received: 10/10/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	208574	10/18/14 17:58	CDC	TAL BUF
Total/NA	Analysis	300.0		1	209098	10/21/14 22:20	NDB	TAL BUF

Client Sample ID: W-141008-MLR-070 — Lab Sample ID: 480-69080-4

Date Collected: 10/08/14 13:32 — **Matrix: Water**
Date Received: 10/10/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	208574	10/18/14 19:19	CDC	TAL BUF
Total/NA	Analysis	300.0		1	209098	10/21/14 22:50	NDB	TAL BUF

Client Sample ID: TRIP BLANK — Lab Sample ID: 480-69080-5

Date Collected: 10/08/14 00:00 — **Matrix: Water**
Date Received: 10/10/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	208574	10/18/14 19:45	CDC	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Certification Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-69080-1

Laboratory: TestAmerica Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
Minnesota	NELAP	5	036-999-337	12-31-14

The following analytes are included in this report, but are not certified under this certification:

Analysis Method	Prep Method	Matrix	Analyte
524.2		Water	Dibromomethane
524.2		Water	Naphthalene

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
524.2		Water	1,1,2-Trichloro-1,2,2-trifluoroethane
524.2		Water	1,2-Dibromo-3-Chloropropane
524.2		Water	1,2-Dibromoethane
524.2		Water	1,3-Dichloropropane
524.2		Water	2-Butanone (MEK)
524.2		Water	2-Hexanone
524.2		Water	4-Isopropyltoluene
524.2		Water	4-Methyl-2-pentanone (MIBK)
524.2		Water	Acetone
524.2		Water	Acrylonitrile
524.2		Water	Allyl chloride
524.2		Water	Carbon disulfide
524.2		Water	Dichlorofluoromethane
524.2		Water	Ethyl ether
524.2		Water	Iodomethane
524.2		Water	m-Xylene & p-Xylene
524.2		Water	o-Xylene
524.2		Water	t-Butanol
524.2		Water	trans-1,4-Dichloro-2-butene
524.2		Water	Vinyl acetate

Method Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-69080-1

Method	Method Description	Protocol	Laboratory
524.2	Volatile Organic Compounds (GC/MS)	EPA-DW	TAL BUF
300.0	Anions, Ion Chromatography	MCAWW	TAL BUF

Protocol References:

EPA-DW = "Methods For The Determination Of Organic Compounds In Drinking Water", EPA/600/4-88/039, December 1988 And Its Supplements.

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-69080-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-69080-1	W-141008-MLR-067	Water	10/08/14 12:25	10/10/14 09:00
480-69080-2	W-141008-MLR-068	Water	10/08/14 13:15	10/10/14 09:00
480-69080-3	W-141008-MLR-069	Water	10/08/14 13:29	10/10/14 09:00
480-69080-4	W-141008-MLR-070	Water	10/08/14 13:32	10/10/14 09:00
480-69080-5	TRIP BLANK	Water	10/08/14 00:00	10/10/14 09:00

Detection Limit Exceptions Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 002012, Highway 96 Landfill

TestAmerica Job ID: 480-69080-1

The requested project specific reporting limits listed below were less than laboratory standard quantitation limits (PQL) but greater than or equal to the laboratory method detection limits (MDL). It must be noted that results reported below lab standard quantitation limits may result in false positive/false negative values and less accurate quantitation. Routine laboratory procedures do not indicate corrective action for detections below the laboratory's PQL.

Method	Matrix	Analyte	Units	Client RL	Lab PQL
524.2	Water	Trichloroethene	ug/L	0.20	0.5
524.2	Water	Vinyl chloride	ug/L	0.20	0.5

CONI & ASS

480-69080 Chain of Custody

AIN OF CUSTODY RECORD

1801 Old Highway 8 Northwest, Suite 114
St. Paul, Minnesota 55112 United States
Phone: (651) 639-0913 Fax: (651) 639-0923

COC NO.: SP- 01397
PAGE 1 OF 1
(See Reverse Side for Instructions)

Project No/ Phase/Task Code: 002012-
Laboratory Name: TEST AMERICA-BUFFALO
Lab Location: AMHERST, NY
SSOW ID:
Project Name: HWY 96
Lab Contact: MELISSA DEYO
Lab Quote No:
Cooler No:
Project Location: NORTH OAKS, MN
Carrier: FED EX
Chemistry Contact: GRANT ANDERSON
Airbill No:
Sampler(s): MICHAEL RICHIE
Date Shipped: 10/9/14

Item	Sample Identification (Containers for each sample may be combined on one line)	Date (mm/dd/yy)	Time (hh:mm)	Matrix Code (see back of COC)	Grab (G) or Comp (C)	Unpreserved	Hydrochloric Acid (HCl)	Nitric Acid (HNO_3)	Sulfuric Acid (H_2SO_4)	Sodium Hydroxide (NaOH)	Methanol/Water (Soil VOC)	EnCores 3x5-g, 1x25-g	Other:	Total Containers/Sample	Chloride (300.0A)	VOCs (524.2) STANDARD	524.2 MOD LIST	MS/MSD Request	Comments/ Special Instructions:
1	W-141008-MLR-067	10/8/14	12:25	WP	G	1	3							4	X	X	X		
2	W-141008-MLR-068	10/8/14	13:15	WP	G	1	3							4	X	X	X		
3	W-141008-MLR-069	10/8/14	13:29	WP	G	3	9							12	X	X	X		MS/MSD
4	W-141008-MLR-070	10/8/14	13:32	WP	G	1	3							4	X	X	X		
5	TRIP BLANK	10/8/14	—	TB	G		2							2		X	X		
6																			
7																			
8																			
9																			
10																			
11																			
12																			
13																			
14																			
15																			

TAT Required in business days (use separate COCs for different TATs):
☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ 1 Week ☒ 2 Week ☐ Other: STANDARD

Total Number of Containers: 26
All Samples in Cooler must be on COC

Notes/ Special Requirements: * 1,1-DICHLOROETHANE, CIS-1,2-DICHLOROETHENE AND VINYL CHLORIDE ONLY. TCE AND VINYL CHLORIDE WILL HAVE RL OF 0.2ug/L.

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
1. Michael Richie	CRA	10/9/14	16:00	1. [signature]	TA BUFF	10/10/14	0900
2.				2.			
3.				3.			

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

#7 4.0

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

CRA Form: COC-10A (20110804)

Login Sample Receipt Checklist

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 480-69080-1

Login Number: 69080
List Number: 1
Creator: Janish, Carl M

List Source: TestAmerica Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
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	
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	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	CRA
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	False	LAB TO CHECK

Attachment B

Data Quality Assessment and Validation Memorandum

CONESTOGA-ROVERS & ASSOCIATES

1801 Old Highway 8 NW, Suite #114
St. Paul, Minnesota 55112
Telephone: (651) 639-0913 Fax: (651) 639-0923
www.CRAworld.com

MEMORANDUM

TO:	Sarah Illi, CRA	REF. NO.:	002012
FROM:	Grant Anderson/sb/12	DATE:	December 10, 2014
CC:	Mike Richie, CRA		
RE:	**Analytical Results and Reduced Validation Highway 96 Site Residential Well Sampling White Bear Lake, Minnesota September and October 2014**		

1.0 Introduction

The following document details a reduced validation of analytical results for residential well water samples collected in support of the residential well sampling event at the Highway 96 Site on September 29, 30, October 1, 2, and 8, 2014. Samples were submitted to TestAmerica Laboratories, Inc. (TestAmerica), located in Buffalo, New York. A sample collection and analysis summary is presented in Table 1. The validated analytical results are summarized in Table 2. A summary of the analytical methodology is presented in Table 3.

Standard Conestoga-Rovers & Associates (CRA) report deliverables were submitted by the laboratory. The final results and supporting quality assurance/quality control (QA/QC) data were assessed. Evaluation of the data was based on information obtained from the chain of custody forms, finished report forms, method blank data, recovery data from surrogate spikes, laboratory control samples (LCS), matrix spikes (MS), and field QC samples.

The QA/QC criteria by which these data have been assessed are outlined in the analytical methods referenced in Table 3 and applicable guidance from the documents entitled:

i) "Response Action Plan Quality Assurance Project Plan (QAPP)"; May 1994, Conestoga-Rovers & Associates, Report 30
ii) "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review", United States Environmental Protection Agency (USEPA) 540/R-99-008, October 1999
iii) "USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review", USEPA 540/R-94-013, February 1994

EQUAL EMPLOYMENT OPPORTUNITY EMPLOYER

REGISTERED COMPANY FOR ISO 9001 ENGINEERING DESIGN

Items ii) and iii) will subsequently be referred to as the "Guidelines" in this Memorandum.

2.0 Sample Holding Time and Preservation

The sample holding time criteria for the analyses are summarized in Table 3. Sample chain of custody documents and analytical reports were used to determine sample holding times. All samples were analyzed within the required holding times.

All samples were properly preserved, delivered on ice, and stored by the laboratory at the required temperature (0-6°C).

3.0 Laboratory Method Blank Analyses

Method blanks are prepared from a purified matrix and analyzed with investigative samples to determine the existence and magnitude of sample contamination introduced during the analytical procedures.

Laboratory method blanks were analyzed at a minimum frequency of 1 per 20 investigative samples and/or 1 per analytical batch.

All method blank results were non-detect, indicating that laboratory contamination was not a factor for this investigation.

4.0 Surrogate Spike Recoveries - Organic Analyses

In accordance with the methods employed, all samples, blanks, and QC samples analyzed for organics are spiked with surrogate compounds prior to sample analysis. Surrogate recoveries provide a means to evaluate the effects of laboratory performance on individual sample matrices.

All samples submitted for VOC determinations were spiked with the appropriate number of surrogate compounds prior to sample analysis.

Surrogate recoveries were assessed and were within laboratory control limits.

5.0 Laboratory Control Sample Analyses

LCS and/or laboratory control sample duplicates (LCSD) are prepared and analyzed as samples to assess the analytical efficiencies of the methods employed, independent of sample matrix effects. The relative percent difference (RPD) of the LCS/LCSD recoveries is used to evaluate analytical accuracy and precision.

LCS and/or LCSD were analyzed at a minimum frequency of 1 per 20 investigative samples and/or 1 per analytical batch.

Organic Analyses

The LCS contained all compounds of interest. LCS recoveries and RPDs were assessed per the "Guidelines". The LCS recoveries and RPDs were within the laboratory control limits, demonstrating acceptable analytical accuracy and precision.

Inorganic Analyses

The LCS contained all analytes of interest. LCS recoveries and RPDs were assessed per the "Guidelines". All LCS recoveries and RPDs were within the laboratory control limits, demonstrating acceptable analytical accuracy and precision.

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

To evaluate the effects of sample matrices on the extraction or digestion process, measurement procedures, and accuracy of a particular analysis, select samples are spiked with a known concentration of the analyte of concern and analyzed as MS/MSD samples. The RPD between the MS and MSD is used to assess analytical precision. If the original investigative sample result for any analyte is significantly greater than the associated spike concentration, the recovery and RPD for that analyte is not assessed.

MS/MSD analyses were performed as specified in Table 1. The laboratory performed additional site-specific MS/MSD analyses internally.

Organic Analyses

The MS/MSD samples were spiked with all compounds of interest, and the results were evaluated using the "Guidelines". Table 4 lists outlying MS/MSD results. Associated sample data are qualified as noted in the table.

Inorganic Analyses

The MS/MSD samples were spiked with the analytes of interest, and the results were evaluated using the "Guidelines". Table 4 lists outlying MS/MSD results. Associated sample data are qualified as noted in the table.

7.0 Field QA/QC Samples

The field QA/QC consisted of three trip blank samples, seven field blank samples, and seven field duplicate sample sets.

Trip Blank Sample Analysis

To evaluate contamination from sample collection, transportation, storage, and analytical activities, three trip blank samples were submitted to the laboratory for volatile organic compound (VOC) analysis, as identified in Table 1. All results were non-detect for the compounds of interest.

Field Blank Sample Analysis

To assess ambient conditions at the Site and cleanliness of sample containers, seven field blanks were submitted for analysis, as identified in Table 1. The field blanks were reported to be free from detectable concentrations of target VOC analytes. The field blanks yielded detectable concentrations of chloride. However, the water provided by the laboratory used for the field blank samples was not "chloride free" water; therefore, no qualification of chloride data was warranted as it was inherent in the water used for field blanks and not from the ambient conditions.

Field Duplicate Sample Analysis

To assess the analytical and sampling protocol precision, seven field duplicate samples were collected and submitted "blind" to the laboratory, as identified in Table 1.

If both sample results associated with the field duplicate sample set are detects greater than five times the reporting limit (RL), the RPD must be less than 50 percent. If any reported concentration in the field duplicate sample set is less than five times the RL, the difference between the results must be less than one times the RL value.

If one of the sample results associated with the field duplicate sample set is non-detect, the RPD must be less than 50 percent (using the RL in place of the non-detect result to calculate the RPD). If any reported concentration in the field duplicate sample set is between one times the RL and five times the RL, the difference between the results must be less than one times the RL value (using the RL in place of the non-detect result to calculate the difference). If any reported concentration in the field duplicate sample set is less than the RL, the difference between the results must be less than one times the method detection limit (MDL) value (using the MDL in place of the non-detect result to calculate the difference).

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

8.0 Analyte Reporting

VOCs (524.2)

TestAmerica reported detected results down to the laboratory's MDL for a select list of VOC analytes, as approved by the Minnesota Pollution Control Agency (MPCA). This list includes: 1,1-dichloroethane, cis-1,2-dichloroethene and vinyl chloride. Positive analyte detections less than the quantitation limit (i.e., RL) but greater than the MDL were qualified as estimated (J) unless qualified

otherwise in this memorandum. The remaining VOC analytes on the TestAmerica analyte list were reported down to the laboratory RL. Non-detect results were presented as non-detect at the laboratory RL.

Chloride (300.0)

TestAmerica reported detected results down to the laboratory's RL. Non-detect results were presented as non-detect at the laboratory RL.

9.0 Conclusion

Based on the assessment detailed in the foregoing, the data summarized in Table 2 are acceptable with the specific qualifications noted herein.

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
RESIDENTIAL WELL SAMPLING EVENT
HIGHWAY 96 SITE
WHITE BEAR LAKE, MINNESOTA
SEPTEMBER AND OCTOBER 2014

Sample Identification	*Location*	*Matrix*	*Collection Date (mm/dd/yyyy)*	*Collection Time (hr:min)*	*Analysis/ Paramete*		*Comments*
					VOC (524.2)	*Chloride (300.0)*	
W-140929-MLR-001	9DUCKPR	Water	9/29/2014	10:57:00 AM	X	X	
W-140929-MLR-002	9DUCKPR	Water	9/29/2014	10:59:00 AM	X	X	duplicate (MLR-001)
W-140929-MLR-003	20DUCKPR	Water	9/29/2014	11:04:00 AM	X	X	
W-140929-MLR-004	22DUCKPR	Water	9/29/2014	11:07:00 AM	X	X	
W-140929-MLR-005	13DUCKPR	Water	9/29/2014	11:37:00 AM	X	X	
W-140929-MLR-006	13DUCKPR	Water	9/29/2014	11:32:00 AM	X	X	field blank
W-140929-MLR-007	26DUCKPR	Water	9/29/2014	11:42:00 AM	X	X	
W-140929-MLR-008	28DUCKPR	Water	9/29/2014	11:47:00 AM	X	X	
W-140929-MLR-009	3GADWELL	Water	9/29/2014	12:16:00 PM	X	X	MS/MSD
W-140929-MLR-010	2GADWELL	Water	9/29/2014	12:17:00 PM	X	X	
W-140929-MLR-011	1GADWELL	Water	9/29/2014	12:22:00 PM	X	X	
W-140929-MLR-012	32EOAK	Water	9/29/2014	1:04:00 PM	X	X	
W-140929-MLR-013	36EOAK	Water	9/29/2014	1:08:00 PM	X	X	
W-140929-MLR-014	38EOAK	Water	9/29/2014	1:15:00 PM	X	X	
W-140929-MLR-015	44EOAK	Water	9/29/2014	1:23:00 PM	X	X	
W-140929-MLR-016	44EOAK	Water	9/29/2014	1:24:00 PM	X	X	duplicate (MLR-015)
W-140929-MLR-017	4SKILN	Water	9/29/2014	1:50:00 PM	X	X	
W-140929-MLR-018	6SKILN	Water	9/29/2014	1:53:00 PM	X	X	
W-140929-MLR-019	10SKILN	Water	9/29/2014	2:00:00 PM	X	X	field blank
W-140929-MLR-020	10SKILN	Water	9/29/2014	2:02:00 PM	X	X	
W-140929-MLR-021	12SKILN	Water	9/29/2014	2:02:00 PM	X	X	

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
RESIDENTIAL WELL SAMPLING EVENT
HIGHWAY 96 SITE
WHITE BEAR LAKE, MINNESOTA
SEPTEMBER AND OCTOBER 2014

Sample Identification	*Location*	*Matrix*	*Collection Date (mm/dd/yyyy)*	*Collection Time (hr:min)*	*Analysis/ Paramete*		*Comments*
					VOC (524.2)	*Chloride (300.0)*	
W-140929-MLR-022	14SKILN	Water	9/29/2014	2:33:00 PM	X	X	
W-140929-MLR-023	16SKILN	Water	9/29/2014	2:36:00 PM	X	X	
W-140929-MLR-024	3BUFFALO	Water	9/29/2014	2:40:00 PM	X	X	
W-140929-MLR-025	1BUFFALO	Water	9/29/2014	2:44:00 PM	X	X	
W-140929-MLR-026	1EAGLERDG	Water	9/29/2014	3:15:00 PM	X	X	
W-140929-MLR-027	1EAGLERDG	Water	9/29/2014	3:16:00 PM	X	X	duplicate (MLR-026)
W-140929-MLR-028	4EAGLERDG	Water	9/29/2014	3:18:00 PM	X	X	
W-140929-MLR-029	6EAGLERDG	Water	9/29/2014	3:22:00 PM	X	X	
W-140929-MLR-030	3QUAILLN	Water	9/29/2014	3:58:00 PM	X	X	
W-140929-MLR-031	3THOMPSNLN	Water	9/29/2014	4:04:00 PM	X	X	
W-140929-MLR-032	5HERONLN	Water	9/29/2014	4:23:00 PM	X	X	field blank
W-140929-MLR-033	5HERONLN	Water	9/29/2014	4:30:00 PM	X	X	
W-140929-MLR-034	1HERONLN	Water	9/29/2014	4:33:00 PM	X	X	
W-140929-MLR-035	2HERONLNNEW	Water	9/29/2014	4:37:00 PM	X	X	
W-140929-MLR-036	1WSHORE	Water	9/29/2014	4:39:00 PM	X	X	
W-140930-MLR-037	35ROBFRD	Water	9/30/2014	9:25:00 AM	X	X	MS/MSD
W-140930-MLR-038	37ROBFRD	Water	9/30/2014	9:33:00 AM	X	X	
W-140930-MLR-039	41ROBFRD	Water	9/30/2014	10:05:00 AM	X	X	
W-140930-MLR-040	41ROBFRD	Water	9/30/2014	10:06:00 AM	X	X	duplicate (MLR-039)
W-140930-MLR-041	43ROBFRD	Water	9/30/2014	10:08:00 AM	X	X	
W-140930-MLR-042	45ROBFRD	Water	9/30/2014	10:12:00 AM	X	X	

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
RESIDENTIAL WELL SAMPLING EVENT
HIGHWAY 96 SITE
WHITE BEAR LAKE, MINNESOTA
SEPTEMBER AND OCTOBER 2014

					Analysis/ Paramete		
Sample Identification	***Location***	***Matrix***	***Collection Date (mm/dd/yyyy)***	***Collection Time (hr:min)***	***VOC (524.2)***	***Chloride (300.0)***	***Comments***
W-140930-MLR-043	2WSHORE	Water	9/30/2014	10:45:00 AM	X	X	
W-140930-MLR-044	4WSHORE	Water	9/30/2014	10:50:00 AM	X	X	
W-140930-MLR-045	3WSHORE	Water	9/30/2014	11:02:00 AM	X	X	
W-140930-MLR-046	3WSHORE	Water	9/30/2014	11:04:00 AM	X	X	field blank
W-140930-MLR-047	5WSHORE	Water	9/30/2014	11:30:00 AM	X	X	
W-140930-MLR-048	6WSHORE	Water	9/30/2014	11:35:00 AM	X	X	
W-140930-MLR-049	7WSHORE	Water	9/30/2014	11:45:00 AM	X	X	
W-140930-MLR-050	9WSHORE	Water	9/30/2014	12:15:00 PM	X	X	
W-140930-MLR-051	10WSHORE	Water	9/30/2014	12:23:00 PM	X	X	
W-140930-MLR-052	15WSHORE	Water	9/30/2014	12:25:00 PM	X	X	
W-140930-MLR-053	8POPLLN	Water	9/30/2014	12:58:00 PM	X	X	
W-140930-MLR-054	4POPLLN	Water	9/30/2014	12:51:00 PM	X	X	
Trip Blank	lab	Water	9/30/2014	-	X		
W-141001-MLR-055	3HERONLN	Water	10/1/2014	10:05:00 AM	X	X	MS/MSD
W-141001-MLR-056	10POPLLN	Water	10/1/2014	10:45:00 AM	X	X	
W-141001-MLR-057	10POPLLN	Water	10/1/2014	10:46:00 AM	X	X	duplicate (MLR-056)
W-141001-MLR-058	3POPLLN	Water	10/1/2014	10:51:00 AM	X	X	
W-141001-MLR-059	1POPLLN	Water	10/1/2014	11:13:00 AM	X	X	field blank
W-141001-MLR-060	1POPLLN	Water	10/1/2014	11:19:00 AM	X	X	
W-141001-MLR-061	11WSHORE	Water	10/1/2014	11:48:00 AM	X	X	
W-141001-MLR-062	8SKILN	Water	10/1/2014	12:16:00 PM	X	X	

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
RESIDENTIAL WELL SAMPLING EVENT
HIGHWAY 96 SITE
WHITE BEAR LAKE, MINNESOTA
SEPTEMBER AND OCTOBER 2014

					Analysis/ Paramete		
Sample Identification	***Location***	***Matrix***	***Collection Date (mm/dd/yyyy)***	***Collection Time (hr:min)***	***VOC (524.2)***	***Chloride (300.0)***	***Comments***
W-141001-MLR-063	4GADWELL	Water	10/1/2014	12:36:00 PM	X	X	
W-141002-MLR-064	6POPLLN	Water	10/2/2014	8:55:00 AM	X	X	
W-141002-MLR-065	1THOMPSNLN	Water	10/2/2014	9:16:00 AM	X	X	field blank
W-141002-MLR-066	1THOMPSNLN	Water	10/2/2014	9:21:00 AM	X	X	
1 HUMMING BIRD	1HUMMBIRD	Water	10/2/2014	10:25:00 AM	X	X	
50 EAST OAKS	50EOAK	Water	10/2/2014	10:50:00 AM	X	X	
50 EAST OAKS DUP	50EOAK	Water	10/2/2014	10:50:00 AM	X	X	duplicate (50 East Oaks)
8 WEST SHORE	8WSHORE	Water	10/2/2014	11:15:00 AM	X	X	
15 DUCK PASS	15DUCKPR	Water	10/2/2014	11:40:00 AM	X	X	
Trip Blank	lab	Water	10/2/2014	-	X		
W-141008-MLR-067	44ROBFRD	Water	10/8/2014	12:25:00 PM	X	X	
W-141008-MLR-068	2EAGLERDG	Water	10/8/2014	1:15:00 PM	X	X	field blank
W-141008-MLR-069	2EAGLERDG	Water	10/8/2014	1:29:00 PM	X	X	MS/MSD
W-141008-MLR-070	2EAGLERDG	Water	10/8/2014	1:32:00 PM	X	X	Field Duplicate (MLR-069)
Trip Blank	lab	Water	10/8/2014	-	X		

Notes:

VOC - Volatile Organic Compounds
MS/MSD - Matrix Spike/Matrix Spike Duplicate

TABLE 2

VALIDATED ANALYTICAL RESULTS SUMMARY
RESIDENTIAL WELL SAMPLING EVENT
HIGHWAY 96 SITE
WHITE BEAR LAKE, MINNESOTA
SEPTEMBER AND OCTOBER 2014

Sample Location:		*9DUCKPR*	*9DUCKPR*	*20DUCKPR*	*22DUCKPR*	*13DUCKPR*	*13DUCKPR*	*26DUCKPR*	*28DUCKPR*	*3GADWELL*	*2GADWELL*	*1GADWELL*	*32EOAK*	*36EOAK*
Sample ID:		*W-140929-MLR-001*	*W-140929-MLR-002*	*W-140929-MLR-003*	*W-140929-MLR-004*	*W-140929-MLR-005*	*W-140929-MLR-006*	*W-140929-MLR-007*	*W-140929-MLR-008*	*W-140929-MLR-009*	*W-140929-MLR-010*	*W-140929-MLR-011*	*W-140929-MLR-012*	*W-140929-MLR-013*
Sample Date:		*9/29/2014*	*9/29/2014*	*9/29/2014*	*9/29/2014*	*9/29/2014*	*9/29/2014*	*9/29/2014*	*9/29/2014*	*9/29/2014*	*9/29/2014*	*9/29/2014*	*9/29/2014*	*9/29/2014*
Sample Type:		*N*	*FD*	*N*	*N*	*N*	*FB*	*N*	*N*	*N*	*N*	*N*	*N*	*N*
Sample Depth:		-	-	-	-	-	-	-	-	-	-	-	-	-
VOAs														
1,1,1,2-Tetrachloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1,1-Trichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2,2-Tetrachloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2-Trichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethane	ug/L	0.58	0.63	0.68	1.9	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloropropene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2,3-Trichlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2,3-Trichloropropane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2,4-Trichlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2,4-Trimethylbenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromoethane (Ethylene dibromide)	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloropropane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,3,5-Trimethylbenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,3-Dichlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,3-Dichloropropane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,4-Dichlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
2,2-Dichloropropane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Chlorotoluene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
2-Hexanone	ug/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Phenylbutane (sec-Butylbenzene)	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
4-Chlorotoluene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Acetone	ug/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Acrylonitrile	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Allyl chloride	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Benzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromodichloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromoform	ug/L	0.50 U	0.50 UJ	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromomethane (Methyl bromide)	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Carbon disulfide	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Carbon tetrachloride	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chlorobromomethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chloroform (Trichloromethane)	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chloromethane (Methyl chloride)	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,2-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,3-Dichloropropene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Cymene (p-Isopropyltoluene)	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Dibromochloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Dibromomethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Dichlorodifluoromethane (CFC-12)	ug/L	0.50	0.65	1.2	2.3	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Dichlorofluoromethane	ug/L	0.50 U	0.50 U	0.61	1.1	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Ethyl ether	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Ethylbenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Hexachlorobutadiene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Iodomethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Isopropyl benzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
m&p-Xylenes	ug/L	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	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Methylene chloride	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Naphthalene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
N-Butylbenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
N-Propylbenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U

TABLE 2

VALIDATED ANALYTICAL RESULTS SUMMARY
RESIDENTIAL WELL SAMPLING EVENT
HIGHWAY 96 SITE
WHITE BEAR LAKE, MINNESOTA
SEPTEMBER AND OCTOBER 2014

Sample Location:		*9DUCKPR*	*9DUCKPR*	*20DUCKPR*	*22DUCKPR*	*13DUCKPR*	*13DUCKPR*	*26DUCKPR*	*28DUCKPR*	*3GADWELL*	*2GADWELL*	*1GADWELL*	*32EOAK*	*36EOAK*
Sample ID:		*W-140929-MLR-001*	*W-140929-MLR-002*	*W-140929-MLR-003*	*W-140929-MLR-004*	*W-140929-MLR-005*	*W-140929-MLR-006*	*W-140929-MLR-007*	*W-140929-MLR-008*	*W-140929-MLR-009*	*W-140929-MLR-010*	*W-140929-MLR-011*	*W-140929-MLR-012*	*W-140929-MLR-013*
Sample Date:		*9/29/2014*	*9/29/2014*	*9/29/2014*	*9/29/2014*	*9/29/2014*	*9/29/2014*	*9/29/2014*	*9/29/2014*	*9/29/2014*	*9/29/2014*	*9/29/2014*	*9/29/2014*	*9/29/2014*
Sample Type:		*N*	*FD*	*N*	*N*	*N*	*FB*	*N*	*N*	*N*	*N*	*N*	*N*	*N*
Sample Depth:		-	-	-	-	-	-	-	-	-	-	-	-	-
o-Xylene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Styrene	ug/L	0.50 U	0.50 UJ	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
tert-Butyl alcohol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
tert-Butylbenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Tetrachloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Toluene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,2-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,3-Dichloropropene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,4-Dichloro-2-butene	ug/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Trichloroethene	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Trichlorofluoromethane (CFC-11)	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Trifluorotrichloroethane (Freon 113)	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Trihalomethanes	ug/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Vinyl acetate	ug/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Vinyl chloride	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Xylenes (total)	ug/L	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	1.0 U	1.0 U
Wet														
Chloride	mg/L	33.2 J	34.9 J	43.9 J	46.4 J	23.2 J	23.0 J	28.7 J	70.8 J	23.9 J	27.7 J	32.8 J	31.8 J	24.2 J

TABLE 2

VALIDATED ANALYTICAL RESULTS SUMMARY
RESIDENTIAL WELL SAMPLING EVENT
HIGHWAY 96 SITE
WHITE BEAR LAKE, MINNESOTA
SEPTEMBER AND OCTOBER 2014

Sample Location:		*38EOAK*	*44EOAK*	*44EOAK*	*4SKILN*	*6SKILN*	*10SKILN*	*10SKILN*	*12SKILN*	*14SKILN*	*16SKILN*	*3BUFFALO*	*1BUFFALO*	*1EAGLERDG*
Sample ID:		*W-140929-MLR-014*	*W-140929-MLR-015*	*W-140929-MLR-016*	*W-140929-MLR-017*	*W-140929-MLR-018*	*W-140929-MLR-019*	*W-140929-MLR-020*	*W-140929-MLR-021*	*W-140929-MLR-022*	*W-140929-MLR-023*	*W-140929-MLR-024*	*W-140929-MLR-025*	*W-140929-MLR-026*
Sample Date:		*9/29/2014*	*9/29/2014*	*9/29/2014*	*9/29/2014*	*9/29/2014*	*9/29/2014*	*9/29/2014*	*9/29/2014*	*9/29/2014*	*9/29/2014*	*9/29/2014*	*9/29/2014*	*9/29/2014*
Sample Type:		*N*	*N*	*FD*	*N*	*N*	*FB*	*N*	*N*	*N*	*N*	*N*	*N*	*N*
Sample Depth:		-	-	-	-	-	-	-	-	-	-	-	-	-
VOAs														
1,1,1,2-Tetrachloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1,1-Trichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2,2-Tetrachloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2-Trichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloropropene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2,3-Trichlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2,3-Trichloropropane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2,4-Trichlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2,4-Trimethylbenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromoethane (Ethylene dibromide)	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloropropane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,3,5-Trimethylbenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,3-Dichlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,3-Dichloropropane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,4-Dichlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
2,2-Dichloropropane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Chlorotoluene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
2-Hexanone	ug/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Phenylbutane (sec-Butylbenzene)	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
4-Chlorotoluene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Acetone	ug/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Acrylonitrile	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Allyl chloride	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Benzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromodichloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromoform	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromomethane (Methyl bromide)	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Carbon disulfide	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Carbon tetrachloride	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chlorobromomethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chloroform (Trichloromethane)	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chloromethane (Methyl chloride)	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,2-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,3-Dichloropropene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Cymene (p-Isopropyltoluene)	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Dibromochloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Dibromomethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Dichlorodifluoromethane (CFC-12)	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Dichlorofluoromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Ethyl ether	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Ethylbenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Hexachlorobutadiene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Iodomethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Isopropyl benzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
m&p-Xylenes	ug/L	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	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Methylene chloride	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Naphthalene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
N-Butylbenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
N-Propylbenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U

TABLE 2

VALIDATED ANALYTICAL RESULTS SUMMARY
RESIDENTIAL WELL SAMPLING EVENT
HIGHWAY 96 SITE
WHITE BEAR LAKE, MINNESOTA
SEPTEMBER AND OCTOBER 2014

Sample Location:		*38EOAK*	*44EOAK*	*44EOAK*	*4SKILN*	*6SKILN*	*10SKILN*	*10SKILN*	*12SKILN*	*14SKILN*	*16SKILN*	*3BUFFALO*	*1BUFFALO*	*1EAGLERDG*
Sample ID:		*W-140929-MLR-014*	*W-140929-MLR-015*	*W-140929-MLR-016*	*W-140929-MLR-017*	*W-140929-MLR-018*	*W-140929-MLR-019*	*W-140929-MLR-020*	*W-140929-MLR-021*	*W-140929-MLR-022*	*W-140929-MLR-023*	*W-140929-MLR-024*	*W-140929-MLR-025*	*W-140929-MLR-026*
Sample Date:		*9/29/2014*	*9/29/2014*	*9/29/2014*	*9/29/2014*	*9/29/2014*	*9/29/2014*	*9/29/2014*	*9/29/2014*	*9/29/2014*	*9/29/2014*	*9/29/2014*	*9/29/2014*	*9/29/2014*
Sample Type:		*N*	*N*	*FD*	*N*	*N*	*FB*	*N*	*N*	*N*	*N*	*N*	*N*	*N*
Sample Depth:		-	-	-	-	-	-	-	-	-	-	-	-	-
o-Xylene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Styrene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
tert-Butyl alcohol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
tert-Butylbenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Tetrachloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Toluene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,2-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,3-Dichloropropene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,4-Dichloro-2-butene	ug/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Trichloroethene	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Trichlorofluoromethane (CFC-11)	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Trifluorotrichloroethane (Freon 113)	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Trihalomethanes	ug/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Vinyl acetate	ug/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Vinyl chloride	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Xylenes (total)	ug/L	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	1.0 U	1.0 U
Wet														
Chloride	mg/L	1.2 J	11.7 J	11.7 J	40.1 J	28.2	21.5	26.7	24.8	34.6	35.7	36.4	29.0	16.5

TABLE 2

VALIDATED ANALYTICAL RESULTS SUMMARY
RESIDENTIAL WELL SAMPLING EVENT
HIGHWAY 96 SITE
WHITE BEAR LAKE, MINNESOTA
SEPTEMBER AND OCTOBER 2014

Sample Location:		*1EAGLERDG*	*4EAGLERDG*	*6EAGLERDG*	*3QUAILLN*	*3THOMPSNLN*	*5HERONLN*	*5HERONLN*	*1HERONLN*	*2HERONLNNEW*	*1WSHORE*	*35ROBFRD*	*37ROBFRD*	*41ROBFRD*
Sample ID:		*W-140929-MLR-027*	*W-140929-MLR-028*	*W-140929-MLR-029*	*W-140929-MLR-030*	*W-140929-MLR-031*	*W-140929-MLR-032*	*W-140929-MLR-033*	*W-140929-MLR-034*	*W-140929-MLR-035*	*W-140929-MLR-036*	*W-140930-MLR-037*	*W-140930-MLR-038*	*W-140930-MLR-039*
Sample Date:		*9/29/2014*	*9/29/2014*	*9/29/2014*	*9/29/2014*	*9/29/2014*	*9/29/2014*	*9/29/2014*	*9/29/2014*	*9/29/2014*	*9/29/2014*	*9/30/2014*	*9/30/2014*	*9/30/2014*
Sample Type:		*FD*	*N*	*N*	*N*	*N*	*FB*	*N*	*N*	*N*	*N*	*N*	*N*	*N*
Sample Depth:		-	-	-	-	-	-	-	-	-	-	-	-	-
VOAs														
1,1,1,2-Tetrachloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1,1-Trichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2,2-Tetrachloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2-Trichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloropropene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2,3-Trichlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2,3-Trichloropropane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2,4-Trichlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2,4-Trimethylbenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromoethane (Ethylene dibromide)	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloropropane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,3,5-Trimethylbenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,3-Dichlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,3-Dichloropropane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,4-Dichlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
2,2-Dichloropropane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Chlorotoluene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
2-Hexanone	ug/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Phenylbutane (sec-Butylbenzene)	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
4-Chlorotoluene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Acetone	ug/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Acrylonitrile	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Allyl chloride	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Benzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromodichloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromoform	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromomethane (Methyl bromide)	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Carbon disulfide	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Carbon tetrachloride	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chlorobromomethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chloroform (Trichloromethane)	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chloromethane (Methyl chloride)	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,2-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,3-Dichloropropene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Cymene (p-Isopropyltoluene)	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Dibromochloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Dibromomethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Dichlorodifluoromethane (CFC-12)	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Dichlorofluoromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Ethyl ether	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Ethylbenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Hexachlorobutadiene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Iodomethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Isopropyl benzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
m&p-Xylenes	ug/L	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	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Methylene chloride	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Naphthalene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
N-Butylbenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
N-Propylbenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U

TABLE 2

VALIDATED ANALYTICAL RESULTS SUMMARY
RESIDENTIAL WELL SAMPLING EVENT
HIGHWAY 96 SITE
WHITE BEAR LAKE, MINNESOTA
SEPTEMBER AND OCTOBER 2014

Sample Location:		*1EAGLERDG*	*4EAGLERDG*	*6EAGLERDG*	*3QUAILLN*	*3THOMPSNLN*	*5HERONLN*	*5HERONLN*	*1HERONLN*	*2HERONLNNEW*	*1WSHORE*	*35ROBFRD*	*37ROBFRD*	*41ROBFRD*
Sample ID:		*W-140929-MLR-027*	*W-140929-MLR-028*	*W-140929-MLR-029*	*W-140929-MLR-030*	*W-140929-MLR-031*	*W-140929-MLR-032*	*W-140929-MLR-033*	*W-140929-MLR-034*	*W-140929-MLR-035*	*W-140929-MLR-036*	*W-140930-MLR-037*	*W-140930-MLR-038*	*W-140930-MLR-039*
Sample Date:		*9/29/2014*	*9/29/2014*	*9/29/2014*	*9/29/2014*	*9/29/2014*	*9/29/2014*	*9/29/2014*	*9/29/2014*	*9/29/2014*	*9/29/2014*	*9/30/2014*	*9/30/2014*	*9/30/2014*
Sample Type:		*FD*	*N*	*N*	*N*	*N*	*FB*	*N*	*N*	*N*	*N*	*N*	*N*	*N*
Sample Depth:		-	-	-	-	-	-	-	-	-	-	-	-	-
o-Xylene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Styrene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
tert-Butyl alcohol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
tert-Butylbenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Tetrachloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Toluene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,2-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,3-Dichloropropene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,4-Dichloro-2-butene	ug/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Trichloroethene	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Trichlorofluoromethane (CFC-11)	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Trifluorotrichloroethane (Freon 113)	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Trihalomethanes	ug/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Vinyl acetate	ug/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Vinyl chloride	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Xylenes (total)	ug/L	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	1.0 U	1.0 U
Wet														
Chloride	mg/L	16.5	25.4	48.4	21.3	12.3	21.4	50.6	24.8	17.7	42.4	54.6	8.0	3.2

TABLE 2

VALIDATED ANALYTICAL RESULTS SUMMARY
RESIDENTIAL WELL SAMPLING EVENT
HIGHWAY 96 SITE
WHITE BEAR LAKE, MINNESOTA
SEPTEMBER AND OCTOBER 2014

Sample Location:		*41ROBFRD*	*43ROBFRD*	*45ROBFRD*	*2WSHORE*	*4WSHORE*	*3WSHORE*	*3WSHORE*	*5WSHORE*	*6WSHORE*	*7WSHORE*	*9WSHORE*	*10WSHORE*	*15WSHORE*
Sample ID:		*W-140930-MLR-040*	*W-140930-MLR-041*	*W-140930-MLR-042*	*W-140930-MLR-043*	*W-140930-MLR-044*	*W-140930-MLR-045*	*W-140930-MLR-046*	*W-140930-MLR-047*	*W-140930-MLR-048*	*W-140930-MLR-049*	*W-140930-MLR-050*	*W-140930-MLR-051*	*W-140930-MLR-052*
Sample Date:		*9/30/2014*	*9/30/2014*	*9/30/2014*	*9/30/2014*	*9/30/2014*	*9/30/2014*	*9/30/2014*	*9/30/2014*	*9/30/2014*	*9/30/2014*	*9/30/2014*	*9/30/2014*	*9/30/2014*
Sample Type:		*FD*	*N*	*N*	*N*	*N*	*N*	*FB*	*N*	*N*	*N*	*N*	*N*	*N*
Sample Depth:		-	-	-	-	-	-	-	-	-	-	-	-	-
VOAs														
1,1,1,2-Tetrachloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1,1-Trichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2,2-Tetrachloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2-Trichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloropropene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2,3-Trichlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2,3-Trichloropropane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2,4-Trichlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2,4-Trimethylbenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromoethane (Ethylene dibromide)	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloropropane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,3,5-Trimethylbenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,3-Dichlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,3-Dichloropropane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,4-Dichlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
2,2-Dichloropropane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Chlorotoluene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
2-Hexanone	ug/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Phenylbutane (sec-Butylbenzene)	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
4-Chlorotoluene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Acetone	ug/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Acrylonitrile	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Allyl chloride	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Benzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromodichloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromoform	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromomethane (Methyl bromide)	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Carbon disulfide	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Carbon tetrachloride	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chlorobromomethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chloroform (Trichloromethane)	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chloromethane (Methyl chloride)	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,2-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,3-Dichloropropene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Cymene (p-Isopropyltoluene)	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Dibromochloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Dibromomethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Dichlorodifluoromethane (CFC-12)	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Dichlorofluoromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Ethyl ether	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Ethylbenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Hexachlorobutadiene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Iodomethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Isopropyl benzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
m&p-Xylenes	ug/L	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	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Methylene chloride	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Naphthalene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
N-Butylbenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
N-Propylbenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U

TABLE 2

VALIDATED ANALYTICAL RESULTS SUMMARY
RESIDENTIAL WELL SAMPLING EVENT
HIGHWAY 96 SITE
WHITE BEAR LAKE, MINNESOTA
SEPTEMBER AND OCTOBER 2014

Sample Location:		*41ROBFRD*	*43ROBFRD*	*45ROBFRD*	*2WSHORE*	*4WSHORE*	*3WSHORE*	*3WSHORE*	*5WSHORE*	*6WSHORE*	*7WSHORE*	*9WSHORE*	*10WSHORE*	*15WSHORE*
Sample ID:		*W-140930-MLR-040*	*W-140930-MLR-041*	*W-140930-MLR-042*	*W-140930-MLR-043*	*W-140930-MLR-044*	*W-140930-MLR-045*	*W-140930-MLR-046*	*W-140930-MLR-047*	*W-140930-MLR-048*	*W-140930-MLR-049*	*W-140930-MLR-050*	*W-140930-MLR-051*	*W-140930-MLR-052*
Sample Date:		*9/30/2014*	*9/30/2014*	*9/30/2014*	*9/30/2014*	*9/30/2014*	*9/30/2014*	*9/30/2014*	*9/30/2014*	*9/30/2014*	*9/30/2014*	*9/30/2014*	*9/30/2014*	*9/30/2014*
Sample Type:		*FD*	*N*	*N*	*N*	*N*	*N*	*FB*	*N*	*N*	*N*	*N*	*N*	*N*
Sample Depth:		-	-	-	-	-	-	-	-	-	-	-	-	-
o-Xylene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Styrene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
tert-Butyl alcohol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
tert-Butylbenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Tetrachloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Toluene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,2-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,3-Dichloropropene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,4-Dichloro-2-butene	ug/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Trichloroethene	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Trichlorofluoromethane (CFC-11)	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Trifluorotrichloroethane (Freon 113)	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Trihalomethanes	ug/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Vinyl acetate	ug/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Vinyl chloride	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Xylenes (total)	ug/L	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	1.0 U	1.0 U
Wet														
Chloride	mg/L	3.3	27.2	22.2	46.5	37.2	5.2	21.2	7.5	4.7	6.4	5.8	26.2	31.0

TABLE 2

VALIDATED ANALYTICAL RESULTS SUMMARY
RESIDENTIAL WELL SAMPLING EVENT
HIGHWAY 96 SITE
WHITE BEAR LAKE, MINNESOTA
SEPTEMBER AND OCTOBER 2014

Sample Location:		*8POPLLN*	*4POPLLN*	*3HERONLN*	*10POPLLN*	*10POPLLN*	*3POPLLN*	*1POPLLN*	*1POPLLN*	*11WSHORE*	*8SKILN*	*4GADWELL*	*6POPLLN*	*1THOMPSNLN*
Sample ID:		*W-140930-MLR-053*	*W-140930-MLR-054*	*W-141001-MLR-055*	*W-141001-MLR-056*	*W-141001-MLR-057*	*W-141001-MLR-058*	*W-141001-MLR-059*	*W-141001-MLR-060*	*W-141001-MLR-061*	*W-141001-MLR-062*	*W-141001-MLR-063*	*W-141002-MLR-064*	*W-141002-MLR-065*
Sample Date:		*9/30/2014*	*9/30/2014*	*10/1/2014*	*10/1/2014*	*10/1/2014*	*10/1/2014*	*10/1/2014*	*10/1/2014*	*10/1/2014*	*10/1/2014*	*10/1/2014*	*10/2/2014*	*10/2/2014*
Sample Type:		*N*	*N*	*N*	*N*	*FD*	*N*	*FB*	*N*	*N*	*N*	*N*	*N*	*FB*
Sample Depth:		-	-	-	-	-	-	-	-	-	-	-	-	-
VOAs														
1,1,1,2-Tetrachloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1,1-Trichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2,2-Tetrachloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2-Trichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloropropene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2,3-Trichlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2,3-Trichloropropane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2,4-Trichlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2,4-Trimethylbenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromoethane (Ethylene dibromide)	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloropropane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,3,5-Trimethylbenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,3-Dichlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,3-Dichloropropane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,4-Dichlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
2,2-Dichloropropane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Chlorotoluene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
2-Hexanone	ug/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Phenylbutane (sec-Butylbenzene)	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
4-Chlorotoluene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Acetone	ug/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Acrylonitrile	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Allyl chloride	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Benzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromodichloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromoform	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromomethane (Methyl bromide)	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Carbon disulfide	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Carbon tetrachloride	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chlorobromomethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chloroform (Trichloromethane)	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chloromethane (Methyl chloride)	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,2-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,3-Dichloropropene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Cymene (p-Isopropyltoluene)	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Dibromochloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Dibromomethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Dichlorodifluoromethane (CFC-12)	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Dichlorofluoromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Ethyl ether	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Ethylbenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Hexachlorobutadiene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Iodomethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Isopropyl benzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
m&p-Xylenes	ug/L	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	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Methylene chloride	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.54
Naphthalene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
N-Butylbenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
N-Propylbenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U

TABLE 2

VALIDATED ANALYTICAL RESULTS SUMMARY
RESIDENTIAL WELL SAMPLING EVENT
HIGHWAY 96 SITE
WHITE BEAR LAKE, MINNESOTA
SEPTEMBER AND OCTOBER 2014

Sample Location:		*8POPLLN*	*4POPLLN*	*3HERONLN*	*10POPLLN*	*10POPLLN*	*3POPLLN*	*1POPLLN*	*1POPLLN*	*11WSHORE*	*8SKILN*	*4GADWELL*	*6POPLLN*	*1THOMPSNLN*
Sample ID:		*W-140930-MLR-053*	*W-140930-MLR-054*	*W-141001-MLR-055*	*W-141001-MLR-056*	*W-141001-MLR-057*	*W-141001-MLR-058*	*W-141001-MLR-059*	*W-141001-MLR-060*	*W-141001-MLR-061*	*W-141001-MLR-062*	*W-141001-MLR-063*	*W-141002-MLR-064*	*W-141002-MLR-065*
Sample Date:		*9/30/2014*	*9/30/2014*	*10/1/2014*	*10/1/2014*	*10/1/2014*	*10/1/2014*	*10/1/2014*	*10/1/2014*	*10/1/2014*	*10/1/2014*	*10/1/2014*	*10/2/2014*	*10/2/2014*
Sample Type:		*N*	*N*	*N*	*N*	*FD*	*N*	*FB*	*N*	*N*	*N*	*N*	*N*	*FB*
Sample Depth:		-	-	-	-	-	-	-	-	-	-	-	-	-
o-Xylene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Styrene	ug/L	0.50 U	0.50 U	0.50 UJ	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
tert-Butyl alcohol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
tert-Butylbenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Tetrachloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Toluene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,2-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,3-Dichloropropene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,4-Dichloro-2-butene	ug/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Trichloroethene	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Trichlorofluoromethane (CFC-11)	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Trifluorotrichloroethane (Freon 113)	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Trihalomethanes	ug/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Vinyl acetate	ug/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Vinyl chloride	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Xylenes (total)	ug/L	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	1.0 U	1.0 U
Wet														
Chloride	mg/L	34.7	20.8	39.9	15.5	15.4	20.8	21.1	1.4	27.3	17.1	32.4	4.8	21.5

TABLE 2

VALIDATED ANALYTICAL RESULTS SUMMARY
RESIDENTIAL WELL SAMPLING EVENT
HIGHWAY 96 SITE
WHITE BEAR LAKE, MINNESOTA
SEPTEMBER AND OCTOBER 2014

Sample Location:		*1THOMPSNLN*	*44ROBFRD*	*2EAGLERDG*	*2EAGLERDG*	*2EAGLERDG*	*1HUMMBIRD*	*15DUCKPR*	*50EOAK*	*50EOAK*	*8WSHORE*	*Lab*	*Lab*	*Lab*
Sample ID:		*W-141002-MLR-066*	*W-141008-MLR-067*	*W-141008-MLR-068*	*W-141008-MLR-069*	*W-141008-MLR-070*	*1 HUMMING BIRD*	*15 DUCK PASS*	*50 EAST OAKS*	*50 EAST OAKS DUP*	*8 WEST SHORE*	*TRIP BLANK*	*TRIP BLANK*	*TRIP BLANK*
Sample Date:		*10/2/2014*	*10/8/2014*	*10/8/2014*	*10/8/2014*	*10/8/2014*	*10/2/2014*	*10/2/2014*	*10/2/2014*	*10/2/2014*	*10/2/2014*	*9/30/2014*	*10/2/2014*	*10/8/2014*
Sample Type:		*N*	*N*	*FB*	*N*	*FD*	*N*	*N*	*N*	*FD*	*N*	*N*	*N*	*N*
Sample Depth:		-	-	-	-	-	-	-	-	-	-	-	-	-
VOAs														
1,1,1,2-Tetrachloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 UJ	0.50 UJ	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	ND(0.50)	ND(0.50)	ND(0.50)
1,1,1-Trichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	ND(0.50)	ND(0.50)	ND(0.50)
1,1,2,2-Tetrachloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 UJ	0.50 UJ	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	ND(0.50)	ND(0.50)	ND(0.50)
1,1,2-Trichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 UJ	0.50 UJ	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	ND(0.50)	ND(0.50)	ND(0.50)
1,1-Dichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	ND(0.50)	ND(0.50)	ND(0.50)
1,1-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	ND(0.50)	ND(0.50)	ND(0.50)
1,1-Dichloropropene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	ND(0.50)	ND(0.50)	ND(0.50)
1,2,3-Trichlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 UJ	0.50 UJ	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	ND(0.50)	ND(0.50)	ND(0.50)
1,2,3-Trichloropropane	ug/L	0.50 U	0.50 U	0.50 U	0.50 UJ	0.50 UJ	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	ND(0.50)	ND(0.50)	ND(0.50)
1,2,4-Trichlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 UJ	0.50 UJ	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	ND(0.50)	ND(0.50)	ND(0.50)
1,2,4-Trimethylbenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 UJ	0.50 UJ	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	ND(0.50)	ND(0.50)	ND(0.50)
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	0.50 U	0.50 U	0.50 U	0.50 UJ	0.50 UJ	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	ND(0.50)	ND(0.50)	ND(0.50)
1,2-Dibromoethane (Ethylene dibromide)	ug/L	0.50 U	0.50 U	0.50 U	0.50 UJ	0.50 UJ	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	ND(0.50)	ND(0.50)	ND(0.50)
1,2-Dichlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	ND(0.50)	ND(0.50)	ND(0.50)
1,2-Dichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 UJ	0.50 UJ	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	ND(0.50)	ND(0.50)	ND(0.50)
1,2-Dichloropropane	ug/L	0.50 U	0.50 U	0.50 U	0.50 UJ	0.50 UJ	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	ND(0.50)	ND(0.50)	ND(0.50)
1,3,5-Trimethylbenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	ND(0.50)	ND(0.50)	ND(0.50)
1,3-Dichlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	ND(0.50)	ND(0.50)	ND(0.50)
1,3-Dichloropropane	ug/L	0.50 U	0.50 U	0.50 U	0.50 UJ	0.50 UJ	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	ND(0.50)	ND(0.50)	ND(0.50)
1,4-Dichlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	ND(0.50)	ND(0.50)	ND(0.50)
2,2-Dichloropropane	ug/L	0.50 U	0.50 U	0.50 U	0.50 UJ	0.50 UJ	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	ND(0.50)	ND(0.50)	ND(0.50)
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	2.5 U	2.5 U	2.5 U	2.5 UJ	2.5 UJ	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	ND(2.5)	ND(2.5)	ND(2.5)
2-Chlorotoluene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	ND(0.50)	ND(0.50)	ND(0.50)
2-Hexanone	ug/L	2.5 U	2.5 U	2.5 U	2.5 UJ	2.5 UJ	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	ND(2.5)	ND(2.5)	ND(2.5)
2-Phenylbutane (sec-Butylbenzene)	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	ND(0.50)	ND(0.50)	ND(0.50)
4-Chlorotoluene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	ND(0.50)	ND(0.50)	ND(0.50)
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/L	2.5 U	2.5 U	2.5 U	2.5 UJ	2.5 UJ	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	ND(2.5)	ND(2.5)	ND(2.5)
Acetone	ug/L	2.5 U	2.5 U	2.5 U	2.5 UJ	2.5 UJ	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	ND(2.5)	ND(2.5)	ND(2.5)
Acrylonitrile	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	ND(10)	ND(10)	ND(10)
Allyl chloride	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	ND(0.50)	ND(0.50)	ND(0.50)
Benzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	ND(0.50)	ND(0.50)	ND(0.50)
Bromobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	ND(0.50)	ND(0.50)	ND(0.50)
Bromodichloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 UJ	0.50 UJ	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	ND(0.50)	ND(0.50)	ND(0.50)
Bromoform	ug/L	0.50 U	0.50 U	0.50 U	0.50 UJ	0.50 UJ	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	ND(0.50)	ND(0.50)	ND(0.50)
Bromomethane (Methyl bromide)	ug/L	0.50 U	0.50 U	0.50 U	0.50 UJ	0.50 UJ	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	ND(0.50)	ND(0.50)	ND(0.50)
Carbon disulfide	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	ND(0.50)	ND(0.50)	ND(0.50)
Carbon tetrachloride	ug/L	0.50 U	0.50 U	0.50 U	0.50 UJ	0.50 UJ	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	ND(0.50)	ND(0.50)	ND(0.50)
Chlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	ND(0.50)	ND(0.50)	ND(0.50)
Chlorobromomethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 UJ	0.50 UJ	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	ND(0.50)	ND(0.50)	ND(0.50)
Chloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 UJ	0.50 UJ	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	ND(0.50)	ND(0.50)	ND(0.50)
Chloroform (Trichloromethane)	ug/L	0.50 U	0.50 U	0.50 U	0.50 UJ	0.50 UJ	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	ND(0.50)	ND(0.50)	ND(0.50)
Chloromethane (Methyl chloride)	ug/L	0.50 U	0.50 U	0.50 U	0.50 UJ	0.50 UJ	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	ND(0.50)	ND(0.50)	ND(0.50)
cis-1,2-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 UJ	0.50 UJ	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	ND(0.50)	ND(0.50)	ND(0.50)
cis-1,3-Dichloropropene	ug/L	0.50 U	0.50 U	0.50 U	0.50 UJ	0.50 UJ	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	ND(0.50)	ND(0.50)	ND(0.50)
Cymene (p-Isopropyltoluene)	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	ND(0.50)	ND(0.50)	ND(0.50)
Dibromochloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 UJ	0.50 UJ	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	ND(0.50)	ND(0.50)	ND(0.50)
Dibromomethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 UJ	0.50 UJ	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	ND(0.50)	ND(0.50)	ND(0.50)
Dichlorodifluoromethane (CFC-12)	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	ND(0.50)	ND(0.50)	ND(0.50)
Dichlorofluoromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	ND(0.50)	ND(0.50)	ND(0.50)
Ethyl ether	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	ND(0.50)	ND(0.50)	ND(0.50)
Ethylbenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	ND(0.50)	ND(0.50)	ND(0.50)
Hexachlorobutadiene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	ND(0.50)	ND(0.50)	ND(0.50)
Iodomethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	ND(0.50)	ND(0.50)	ND(0.50)
Isopropyl benzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	ND(0.50)	ND(0.50)	ND(0.50)
m&p-Xylenes	ug/L	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	ND(1.0)	ND(1.0)	ND(1.0)
Methyl tert butyl ether (MTBE)	ug/L	0.50 U	0.50 U	0.50 U	0.50 UJ	0.50 UJ	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	ND(0.50)	ND(0.50)	ND(0.50)
Methylene chloride	ug/L	0.50 U	0.50 U	0.50 U	0.50 UJ	0.50 UJ	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	ND(0.50)	ND(0.50)	ND(0.50)
Naphthalene	ug/L	0.50 U	0.50 U	0.50 U	0.50 UJ	0.50 UJ	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	ND(0.50)	ND(0.50)	ND(0.50)
N-Butylbenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	ND(0.50)	ND(0.50)	ND(0.50)
N-Propylbenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	ND(0.50)	ND(0.50)	ND(0.50)

TABLE 2

VALIDATED ANALYTICAL RESULTS SUMMARY
RESIDENTIAL WELL SAMPLING EVENT
HIGHWAY 96 SITE
WHITE BEAR LAKE, MINNESOTA
SEPTEMBER AND OCTOBER 2014

Sample Location:		*1THOMPSNLN*	*44ROBFRD*	*2EAGLERDG*	*2EAGLERDG*	*2EAGLERDG*	*1HUMMBIRD*	*15DUCKPR*	*50EOAK*	*50EOAK*	*8WSHORE*	*Lab*	*Lab*	*Lab*
Sample ID:		*W-141002-MLR-066*	*W-141008-MLR-067*	*W-141008-MLR-068*	*W-141008-MLR-069*	*W-141008-MLR-070*	*1 HUMMING BIRD*	*15 DUCK PASS*	*50 EAST OAKS*	*50 EAST OAKS DUP*	*8 WEST SHORE*	*TRIP BLANK*	*TRIP BLANK*	*TRIP BLANK*
Sample Date:		*10/2/2014*	*10/8/2014*	*10/8/2014*	*10/8/2014*	*10/8/2014*	*10/2/2014*	*10/2/2014*	*10/2/2014*	*10/2/2014*	*10/2/2014*	*9/30/2014*	*10/2/2014*	*10/8/2014*
Sample Type:		*N*	*N*	*FB*	*N*	*FD*	*N*	*N*	*N*	*FD*	*N*	*N*	*N*	*N*
Sample Depth:		-	-	-	-	-	-	-	-	-	-	-	-	-
o-Xylene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	ND(0.50)	ND(0.50)	ND(0.50)
Styrene	ug/L	0.50 U	0.50 U	0.50 U	0.50 UJ	0.50 UJ	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	ND(0.50)	ND(0.50)	ND(0.50)
tert-Butyl alcohol	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	ND(10)	ND(10)	ND(10)
tert-Butylbenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	ND(0.50)	ND(0.50)	ND(0.50)
Tetrachloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	ND(0.50)	ND(0.50)	ND(0.50)
Toluene	ug/L	0.50 U	1.1	0.50 U	0.50 UJ	0.50 UJ	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	ND(0.50)	ND(0.50)	ND(0.50)
trans-1,2-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	ND(0.50)	ND(0.50)	ND(0.50)
trans-1,3-Dichloropropene	ug/L	0.50 U	0.50 U	0.50 U	0.50 UJ	0.50 UJ	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	ND(0.50)	ND(0.50)	ND(0.50)
trans-1,4-Dichloro-2-butene	ug/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	ND(2.5)	ND(2.5)	ND(2.5)
Trichloroethene	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	ND(0.20)	ND(0.20)	ND(0.20)
Trichlorofluoromethane (CFC-11)	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	ND(0.50)	ND(0.50)	ND(0.50)
Trifluorotrichloroethane (Freon 113)	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	ND(0.50)	ND(0.50)	ND(0.50)
Trihalomethanes	ug/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	ND(2.0)	ND(2.0)	ND(2.0)
Vinyl acetate	ug/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	ND(2.5)	ND(2.5)	ND(2.5)
Vinyl chloride	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	ND(0.20)	ND(0.20)	ND(0.20)
Xylenes (total)	ug/L	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	ND(1.0)	ND(1.0)	ND(1.0)
Wet														
Chloride	mg/L	27.9	52.5	46.3	29.9	29.9	23.9	21.7	31.0	31.2	12.3	--	--	--

Notes:

U - Not detected at the associated reporting limit
UJ - Estimated reporting limit
J - Estimated concentration

TABLE 3

ANALYTICAL METHODS AND HOLDING TIME CRITERIA
RESIDENTIAL WELL SAMPLING EVENT
HIGHWAY 96 SITE
WHITE BEAR LAKE, MINNESOTA
SEPTEMBER AND OCTOBER 2014

				Holding Time	
Parameter	***Method***	***Matrix***	***Preservation***	***Collection to Extraction (Days)***	***Collection or Extraction to Analysis (Days)***
VOC	EPA 524.2	Water	HCl pH < 2 and Iced, 4 ± 2° C	-	14
Chloride	EPA 300.0	Water	Iced, 4 ± 2° C	-	28

Notes:

EPA 524.2 - "Methods for the Determination of Organic Compounds in Drinking Water", EPA/600/4-88/039, December 1988 and its supplements.
EPA 300.0 - "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

TABLE 4

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS
RESIDENTIAL WELL SAMPLING EVENT
HIGHWAY 96 SITE
WHITE BEAR LAKE, MINNESOTA
SEPTEMBER AND OCTOBER 2014

Parameter	*Sample ID*	*Analyte*	*MS % Recovery*	*MSD % Recovery*	*RPD (percent)*	*Control Limits % Recovery*	*Control Limits RPD*	*Qualified Result*	*Units*
Chloride	W-140929-MLR-009	Chloride	119	119	0	90 - 110	20	23.9 J	mg/L
	W-140929-MLR-001	Chloride						33.2 J	mg/L
	W-140929-MLR-002	Chloride						34.9 J	mg/L
	W-140929-MLR-003	Chloride						43.9 J	mg/L
	W-140929-MLR-004	Chloride						46.4 J	mg/L
	W-140929-MLR-005	Chloride						23.2 J	mg/L
	W-140929-MLR-006	Chloride						23.0 J	mg/L
	W-140929-MLR-007	Chloride						28.7 J	mg/L
	W-140929-MLR-008	Chloride						70.8 J	mg/L
	W-140929-MLR-010	Chloride						27.7 J	mg/L
	W-140929-MLR-011	Chloride						32.8 J	mg/L
	W-140929-MLR-012	Chloride						31.8 J	mg/L
	W-140929-MLR-013	Chloride						24.2 J	mg/L
	W-140929-MLR-014	Chloride						1.2 J	mg/L
	W-140929-MLR-015	Chloride						11.7 J	mg/L
	W-140929-MLR-016	Chloride						11.7 J	mg/L
	W-140929-MLR-017	Chloride						40.1 J	mg/L
VOC	W-140929-MLR-002	Bromoform	62	69	11	70 - 130	20	0.50 UJ	µg/L
		Styrene	60	59	1	70 - 130	20	0.50 UJ	µg/L
VOC	W-141001-MLR-055	Styrene	66	59	11	70 - 130	20	0.50 UJ	µg/L
VOC	W-141008-MLR-069	Styrene	35	33	7	70 - 130	20	0.50 UJ	µg/L
		cis-1,3-Dichloropropene	36	38	5	70 - 130	20	0.50 UJ	µg/L
		trans-1,3-Dichloropropene	23	27	13	70 - 130	20	0.50 UJ	µg/L
		1,2-Dibromoethane (Ethylene dibromide)	49	50	1	70 - 130	20	0.50 UJ	µg/L
		1,2-Dichloroethane	46	47	3	70 - 130	20	0.50 UJ	µg/L
		4-Methyl-2-pentanone (MIBK)	30	30	0	70 - 130	20	2.5 UJ	µg/L
		Toluene	66	68	3	70 - 130	20	0.50 UJ	µg/L
		1,2,4-Trichlorobenzene	59	60	1	70 - 130	20	0.50 UJ	µg/L
		Dibromochloromethane	48	53	10	70 - 130	20	0.50 UJ	µg/L
		1,3-Dichloropropane	53	54	1	70 - 130	20	0.50 UJ	µg/L
		cis-1,2-Dichloroethene	70	68	2	70 - 130	20	0.50 UJ	µg/L
		Methyl tert butyl ether (MTBE)	44	43	2	70 - 130	20	0.50 UJ	µg/L
		Carbon tetrachloride	68	73	2	70 - 130	20	0.50 UJ	µg/L
		2-Hexanone	36	37	3	70 - 130	20	2.5 UJ	µg/L
		2,2-Dichloropropane	55	56	1	70 - 130	20	0.50 UJ	µg/L

TABLE 4

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS
RESIDENTIAL WELL SAMPLING EVENT
HIGHWAY 96 SITE
WHITE BEAR LAKE, MINNESOTA
SEPTEMBER AND OCTOBER 2014

Parameter	*Sample ID*	*Analyte*	*MS % Recovery*	*MSD % Recovery*	*RPD (percent)*	*Control Limits % Recovery*	*Control Limits RPD*	*Qualified Result*	*Units*
		1,1,1,2-Tetrachloroethane	66	69	5	70 - 130	20	0.50 UJ	µg/L
		Acetone	28	32	14	70 - 130	20	2.5 UJ	µg/L
		Chloroform (Trichloromethane)	66	66	1	70 - 130	20	0.50 UJ	µg/L
		Bromomethane (Methyl bromide)	14	20	31	70 - 130	20	0.50 UJ	µg/L
		Chloromethane (Methyl chloride)	53	66	21	70 - 130	20	0.50 UJ	µg/L
		Dibromomethane	40	40	2	70 - 130	20	0.50 UJ	µg/L
		Chlorobromomethane	47	47	1	70 - 130	20	0.50 UJ	µg/L
		Chloroethane	69	89	2	70 - 130	20	0.50 UJ	µg/L
		Methylene chloride	52	51	15	70 - 130	20	0.50 UJ	µg/L
		Bromoform	29	34	7	70 - 130	20	0.50 UJ	µg/L
		Bromodichloromethane	50	54	5	70 - 130	20	0.50 UJ	µg/L
		1,2-Dichloropropane	65	68	10	70 - 130	20	0.50 UJ	µg/L
		2-Butanone (MEK)	37	33	3	70 - 130	20	2.5 UJ	µg/L
		1,1,2-Trichloroethane	41	42	4	70 - 130	20	0.50 UJ	µg/L
		1,1,2,2-Tetrachloroethane	50	48	5	70 - 130	20	0.50 UJ	µg/L
		1,2,3-Trichlorobenzene	46	49	8	70 - 130	20	0.50 UJ	µg/L
		Naphthalene	33	36	10	70 - 130	20	0.50 UJ	µg/L
		1,2,4-Trimethylbenzene	73	66	10	70 - 130	20	0.50 UJ	µg/L
		1,2-Dibromo-3-chloropropane (DBCP)	37	39	7	70 - 130	20	0.50 UJ	µg/L
		1,2,3-Trichloropropane	55	49	10	70 - 130	20	0.50 UJ	µg/L

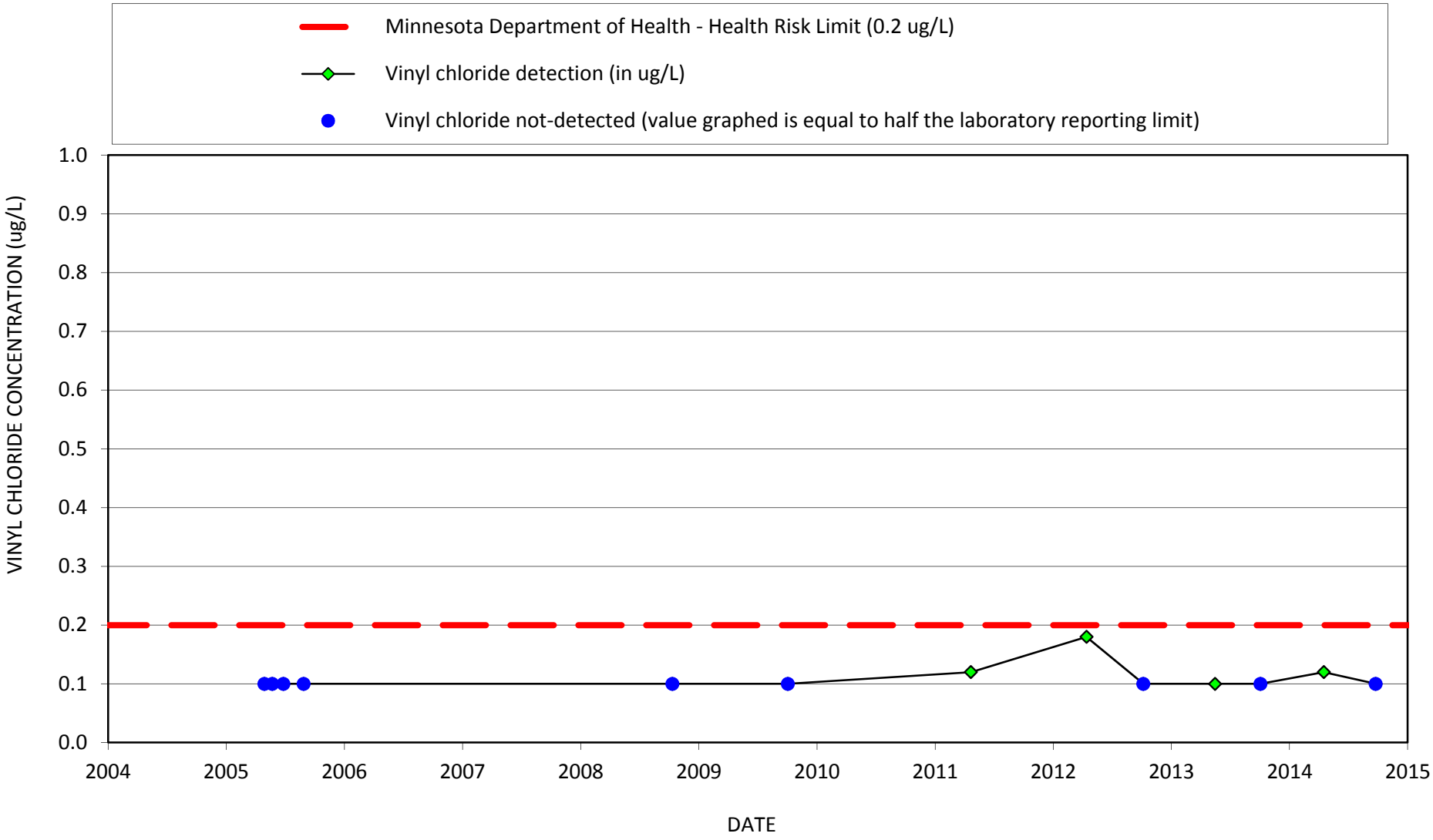
Notes:

MS - Matrix spike
MSD - Matrix spike duplicate
RPD - Relative percent difference
UJ - Not detected; associated reporting limit is estimated
J - Estimated concentration

Attachment C

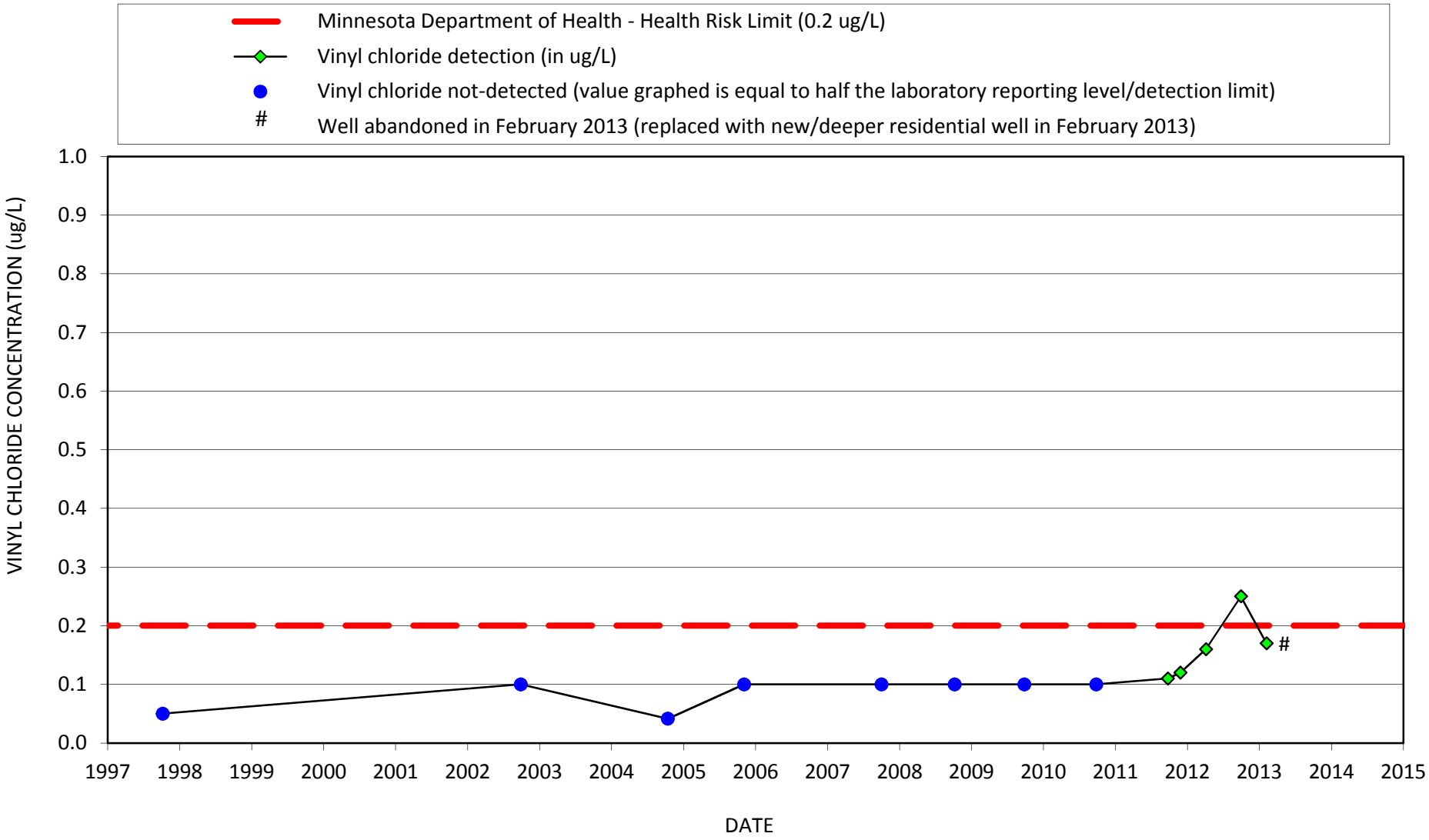
Updated Vinyl Chloride Graphs

VINYL CHLORIDE CONCENTRATIONS
50 EAST OAKS ROAD
NORTH OAKS, MINNESOTA



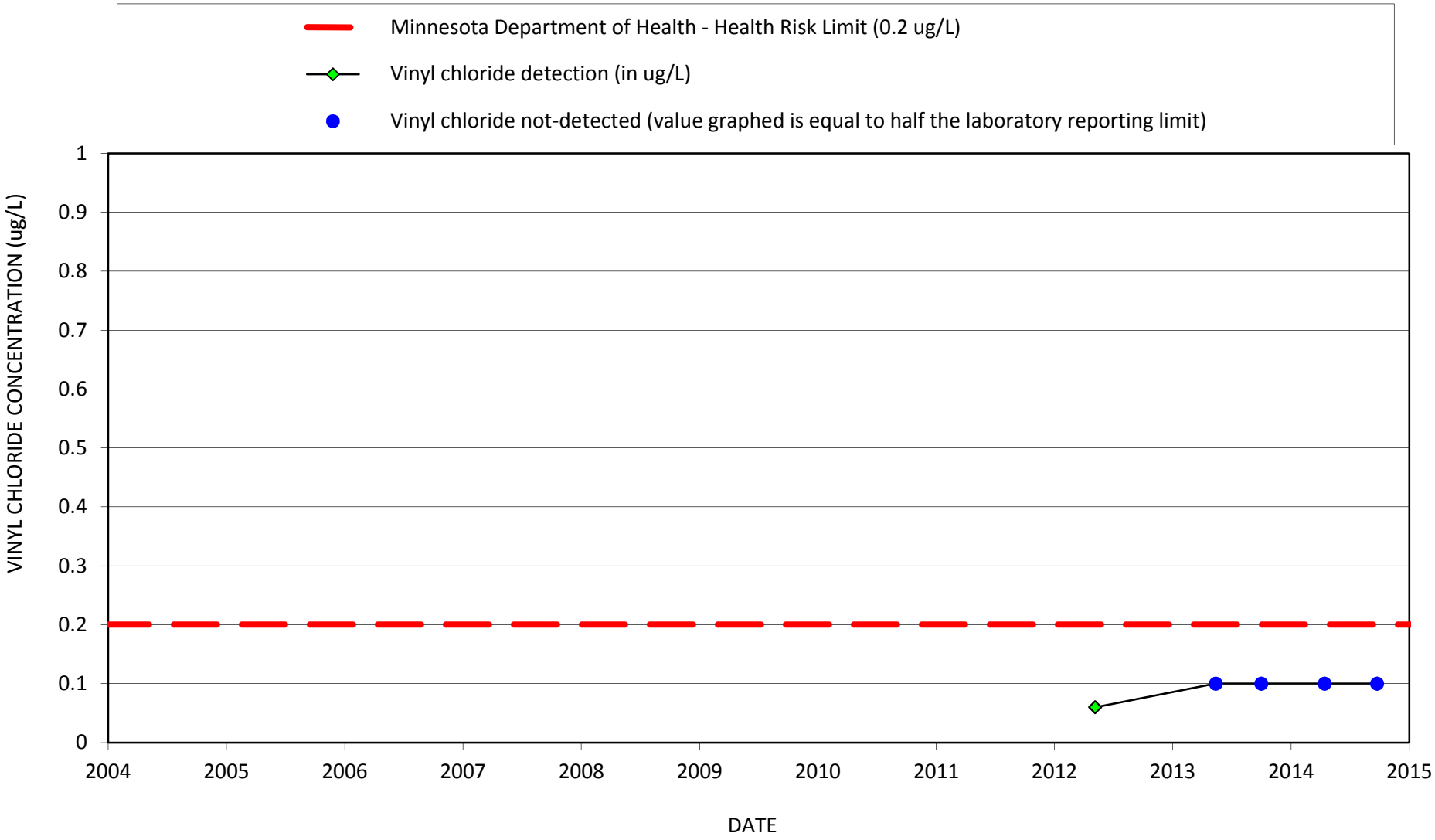
CRA 002012Campbell71-ATTC VC Graphs

VINYL CHLORIDE CONCENTRATIONS
2 HERON LANE (OLD WELL)
NORTH OAKS, MINNESOTA



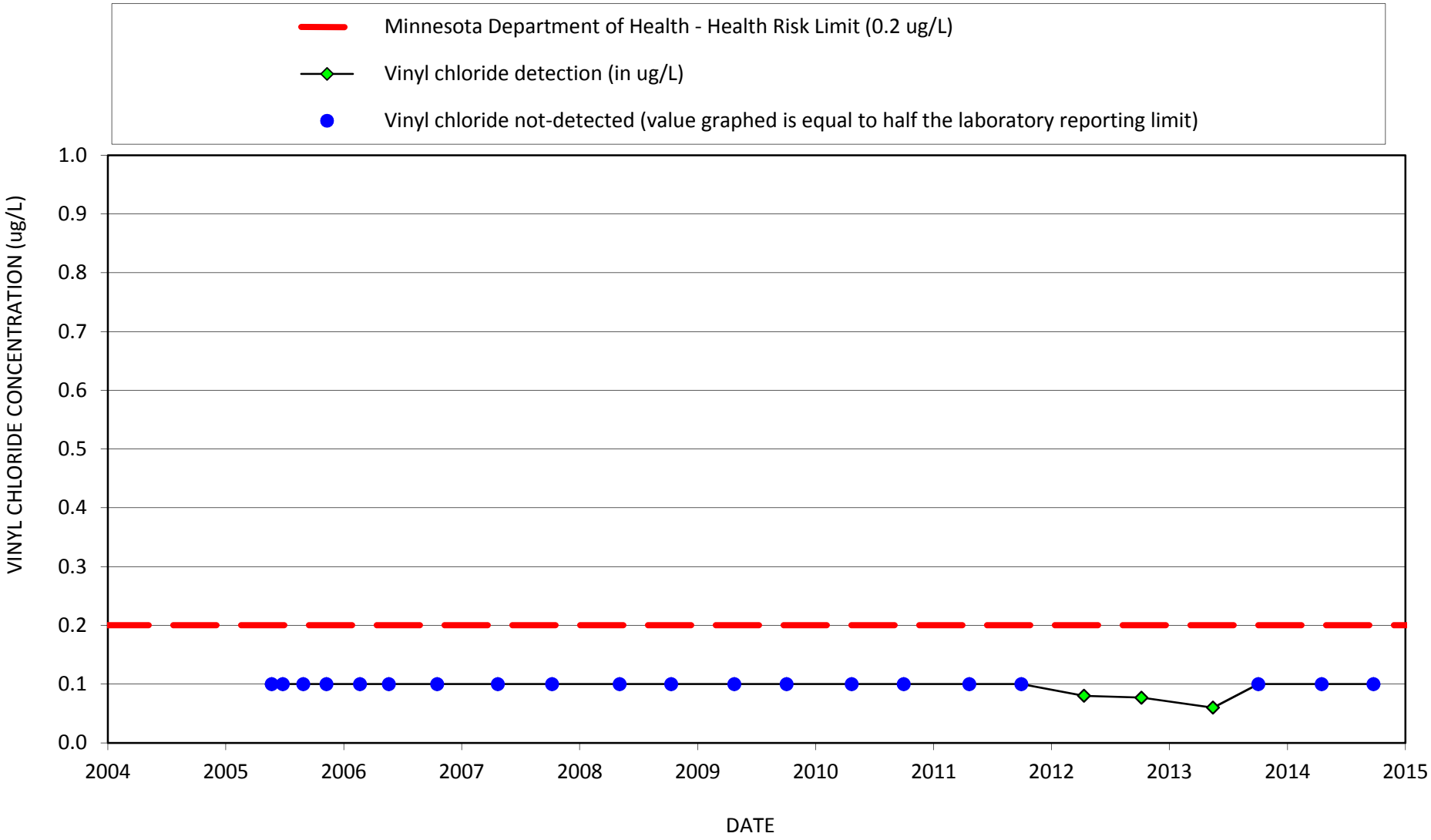
CRA 002012Campbell71-ATTC VC Graphs

VINYL CHLORIDE CONCENTRATIONS
3 HERON LANE
NORTH OAKS, MINNESOTA



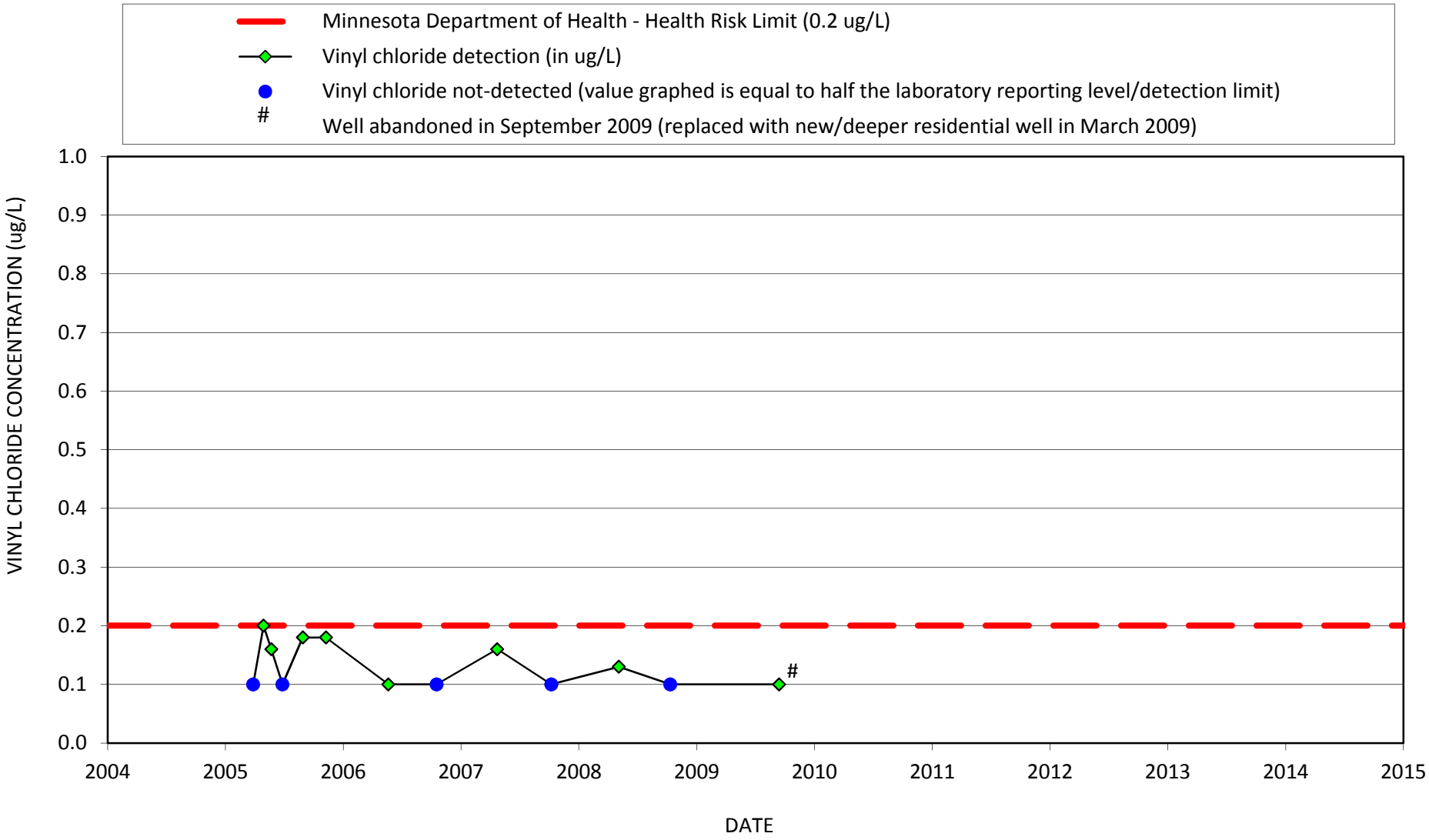
CRA 002012Campbell71-ATTC VC Graphs

VINYL CHLORIDE CONCENTRATIONS
1 HUMMINGBIRD HILL
NORTH OAKS, MINNESOTA



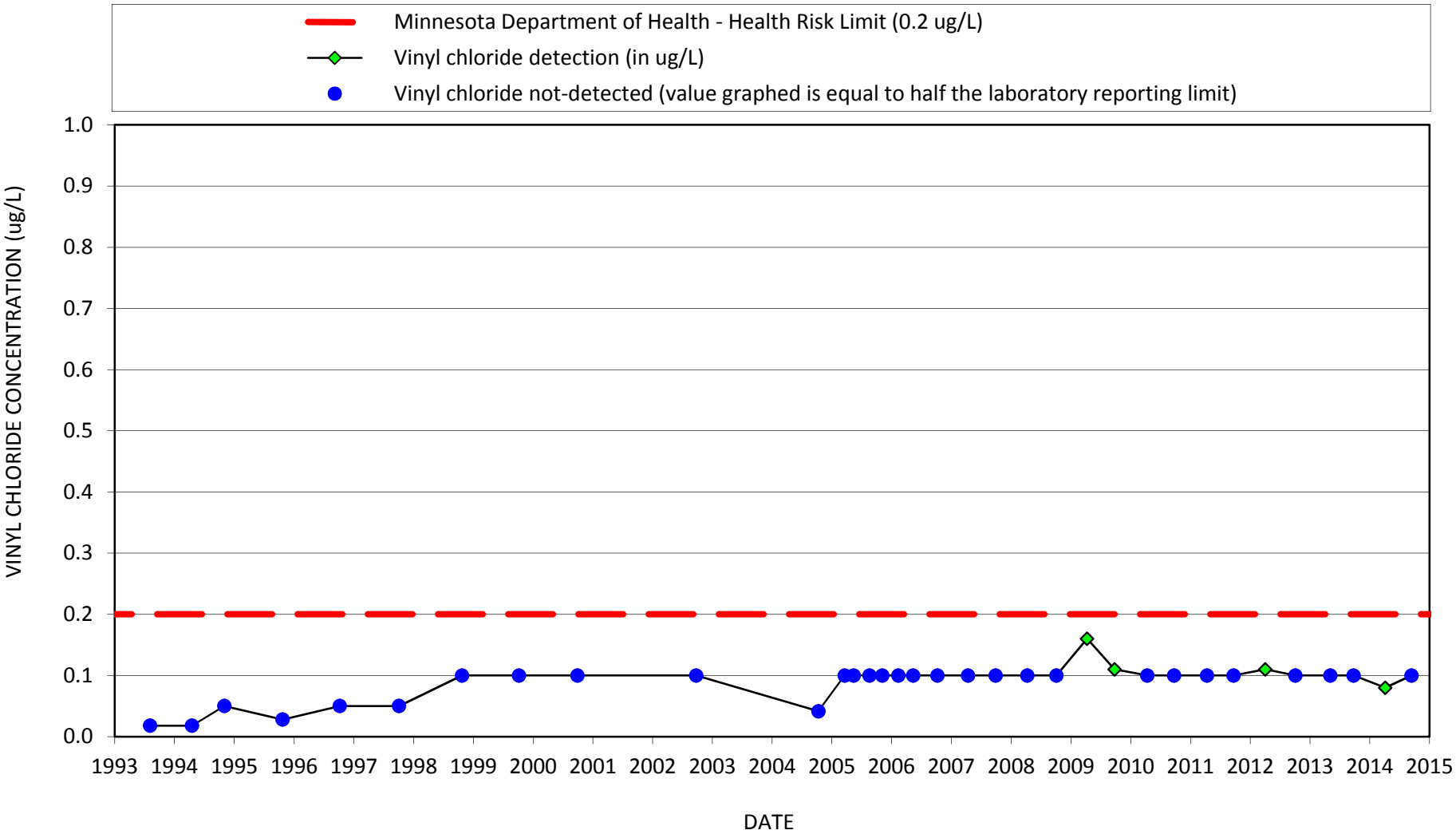
CRA 002012Campbell71-ATTC VC Graphs

VINYL CHLORIDE CONCENTRATIONS
2 HUMMINGBIRD HILL (OLD WELL)
NORTH OAKS, MINNESOTA



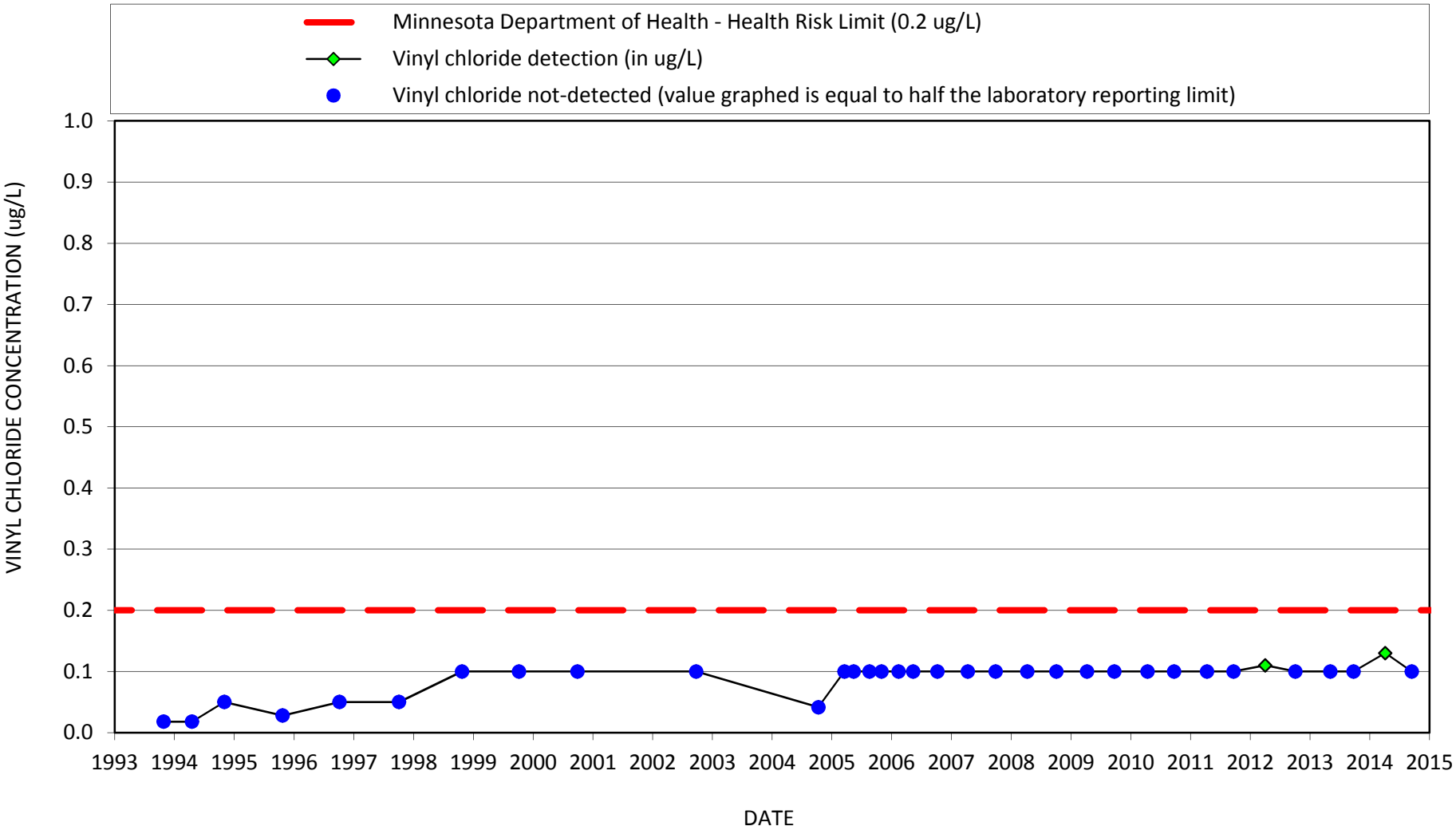
CRA 002012Campbell71-ATTC VC Graphs

VINYL CHLORIDE CONCENTRATIONS
10 WEST SHORE ROAD
NORTH OAKS, MINNESOTA



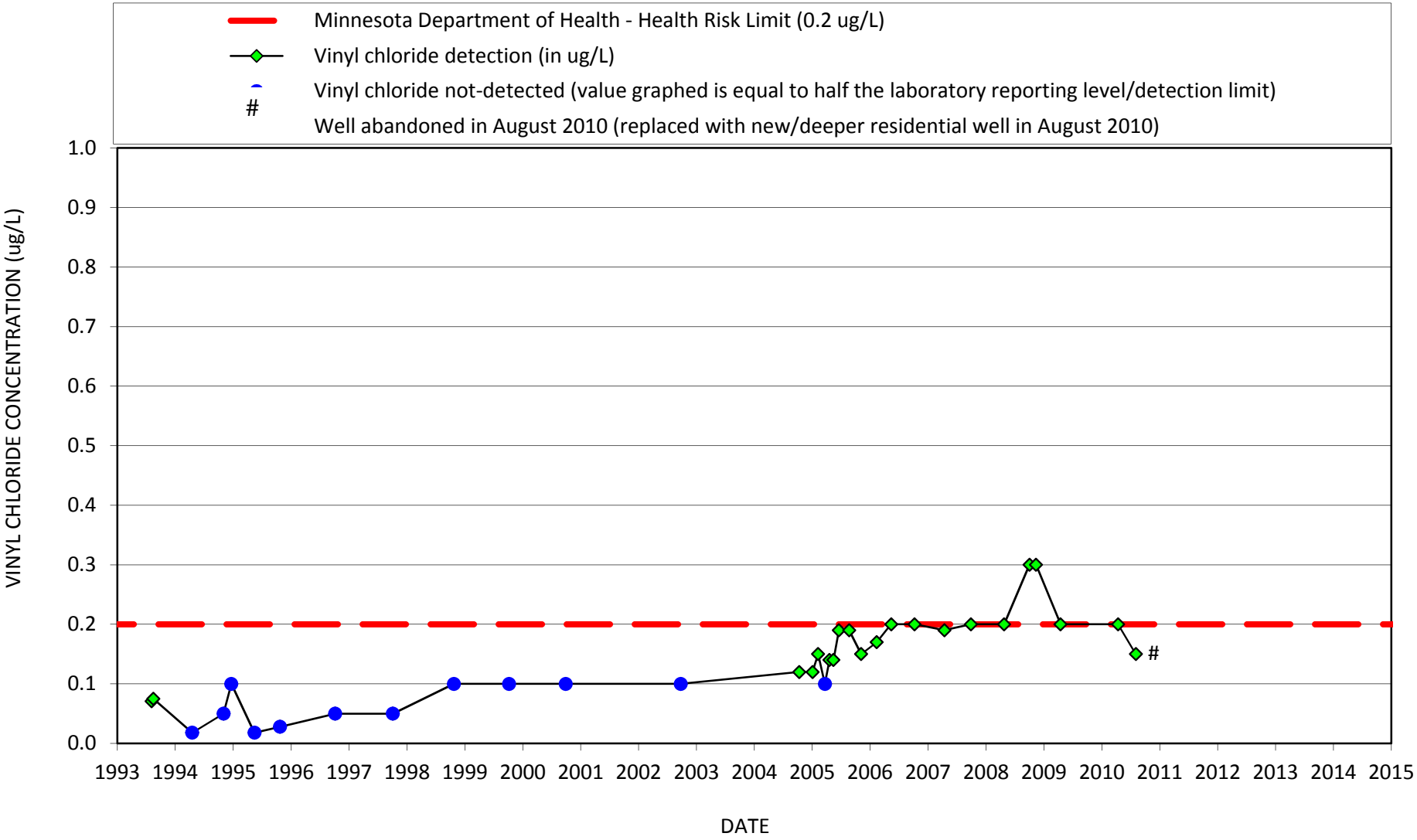
CRA 002012Campbell71-ATTC VC Graphs

VINYL CHLORIDE CONCENTRATIONS
11 WEST SHORE ROAD
NORTH OAKS, MINNESOTA



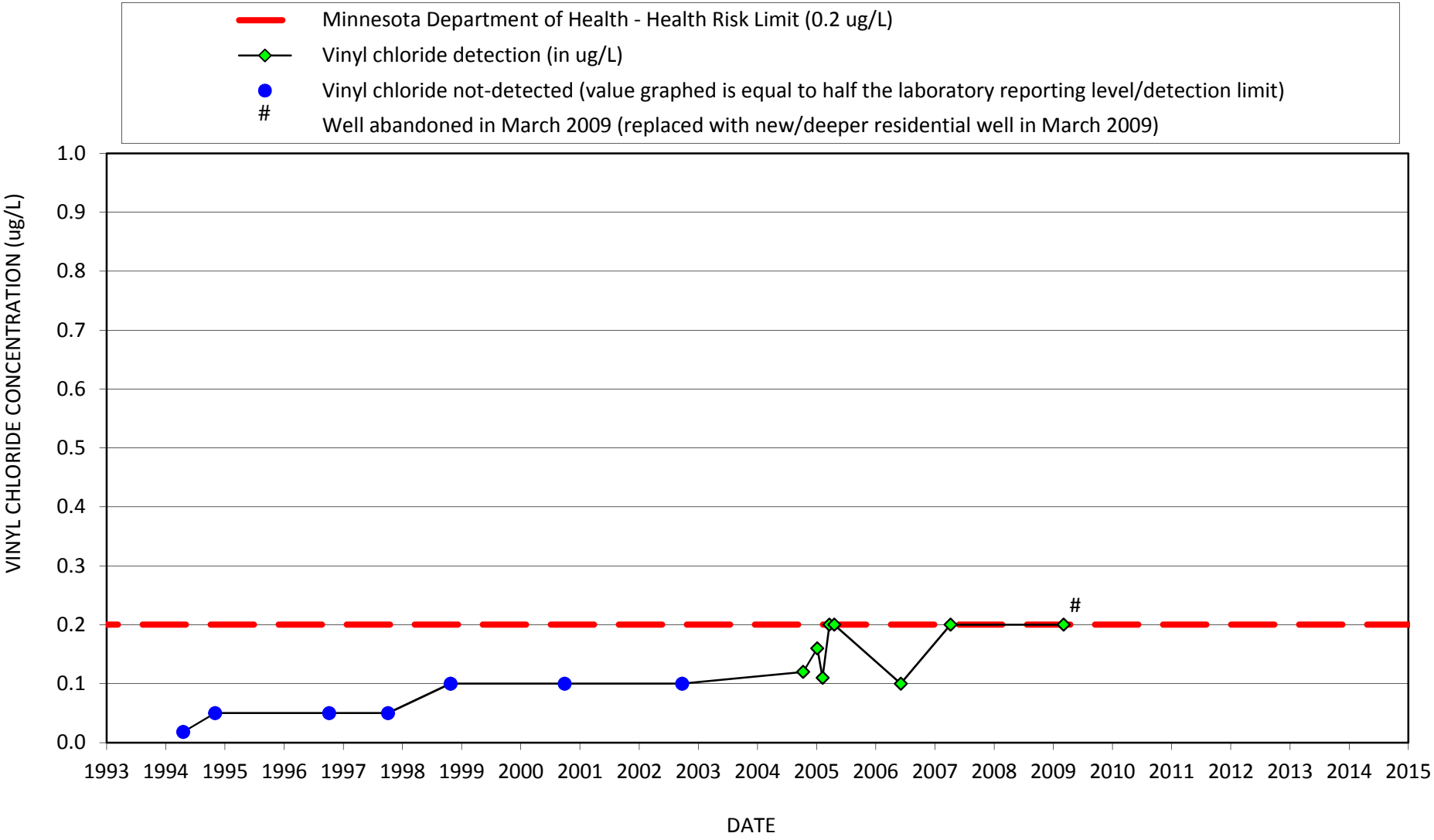
CRA 002012Campbell71-ATTC VC Graphs

VINYL CHLORIDE CONCENTRATIONS
12 WEST SHORE ROAD (OLD WELL)
NORTH OAKS, MINNESOTA



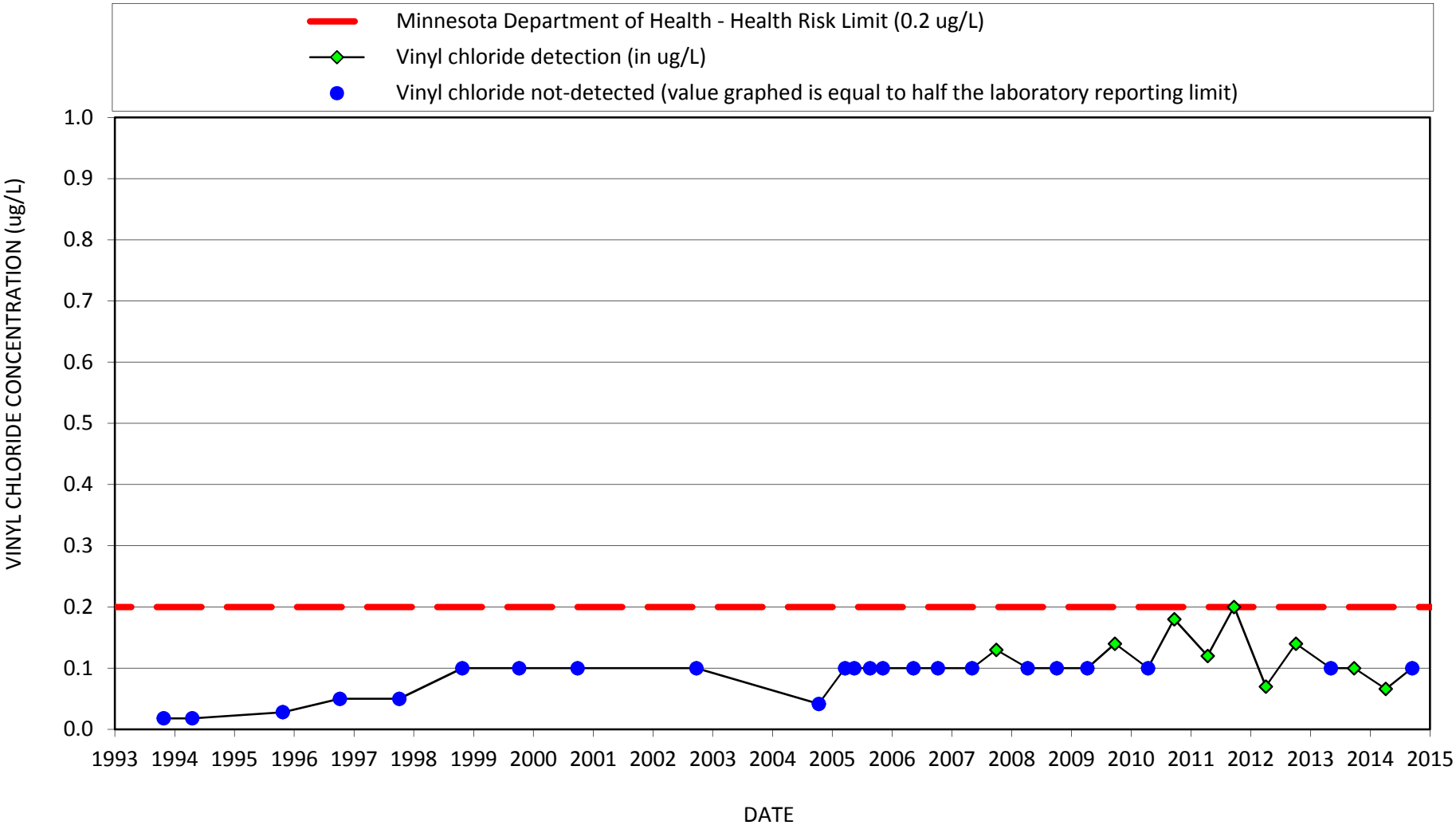
CRA 002012Campbell71-ATTC VC Graphs

VINYL CHLORIDE CONCENTRATIONS
13 WEST SHORE ROAD (OLD WELL)
NORTH OAKS, MINNESOTA



CRA 002012Campbell71-ATTC VC Graphs

VINYL CHLORIDE CONCENTRATIONS
15 WEST SHORE ROAD
NORTH OAKS, MINNESOTA



CRA 002012Campbell71-ATTC VC Graphs