



**CONESTOGA-ROVERS
& ASSOCIATES**

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June 2, 2008

Reference No. 012559

Ms. Laura C. Price
Voluntary Cleanup Unit/Remedial Section
Bureau of Environmental Remediation
Kansas Department of Health & Environment
1000 SW Jackson Street, Suite 410
Topeka, Kansas 66612-1367

Dear Ms. Price:

Re: Groundwater Monitoring Results (First Quarter 2008)
Former General Motors Fairfax I Plant Site
Kansas City, Kansas

1.0 INTRODUCTION

1.1 GENERAL

This monitoring report provides a summary of the groundwater monitoring program implemented by General Motors (GM) at the Former General Motors Fairfax I Plant (Site) in Kansas City, Kansas during the first quarter of 2008. This represents the 3rd event of the comprehensive groundwater sampling requested by the Kansas Department of Health and Environment (KDHE).

GM entered the former Fairfax I Site into the Voluntary Cleanup and Property Redevelopment Program (VCPRP) in March 14, 2001. Conestoga-Rovers & Associates (CRA) has performed numerous studies at the Site.

Field activities were performed in accordance with the scope of work and procedures outlined in the documents approved by KDHE and titled "Groundwater Monitoring Plan (Revised)" (CRA, July 2007) and "Pre-Design Investigations Work Plan" (CRA, August 2001).

1.2 SITE LOCATION AND DESCRIPTION

The Site is located at 100 Kindelberger Road, Kansas City, Kansas and is located in the floodplain of the Missouri River. Refer to Figure 1.1 for the Site location. The Fairfax I Plant Site is vacant as operations ceased in 1986/87 and the facility was demolished in 1987. A number of monitoring wells, however, remain on the Site. Figure 1.2 presents the Site layout and the approximate locations of known existing monitoring wells. Table 1.1 presents well construction details for the wells in the monitoring well network.



June 2, 2008

2

Reference No. 012559

2.0 SCOPE OF WORK

As outlined in the 2007 Groundwater Monitoring Plan (Revised), the field activities conducted during the week of March 10, 2008 consisted of the following tasks:

- Collection of depth to water measurements at the 32 wells in the monitoring well network;
- Collection of groundwater samples from 32 wells in the monitoring well network; and
- Analysis of groundwater samples for target compound list volatile organic compounds (TCL VOCs) and total petroleum hydrocarbon as gasoline range organics (TPH-GRO).

3.0 FIELD ACTIVITIES

Field activities completed during this period consisted of a quarterly groundwater sampling event.

3.1 HYDRAULIC MONITORING

Depth to water measurements were collected at the Site on March 10, 2008. Water levels were measured to the nearest 0.01 feet using an electronic water level indicator.

3.2 QUARTERLY GROUNDWATER SAMPLING AND ANALYSIS

Groundwater sampling was conducted from March 10 to 13, 2008. Groundwater samples were collected from the 32 wells in the monitoring well network. Field parameters were measured during monitoring well purging and recorded in the field logbook. Purging parameters are summarized in Table 3.1. Monitoring wells were purged using a submersible pump with dedicated tubing and using low-flow minimal drawdown techniques except at monitoring well MW-103A. Due to the presence of a strong odor at the well and the previous presence of light non-aqueous phase liquid (LNAPL) in the well, well MW-103A was purged of three well volumes of water (approximately 7 gallons) and sampled using a disposable bailer; no field parameters were measured. Groundwater samples were analyzed for TCL VOCs and TPH-GRO.

Groundwater samples were packed in a cooler with ice and shipped by overnight courier under chain-of-custody protocols to TestAmerica Laboratories, Inc. (TestAmerica) of North Canton, Ohio.



June 2, 2008

3

Reference No. 012559

4.0 SUMMARY OF GROUNDWATER MONITORING RESULTS

The following discussion relates to the quarterly groundwater sampling event only and does not reference past groundwater sampling events.

4.1 HYDRAULIC MONITORING

A summary of groundwater elevations is presented in Table 4.1. Figure 4.1 presents groundwater contours for the shallow depth monitoring wells, and Figure 4.2 presents groundwater contours for the intermediate depth monitoring wells.

4.2 QUALITY ASSURANCE/QUALITY CONTROL

An analytical data quality assessment and validation of the analytical results obtained by TestAmerica for the samples collected was conducted by CRA's quality assurance officer. The evaluation of the analytical data was based on a review of the information provided by TestAmerica, including laboratory blank data, as well as recovery data from matrix spike samples, surrogate compounds, and laboratory control samples. The analytical data were assessed for accuracy and precision based on the provided quality assurance data. Based on the results of the data quality assessment and validation, the analytical data are valid and suitable for quantitative purposes with the qualifications noted. The analytical data quality assessment and validation memorandum is provided in Attachment A.

4.3 ANALYTICAL RESULTS

A summary of detected analytical data for the current quarter is provided in Table 4.2. A summary of historical VOC detected analytical data for samples collected by CRA is provided in Attachment B (see Table B.1). The tables provide a comparison of the analytical data to both the residential and non-residential KDHE groundwater standards. The discussion of results, however, is limited to only those exceedences for the non-residential scenario. The property associated with the Fairfax I Site is now, and is expected to be in the future, industrially and commercially zoned. Consequently, the residential standards are provided for information purposes only.

Figure 1.2 provides monitoring well locations. Laboratory analytical results are provided in Attachment C.

During the sampling event, 4-methyl-2-pentanone, ethylbenzene, toluene, xylenes, and TPH-GRO were detected in the groundwater samples collected from MW-103A (sample and duplicate sample) at concentrations above the KDHE standards, and carbon disulfide was detected (sample only) at an estimated concentration above the KDHE standard. Vinyl chloride and cis-1,2-dichloroethene (cis-1,2-DCE) were detected in the groundwater samples collected



**CONESTOGA-ROVERS
& ASSOCIATES**

June 2, 2008

4

Reference No. 012559

from MW-111 (sample and duplicate sample) at concentrations slightly above the KDHE criteria. No VOCs were detected above the KDHE standards in the groundwater samples collected from MW-110 (sample and duplicate sample).

Results are consistent with previous sampling events. Exceedences of the KDHE groundwater standards were observed at two monitoring wells. Exceedences were observed at one location on the Site property where GM is currently planning and designing remedial actions (e.g., the MW-103A area).¹ The remaining exceedences (vinyl chloride and cis-1,2-DCE) were detected at monitoring well MW-111.

Should you have any questions on the above, please do not hesitate to contact us.

Yours truly,

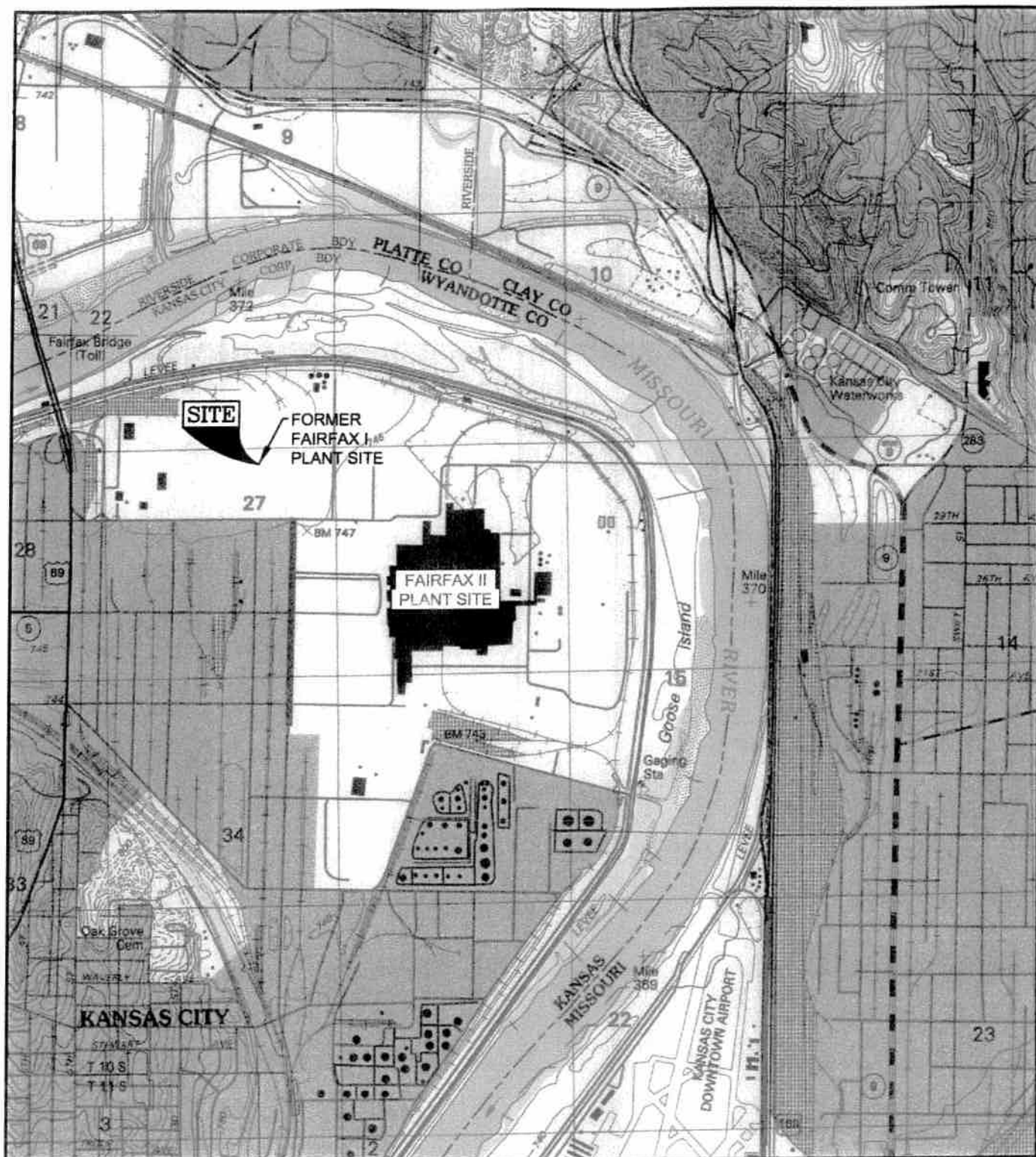
CONESTOGA-ROVERS & ASSOCIATES

Phil Harvey
Phil Harvey

PH/ko/15
Encl.

c.c.: Ken Richards, GM

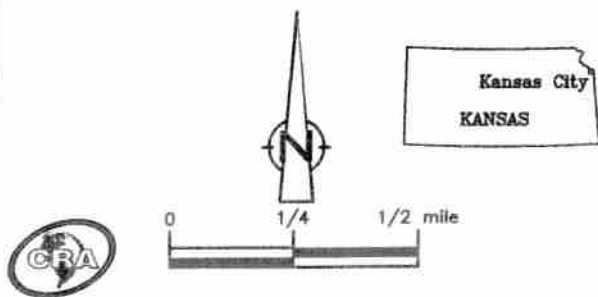
¹ For the MW-103A area, refer to the work plan titled "Pre-Design Investigations Work Plan" dated August 2001.

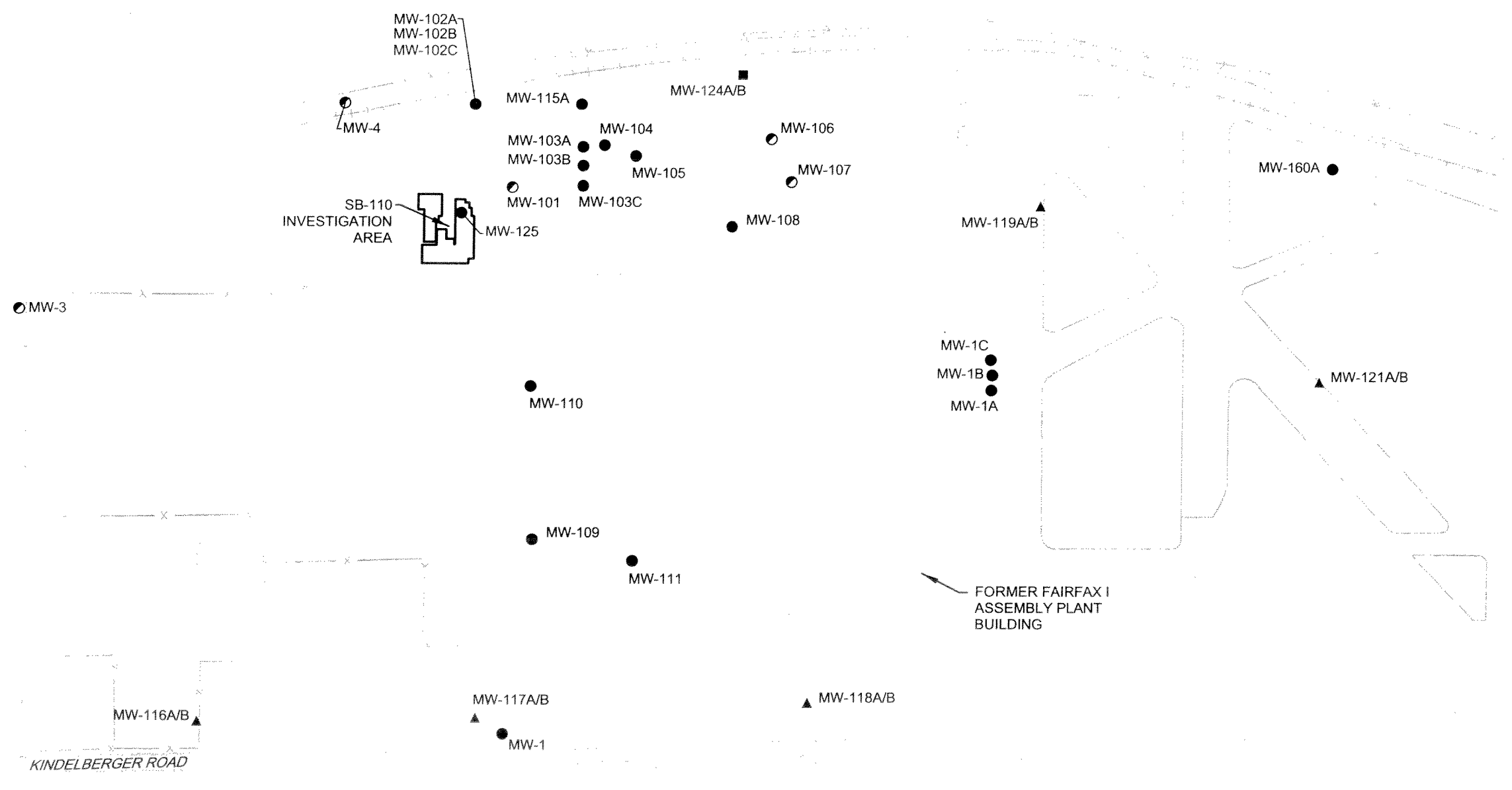
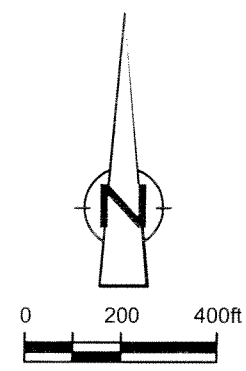


BASE SOURCE: USGS 7.5 MINUTE TOPOGRAPHIC QUADRANGLE;
NORTH KANSAS CITY, MO-KS 1990

figure 1.1

SITE LOCATION MAP
FORMER FAIRFAX I PLANT SITE
Kansas City, Kansas





LEGEND:

--- FENCE LINE

--- RAILROAD TRACK

--- APPROXIMATE OUTLINE OF FORMER FAIRFAX I ASSEMBLY PLANT BUILDING

MW-1 ● EXISTING MONITORING WELL LOCATION AND IDENTIFIER

MW-3 ○ FORMER MONITORING WELL LOCATION AND IDENTIFIER

MW-116A/B ▲ NESTED MONITORING WELL LOCATION AND IDENTIFIER (INSTALLED DECEMBER 2005)

MW-124A/B ■ NESTED MONITORING WELL LOCATION AND IDENTIFIER (INSTALLED NOVEMBER 2006)

MW-125 ⊕ MONITORING WELL LOCATION AND IDENTIFIER (INSTALLED OCTOBER 2007)



**SITE PLAN AND MONITORING WELL LOCATIONS
FORMER FAIRFAX I PLANT SITE
Kansas City, Kansas**

figure 1.2

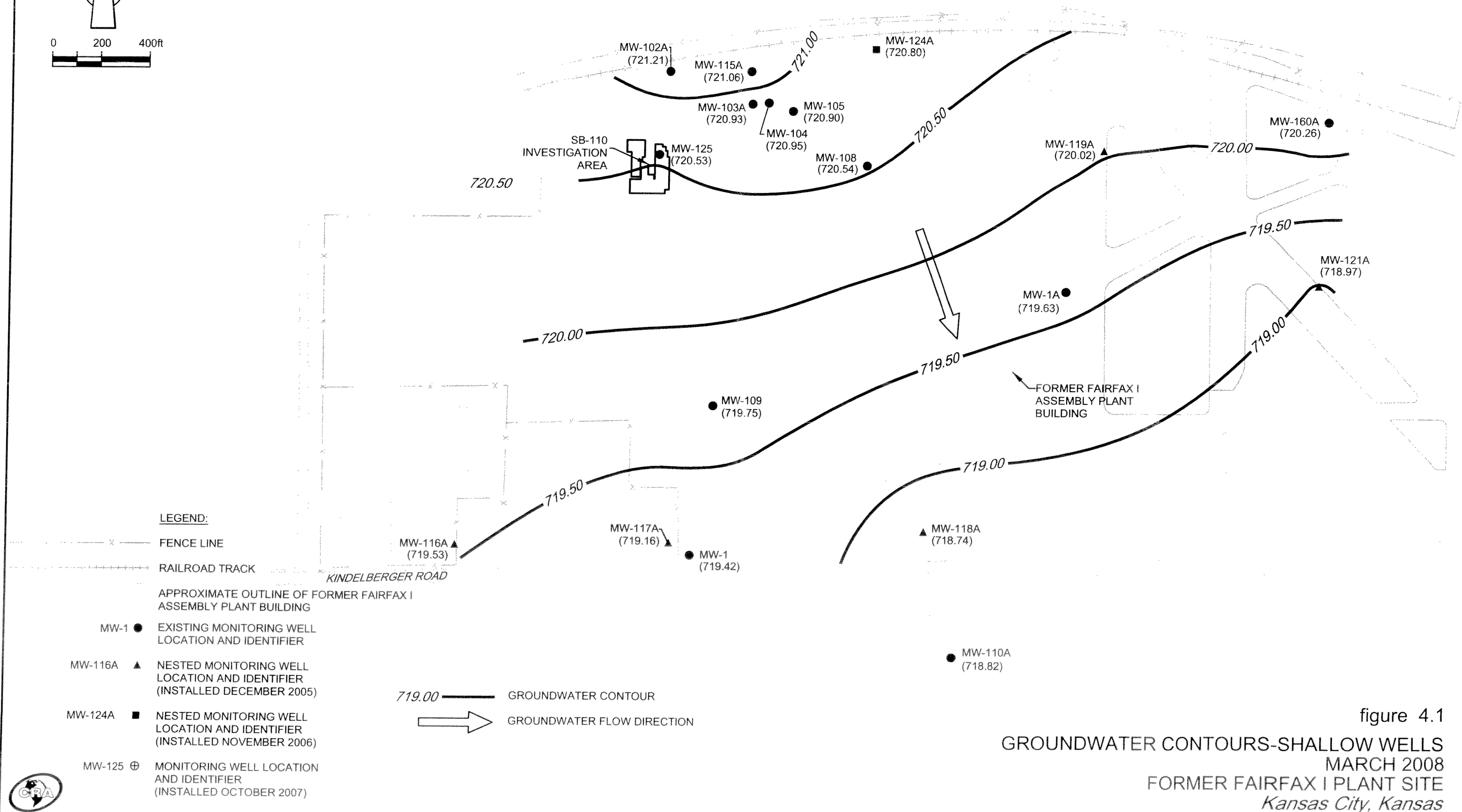
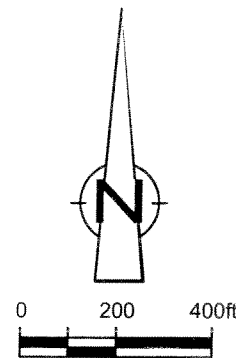


figure 4.1
GROUNDWATER CONTOURS-SHALLOW WELLS
MARCH 2008
FORMER FAIRFAX I PLANT SITE
Kansas City, Kansas



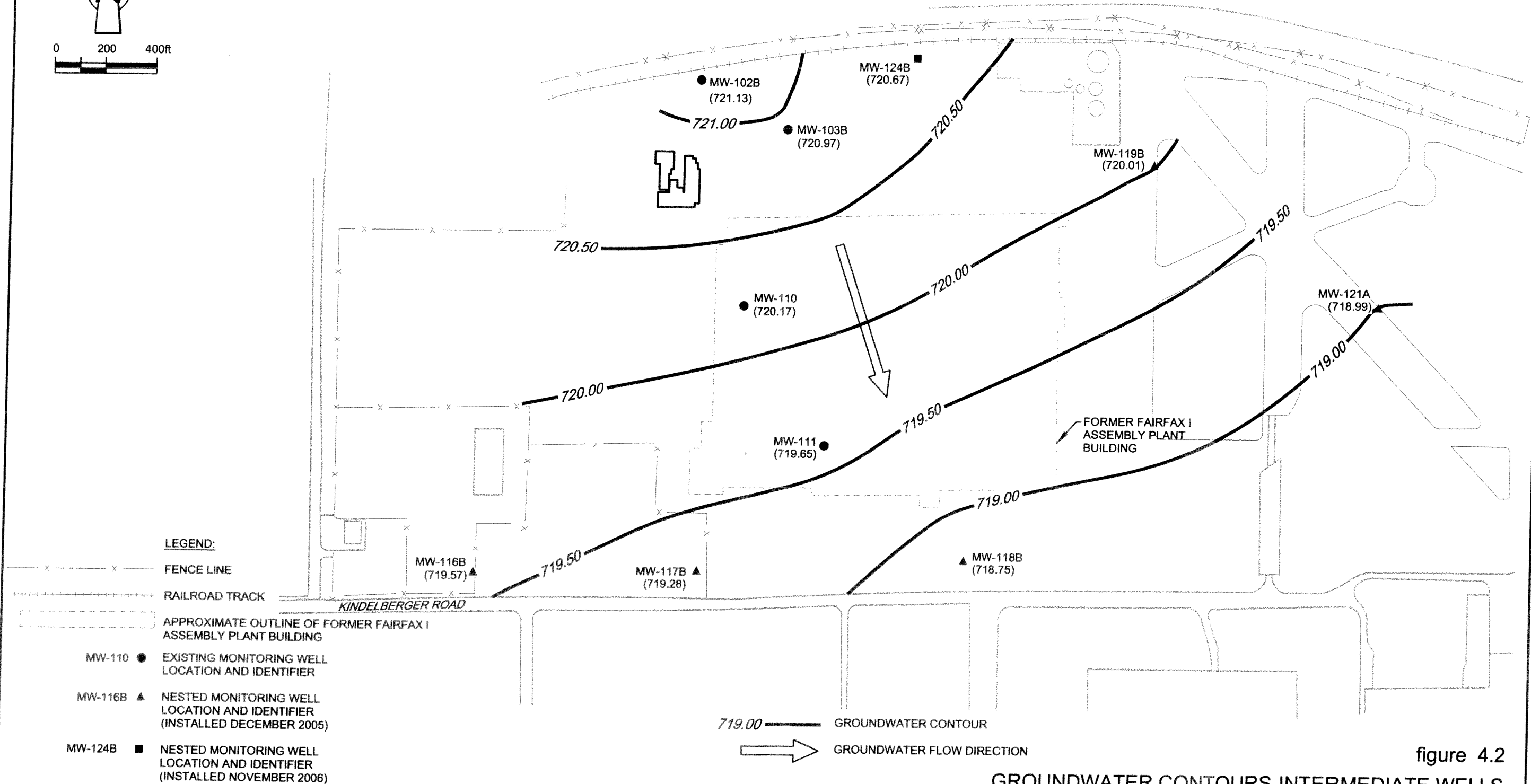
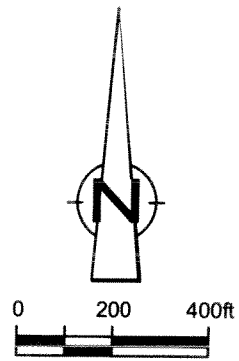


figure 4.2



TABLE 1.1

MONITORING WELL CONSTRUCTION DETAILS
FORMER GM FAIRFAX I PLANT SITE
KANSAS CITY, KANSAS

Monitoring Well	Reference Elevation			Completion Date	Well Material ²	Depth		Screened Interval	
	Top of Casing (ft AMSL) ¹	Ground Surface (ft AMSL)	Top (ft bgs) ³			Bottom (ft bgs)	Top (ft AMSL)	Bottom (ft AMSL)	
MW-1	746.43	744.2	9/2/87	PVC	-- ⁴	30.0	--	--	714.2
MW-1A	745.93	743.7	3/27/85	PVC	15.0	35.0	728.7		708.7
MW-1B	745.40	743.6	3/27/85	PVC	65.0	85.0	678.6		658.6
MW-1C	746.13	743.6	4/1/85	PVC	87.0	107.0	656.6		636.6
MW-102A	748.82	746.1	1/9/88	PVC	--	29.3	--		716.9
MW-102B	749.15	746.1	1/13/88	PVC	--	61.2	--		684.9
MW-102C	749.20	746.2	1/12/88	PVC	--	94.0	--		652.2
MW-103A	747.71	745.1	1/88	SS	--	29.6	--		715.5
MW-103B	746.30	745.1	1/88	SS	--	61.4	--		683.8
MW-103C	745.90	745.1	1/88	SS	--	102.1	--		643.0
MW-104	746.51	744.8	1/10/88	PVC	--	28.4	--		716.4
MW-105	746.70	744.1	1/8/88	PVC	--	30.2	--		713.9
MW-108	747.17	744.0	1/6/88	PVC	--	28.5	--		715.5
MW-109	746.11	743.5	6/89	--	--	30.0	--		713.5
MW-110	745.79	743.8	4/90	--	--	61.2	--		682.6
MW-110A	743.89	743.5	--	--	--	36.1	--		707.4
MW-111	745.96	744.1	4/90	--	--	59.8	--		684.3
MW-115A	748.07	745.7	5/12/99	PVC	11.7	26.7	734.0		719.0
MW-116A	743.54	743.9	12/16/05	PVC	24.5	34.5	719.4		709.4
MW-116B	743.37	743.7	12/20/05	PVC	45.5	58.5	698.2		685.2
MW-117A	743.72	744.0	12/13/05	PVC	20.0	30.0	724.0		714.0
MW-117B	743.75	744.0	12/15/05	PVC	49.0	59.0	695.0		685.0
MW-118A	747.02	744.0	12/12/05	PVC	20.0	30.0	724.0		714.0

TABLE 1.1

MONITORING WELL CONSTRUCTION DETAILS
FORMER GM FAIRFAX I PLANT SITE
KANSAS CITY, KANSAS

Monitoring Well	Reference Elevation		Completion Date	Well Material ²	Depth		Screened Interval		Elevation	
	Top of Casing (ft AMSL) ¹	Ground Surface (ft AMSL)			Top (ft bgs) ³	Bottom (ft bgs)			Top (ft AMSL)	Bottom (ft AMSL)
MW-118B	746.86	744.0	12/13/05	PVC	48.5	58.5			695.5	685.5
MW-119A	746.69	743.7	12/20/05	PVC	23.5	33.5			720.2	710.2
MW-119B	746.65	743.6	12/21/05	PVC	49.0	59.0			694.6	684.6
MW-121A	745.53	742.8	12/22/05	PVC	25.0	35.0			717.8	707.8
MW-121B	745.80	742.9	12/22/05	PVC	48.5	58.5			694.4	684.4
MW-124A	747.22	744.8	11/10/06	PVC	25.0	35.0			719.8	709.8
MW-124B	747.15	744.6	11/10/06	PVC	50.0	60.0			694.6	684.6
MW-125	745.34	742.3	10/31/07	PVC	25.0	35.0			717.3	707.3
MW-160A	746.56	744.3	3/87	--	--	35.4			--	708.9

¹ ft AMSL - feet above mean sea level

² PVC - polyvinyl chloride; SS - stainless steel

³ ft bgs - feet below ground surface

⁴ -- information not available

Screened interval data is not available for MW-1, MW-102A/B/C, MW-103A/B/C, MW-104, MW-105, MW-108, MW-10, MW-110, MW-110A, MW-111, and MW-160A. The approximate bottom of screen elevation was calculated using the difference between the surveyed top of casing elevation and the measured well total depth from 12/3/07; the approximate bottom of screen depth below ground surface was calculated using the difference between the surveyed top of casing and ground surface elevations and the measured total depth from 12/3/07.

TABLE 3.1

SUMMARY OF MONITORING WELL PURGING PARAMETERS
FORMER FAIRFAX I PLANT SITE
KANSAS CITY, KANSAS

Location	Date	Time Purged (minutes)	Depth to Water (ft BGS) ¹	pH (S.U.) ²	Temperature (°C) ³	Conductivity (µS/cm) ⁴	Dissolved Oxygen (mg/L) ⁵	ORP (mV) ⁶	Turbidity (NTU) ⁷	Other
MW-1	3/11/08	5	NM ⁸	6.78	18.0	888	0.47	-37.9	5.36	Clear
		10	NM	6.75	18.0	892	0.28	-31.8	3.66	Clear
		15	NM	6.73	18.0	894	0.17	-24.8	2.36	Clear
		20	NM	6.72	18.0	896	0.15	-20.7	1.79	Clear
MW-1A	3/13/08	5	26.35	7.04	15.7	699	0.29	-53.6	41.8	Clear
		15	26.35	6.97	15.7	707	0.20	-89.7	12.0	Clear
		20	26.35	6.95	15.7	708	0.17	-92.3	9.21	Clear
		25	26.35	6.93	15.7	710	0.17	-97.2	6.33	Clear
		30	26.36	6.94	15.7	711	0.15	-99.3	4.99	Clear
MW-1B	3/13/08	15	25.80	7.24	15.1	704	0.11	-121.3	11.2	Clear
		20	25.81	7.24	15.1	705	0.11	-127.9	6.32	Clear
		25	25.81	7.23	15.1	705	0.09	-132.8	3.95	Clear
MW-1C	3/13/08	10	26.44	7.27	15.1	610	0.33	-109.8	5.66	Clear
		15	26.44	7.22	15.1	675	0.22	-118.9	3.65	Clear
		20	26.44	7.21	15.1	678	0.20	-121.2	3.41	Clear
		25	26.44	7.21	15.1	680	0.21	-123.4	3.05	Clear
MW-102A	3/12/08	5	27.68	6.85	15.0	858	3.18	-51.5	4.68	Clear
		10	27.68	6.82	15.1	862	4.44	-43.0	2.57	Clear
		15	27.68	6.81	15.1	862	4.32	-37.9	2.37	Clear
MW-102B	3/12/08	5	28.08	7.35	14.8	697	0.40	-68.2	7.29	Clear
		10	28.10	7.41	15.1	712	0.18	-93.1	4.51	Clear
		15	28.10	7.43	15.1	712	0.16	-104.9	1.99	Clear
		20	28.10	7.43	15.1	714	0.18	-110.2	1.69	Clear

TABLE 3.1

SUMMARY OF MONITORING WELL PURGING PARAMETERS
FORMER FAIRFAX I PLANT SITE
KANSAS CITY, KANSAS

<i>Location</i>	<i>Date</i>	<i>Time Purged (minutes)</i>	<i>Depth to Water (ft BGS)¹</i>	<i>pH (S.U.)²</i>	<i>Temperature (°C)³</i>	<i>Conductivity (µS/cm)⁴</i>	<i>Dissolved Oxygen (mg/L)⁵</i>	<i>ORP (mV)⁶</i>	<i>Turbidity (NTU)⁷</i>	<i>Other</i>
MW-102C	3/12/08	10	28.04	7.38	15.0	681	0.24	-101.3	15.1	Clear
		15	28.04	7.30	15.1	685	0.18	-113.8	9.85	Clear
		20	28.04	7.29	15.1	685	0.16	-117.4	7.10	Clear
		25	28.04	7.30	15.1	686	0.14	-119.1	4.83	Clear
MW-103A	3/12/08									Strong odor, purged 3 well volumes/7 gallons and sampled with disposable bailer
MW-103B	3/12/08	10	25.33	7.34	15.6	818	0.16	-120.2	2.33	Clear
		15	25.33	7.34	15.6	813	0.13	-128.5	1.91	Clear
		20	25.33	7.36	15.7	812	0.14	-133.3	1.22	Clear
MW-103C	3/12/08	10	24.96	7.31	15.8	700	0.27	-122.3	1.80	Clear
		15	24.96	7.30	15.8	703	0.16	-124.8	2.33	Clear
		20	24.96	7.31	15.8	705	0.15	-126.2	1.93	Clear
MW-104	3/12/08	10	25.69	6.88	16.0	1,202	0.19	-129.2	6.18	Clear
		15	25.68	6.90	16.0	1,208	0.18	-133.4	5.11	Clear
		20	25.68	6.91	16.0	1,207	0.20	-136.5	4.51	Clear
MW-105	3/12/08	5	25.87	6.85	14.9	954	0.37	-47.8	5.42	Clear
		10	25.88	6.83	14.9	957	0.29	-48.7	2.05	Clear
		15	25.88	6.82	14.9	958	0.26	-48.9	2.03	Clear
MW-108	3/11/08	5	NM	6.82	15.0	956	4.19	-16.7	6.31	Air bubbles in line, clear
		10	NM	6.76	14.9	947	3.71	-10.6	1.38	Air bubbles in line, clear
		15	NM	6.76	14.9	947	3.65	-9.3	1.22	Air bubbles in line, clear
		20	NM	6.75	14.9	949	4.12	-6.3	1.08	Air bubbles in line, clear

TABLE 3.1

SUMMARY OF MONITORING WELL PURGING PARAMETERS
FORMER FAIRFAX I PLANT SITE
KANSAS CITY, KANSAS

Location	Date	Time Purged (minutes)	Depth to Water (ft BGS) ¹	pH (S.U.) ²	Temperature (°C) ³	Conductivity (µS/cm) ⁴	Dissolved Oxygen (mg/L) ⁵	ORP (mV) ⁶	Turbidity (NTU) ⁷	Other
MW-109	3/13/08	15	26.40	6.77	15.0	978	0.84	-4.7	1.36	Clear
		20	26.40	6.75	15.0	980	0.76	-4.4	1.48	Clear
		25	26.40	6.74	15.0	981	0.75	-4.2	1.22	Clear
		30	26.40	6.74	15.0	982	0.74	-4.0	1.01	Clear
MW-110	3/13/08	5	25.64	7.23	14.2	749	0.34	-84.8	14.9	Clear
		10	25.64	7.22	14.3	755	0.24	-110.3	13.6	Clear
		15	25.65	7.21	14.3	757	0.26	-113.9	7.70	Clear
		20	25.65	7.20	14.3	757	0.30	-115.3	6.15	Clear
		25	25.65	7.20	14.3	758	0.29	-117.4	4.97	Clear
MW-110A	3/13/08	5	25.13	6.86	16.7	1,130	0.46	-39.2	19.7	Clear
		10	25.13	6.82	16.8	1,132	0.27	-36.3	12.4	Clear
		15	25.13	6.80	16.8	1,136	0.20	-33.5	7.89	Clear
		20	25.13	6.79	16.8	1,134	0.18	-30.0	5.09	Clear
MW-111	3/13/08	5	26.41	7.00	14.7	793	0.52	-45.6	3.38	Clear
		10	26.42	6.99	14.7	813	0.28	-68.9	1.70	Clear
		15	26.42	6.99	14.7	810	0.21	-80.1	1.36	Clear
		20	26.43	6.98	14.7	811	0.22	-83.5	1.69	Clear
MW-115A	3/12/08	5	27.11	6.85	15.8	1,382	1.91	-35.1	41.0	Slightly cloudy
		15	27.13	6.81	16.0	1,402	2.24	-28.5	16.7	Slightly cloudy
		20	27.13	6.79	16.0	1,403	2.39	-25.7	13.1	Clear
		25	27.14	6.79	16.0	1,404	2.18	-21.9	9.21	Clear
		30	27.14	6.80	16.0	1,407	1.99	-20.7	5.02	Clear
MW-116A	3/10/08	15	NM	6.72	17.9	1,007	0.31	-33.4	15.9	Clear
		25	NM	6.71	17.8	1,008	0.24	-26.7	6.39	Clear
		30	NM	6.70	17.8	1,004	0.24	-23.1	3.71	Clear
		35	NM	6.70	17.8	1,007	0.21	-19.7	3.89	Clear

TABLE 3.1

SUMMARY OF MONITORING WELL PURGING PARAMETERS
FORMER FAIRFAX I PLANT SITE
KANSAS CITY, KANSAS

<i>Location</i>	<i>Date</i>	<i>Time Purged (minutes)</i>	<i>Depth to Water (ft BGS)¹</i>	<i>pH (S.U.)²</i>	<i>Temperature (°C)³</i>	<i>Conductivity (µS/cm)⁴</i>	<i>Dissolved Oxygen (mg/L)⁵</i>	<i>ORP (mV)⁶</i>	<i>Turbidity (NTU)⁷</i>	<i>Other</i>
MW-116B	3/10/08	20	NM	6.64	16.7	846	0.26	-34.2	11.5	Clear
		30	NM	6.80	16.8	853	0.23	-76.4	8.06	Clear
		35	NM	6.85	16.8	853	0.23	-90.2	6.71	Clear
		40	NM	6.86	16.8	854	0.24	-97.7	4.89	Clear
		45	NM	6.86	16.8	854	0.25	-100.6	4.63	Clear
MW-117A	3/11/08	10	NM	6.87	17.8	880	0.89	10.8	9.44	Clear
		15	NM	6.82	17.9	876	0.62	5.5	4.46	Clear
		20	NM	6.78	17.9	876	0.52	4.4	3.16	Clear
		25	NM	6.78	17.9	876	0.51	5.2	2.88	Clear
MW-117B	3/11/08	20	NM	7.00	15.7	715	0.26	-100.2	57.7	Cloudy
		30	NM	7.01	15.8	718	0.20	-108.7	22.8	Clear
		35	NM	7.01	15.8	724	0.17	-112.3	24.2	Clear
		40	NM	7.02	15.8	719	0.15	-116.6	16.9	Clear
		45	NM	7.01	15.8	718	0.15	-117.6	8.61	Clear
		50	NM	7.01	15.8	719	0.14	-118.1	6.51	Clear
MW-118A	3/11/08	5	NM	6.82	15.2	893	0.64	12.4	6.60	Clear
		10	NM	6.78	15.3	897	0.53	14.2	2.85	Clear
		15	NM	6.76	15.3	899	0.45	16.2	2.68	Clear
		20	NM	6.76	15.3	900	0.41	17.4	2.22	Clear
MW-118B	3/11/08	60	NM	7.07	15.3	728	0.31	-142.5	2.55	Clear
		65	NM	7.09	15.3	732	0.34	-141.9	3.23	Clear
		70	NM	7.10	15.3	733	0.29	-140.8	2.81	Clear
MW-119A	3/11/08	5	NM	6.80	16.8	937	0.41	-32.8	7.54	Clear
		10	NM	6.78	16.8	936	0.37	-39.5	3.20	Clear
		15	NM	6.76	16.8	936	0.30	-45.1	2.01	Clear
		20	NM	6.76	16.8	937	0.26	-48.0	1.95	Clear

TABLE 3.1

SUMMARY OF MONITORING WELL PURGING PARAMETERS
FORMER FAIRFAX I PLANT SITE
KANSAS CITY, KANSAS

<i>Location</i>	<i>Date</i>	<i>Time Purged (minutes)</i>	<i>Depth to Water (ft BGS)</i> ¹	<i>pH (S.U.)</i> ²	<i>Temperature (°C)</i> ³	<i>Conductivity (µS/cm)</i> ⁴	<i>Dissolved Oxygen (mg/L)</i> ⁵	<i>ORP (mV)</i> ⁶	<i>Turbidity (NTU)</i> ⁷	<i>Other</i>
MW-119B	3/11/08	25	NM	7.26	17.0	785	0.16	-137.5	39.5	Slightly cloudy
		35	NM	7.25	16.5	788	0.28	-141.3	59.2	Slightly cloudy
		40	NM	7.26	16.7	784	0.25	-142.1	14.0	Clear
		45	NM	7.24	16.6	777	0.13	-143.3	10.6	Clear
		50	NM	7.25	16.6	780	0.14	-144.3	6.39	Clear
		55	NM	7.25	16.6	781	0.16	-145.8	4.02	Clear
MW-121A	3/12/08	5	26.61	6.79	16.6	832	0.40	-9.2	33.5	Clear
		10	26.61	6.75	17.1	843	0.28	-22.3	17.5	Clear
		15	26.62	6.74	17.1	848	0.22	-28.3	12.0	Clear
		20	26.62	6.72	17.1	852	0.18	-34.6	8.15	Clear
		25	26.63	6.73	17.1	849	0.18	-37.7	4.75	Clear
MW-121B	3/12/08	5	26.95	7.09	16.0	734	0.40	-75.3	58.3	Slightly cloudy
		15	26.97	7.08	15.9	735	0.11	-124.2	26.0	Slightly cloudy
		20	26.97	7.09	15.9	735	0.10	-127.4	11.0	Clear
		25	26.97	7.09	15.9	734	0.08	-131.7	5.75	Clear
		30	26.97	7.09	15.9	735	0.08	-132.9	4.53	Clear
MW-124A	3/11/08	5	NM	6.75	16.5	945	0.32	-54.5	17.0	Clear
		10	NM	6.76	16.5	942	0.24	-68.6	12.9	Clear
		15	NM	6.73	16.5	947	0.17	-80.2	9.44	Clear
		20	NM	6.74	16.5	946	0.14	-87.1	5.63	Clear
		25	NM	6.75	16.5	944	0.11	-92.1	4.56	Clear
MW-124B	3/11/08	10	NM	7.05	15.6	954	0.11	-133.4	11.5	Clear
		15	NM	7.03	15.6	952	0.09	-134.8	5.68	Clear
		20	NM	7.03	15.6	951	0.08	-135.6	3.95	Clear

TABLE 3.1

SUMMARY OF MONITORING WELL PURGING PARAMETERS
FORMER FAIRFAX I PLANT SITE
KANSAS CITY, KANSAS

<i>Location</i>	<i>Date</i>	<i>Time Purged (minutes)</i>	<i>Depth to Water (ft BGS)¹</i>	<i>pH (S.U.)²</i>	<i>Temperature (°C)³</i>	<i>Conductivity (µS/cm)⁴</i>	<i>Dissolved Oxygen (mg/L)⁵</i>	<i>ORP (mV)⁶</i>	<i>Turbidity (NTU)⁷</i>	<i>Other</i>
MW-125A	3/12/08	15	24.85	7.00	14.6	800	0.23	-88.4	15.9	Clear
		20	24.86	6.97	14.6	802	0.19	-98.1	8.03	Clear
		25	24.86	6.97	14.6	804	0.16	-103.5	7.14	Clear
		30	24.85	6.96	14.6	805	0.13	-110.1	4.01	Clear
MW-160A	3/10/08	10	NM	6.75	15.8	1,032	0.39	-90.7	22.7	Clear
		15	NM	6.71	16.1	1,027	0.27	-87.3	12.3	Clear
		20	NM	6.70	16.1	1,024	0.23	-86.7	5.12	Clear
		25	NM	6.69	16.1	1,021	0.20	-85.4	3.54	Clear
		30	NM	6.69	16.1	1,020	0.17	-85.0	3.21	Clear

¹ ft BGS - feet below ground surface

² S.U. - standard units

³ °C - degrees Celcius

⁴ µS/cm - microsiemens per centimeter

⁵ mg/L - milligrams per liter

⁶ mV - millivolts

⁷ NTU - nephelometric turbidity units

⁸ NM - not measured

SUMMARY OF GROUNDWATER ELEVATIONS
FORMER FAIRFAX I PLANT SITE
KANSAS CITY, KANSAS

<i>Monitoring Well</i>	<i>Top of Casing Elevation (ft AMSL) ¹</i>	<i>September 2007</i>		<i>December 2007</i>	
		<i>Depth to Water (ft BTOC) ²</i>	<i>Groundwater Elevation (ft AMSL)</i>	<i>Depth to Water (ft BTOC)</i>	<i>Groundwater Elevation (ft AMSL)</i>
MW-1	746.43	24.13	722.30	25.98	720.45
MW-1A	745.93	23.85	722.08	25.87	720.06
MW-1B	745.40	23.30	722.10	25.36	720.04
MW-1C	746.13	24.00	722.13	26.06	720.07
MW-102A	748.82	26.45	722.37	29.86	718.96
MW-102B	749.15	26.60	722.55	30.24	718.91
MW-102C	749.20	26.80	722.40	30.24	718.96
MW-103A	747.71	25.21	722.50	28.65	719.06
MW-103B	746.30	23.78	722.52	27.15	719.15
MW-103C	745.90	23.38	722.52	26.75	719.15
MW-104	746.51	24.03	722.48	27.45	719.06
MW-105	746.70	24.41	722.29	27.66	719.04
MW-108	747.17	24.91	722.26	27.74	719.43
MW-109	746.11	23.85	722.26	25.88	720.23
MW-110	745.79	23.43	722.36	25.83	719.96
MW-110A	743.89	22.25	721.64	23.36	720.53
MW-111	745.96	23.86	722.10	25.65	720.31
MW-115A	748.07	25.56	722.51	28.82	719.25
MW-116A	743.54	21.18	722.36	23.62	719.92
MW-116B	743.37	21.00	722.37	22.45	720.92
MW-117A	743.72	21.66	722.06	23.68	720.04
MW-117B	743.75	21.73	722.02	23.73	720.02
MW-118A	747.02	25.86	721.16	26.81	720.21
MW-118B	746.86	25.70	721.16	26.65	720.21
MW-119A	746.69	24.87	721.82	27.77	718.92
MW-119B	746.65	24.84	721.81	27.73	718.92
MW-121A	745.53	24.00	721.53	26.09	719.44
MW-121B	745.80	24.25	721.55	26.36	719.44
MW-124A	747.22	25.13	722.09	28.56	718.66
MW-124B	747.15	25.06	722.09	28.48	718.67
MW-125	745.34	22.54	722.80 ³	26.34	719.00
MW-160A	746.56	24.52	722.04	27.58	718.98

SUMMARY OF GROUNDWATER ELEVATIONS
FORMER FAIRFAX I PLANT SITE
KANSAS CITY, KANSAS

<i>Monitoring Well</i>	<i>Top of Casing Elevation (ft AMSL) ¹</i>	<i>March 2008</i>	
		<i>Depth to Water (ft BTOC)</i>	<i>Groundwater Elevation (ft AMSL)</i>
MW-1	746.43	27.01	719.42
MW-1A	745.93	26.30	719.63
MW-1B	745.40	25.80	719.60
MW-1C	746.13	26.44	719.69
MW-102A	748.82	27.61	721.21
MW-102B	749.15	28.02	721.13
MW-102C	749.20	28.02	721.18
MW-103A	747.71	26.78	720.93
MW-103B	746.30	25.33	720.97
MW-103C	745.90	24.95	720.95
MW-104	746.51	25.56	720.95
MW-105	746.70	25.80	720.90
MW-108	747.17	26.63	720.54
MW-109	746.11	26.36	719.75
MW-110	745.79	25.62	720.17
MW-110A	743.89	25.07	718.82
MW-111	745.96	26.31	719.65
MW-115A	748.07	27.01	721.06
MW-116A	743.54	24.01	719.53
MW-116B	743.37	23.80	719.57
MW-117A	743.72	24.56	719.16
MW-117B	743.75	24.47	719.28
MW-118A	747.02	28.28	718.74
MW-118B	746.86	28.11	718.75
MW-119A	746.69	26.67	720.02
MW-119B	746.65	26.64	720.01
MW-121A	745.53	26.56	718.97
MW-121B	745.80	26.81	718.99
MW-124A	747.22	26.42	720.80
MW-124B	747.15	26.48	720.67
MW-125	745.34	24.81	720.53
MW-160A	746.56	26.30	720.26

¹ ft AMSL - feet above mean sea level

² ft BTOC - feet below top of casing

³ MW-125 - depth to water measured November 1, 2007

TABLE 4.2

SUMMARY OF DETECTED GROUNDWATER ANALYTICAL DATA
FORMER FAIRFAX I PLANT SITE
KANSAS CITY, KANSAS

Sample Location:			MW-1	MW-1A	MW-1B	MW-1B	MW-1C	MW-102A	MW-102B	MW-102C	MW-103A	MW-103A
Sample ID:			GW-031108-JH-006	GW-031308-JH-035	GW-031308-JH-037	GW-031308-JH-038	GW-031308-JH-039	GW-031208-JH-016	GW-031208-JH-017	GW-031208-JH-018	GW-031208-JH-020	GW-031208-JH-021
Sample Date:			3/11/2008	3/13/2008	3/13/2008	3/13/2008	3/13/2008	3/12/2008	3/12/2008	3/12/2008	3/12/2008	3/12/2008
Sample Type:	Residential GW Pathway Scenario ¹	Non-Residential GW Pathway Scenario ¹				Duplicate						Duplicate
Parameters	a	b										
Volatile Organic Compounds (mg/L) ²												
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	0.07	0.23	0.01 U ³	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	67 ^{ab5}	68 ^{ab}
Carbon disulfide	0.009	0.03	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	2.7 J ^{ab}	5 U
Chlorobenzene	0.1	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	5 U	5 U
cis-1,2-Dichloroethene	0.07	0.07	0.0005 U	0.00045 J ⁴	0.00026 J	0.00028 J	0.0005 U	0.0005 U	0.0005 U	0.0005 U	2.5 U	2.5 U
Ethylbenzene	0.7	0.7	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	6.6 ^{ab}	7.4 ^{ab}
Tetrachloroethene	0.005	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	5 U	5 U
Toluene	1	1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	120 ^{ab}	120 ^{ab}
trans-1,2-Dichloroethene	0.1	0.1	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	2.5 U	2.5 U
Trichloroethene	0.005	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	5 U	5 U
Vinyl chloride	0.002	0.002	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	5 U	5 U
Xylene (total)	10	10	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	52 ^{ab}	55 ^{ab}
Petroleum Products												
Total Petroleum Hydrocarbons - purgeable (GRO)	0.500	0.500	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	210 J ^{ab}	360 J ^{ab}

TABLE 4.2

SUMMARY OF DETECTED GROUNDWATER ANALYTICAL DATA FORMER FAIRFAX I PLANT SITE KANSAS CITY, KANSAS												
Sample Location:			MW-103B	MW-103C	MW-104	MW-105	MW-108	MW-109	MW-110	MW-110A	MW-110A	MW-111
Sample ID:			GW-031208-JH-022	GW-031208-JH-024	GW-031208-JH-025	GW-031208-JH-026	GW-031108-JH-010	GW-031308-JH-029	GW-031308-JH-032	GW-031308-JH-033	GW-031308-JH-034	GW-031308-JH-030
Sample Date:			3/12/2008	3/12/2008	3/12/2008	3/12/2008	3/11/2008	3/13/2008	3/13/2008	3/13/2008	3/13/2008	3/13/2008
Sample Type:	Residential GW Pathway Scenario ¹	Non-Residential GW Pathway Scenario ¹									Duplicate	
Parameters	a	b										
Volatile Organic Compounds (mg/L) ²												
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	0.07	0.23	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.025 U
Carbon disulfide	0.009	0.03	0.00073 J	0.001 U	0.0009 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
Chlorobenzene	0.1	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
cis-1,2-Dichloroethene	0.07	0.07	0.0038	0.0005 U	0.00023 J	0.0038	0.0005 U	0.02	0.0004 J	0.0057	0.0058	0.08 ^{ab}
Ethylbenzene	0.7	0.7	0.00026 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
Tetrachloroethene	0.005	0.005	0.001 U	0.001 U	0.001 U	0.00032 J	0.001 U	0.001 U	0.001 U	0.0035	0.0035	0.0025 U
Toluene	1	1	0.0016	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
trans-1,2-Dichloroethene	0.1	0.1	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0017	0.0005 U	0.00021 J	0.00019 J	0.0057
Trichloroethene	0.005	0.005	0.001 U	0.001 U	0.001 U	0.0007 J	0.001 U	0.00029 J	0.001 U	0.00075 J	0.00087 J	0.0025 U
Vinyl chloride	0.002	0.002	0.00057 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0062 ^{ab}
Xylene (total)	10	10	0.0016	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
Petroleum Products												
Total Petroleum Hydrocarbons - purgeable (GRO)	0.500	0.500	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U

TABLE 4.2

SUMMARY OF DETECTED GROUNDWATER ANALYTICAL DATA FORMER FAIRFAX I PLANT SITE KANSAS CITY, KANSAS												
Sample Location:			MW-111	MW-115A	MW-116A	MW-116B	MW-117A	MW-117B	MW-118A	MW-118B	MW-119A	MW-119B
Sample ID:			GW-031308-JH-031	GW-031208-JH-019	GW-031008-JH-002	GW-031008-JH-001	GW-031108-JH-004	GW-031108-JH-005	GW-031108-JH-008	GW-031108-JH-009	GW-031108-JH-013	GW-031108-JH-014
Sample Date:			3/13/2008	3/12/2008	3/10/2008	3/10/2008	3/11/2008	3/11/2008	3/11/2008	3/11/2008	3/11/2008	3/11/2008
Sample Type:	Residential GW Pathway Scenario ¹	Non-Residential GW Pathway Scenario ¹	Duplicate									
Parameters	a	b										
Volatile Organic Compounds (mg/L) ²												
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	0.07	0.23	0.025 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Carbon disulfide	0.009	0.03	0.00094 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	0.1	0.1	0.0025 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	0.07	0.07	0.083 ^{ab}	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0011	0.0039	0.0034	0.0005 U	0.0005 U
Ethylbenzene	0.7	0.7	0.0025 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	0.005	0.005	0.0025 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	1	1	0.0025 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	0.1	0.1	0.0067	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.00022 J	0.0005 U	0.0005 U
Trichloroethene	0.005	0.005	0.0025 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.00068 J	0.001 U	0.001 U	0.001 U
Vinyl chloride	0.002	0.002	0.0057 ^{ab}	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.00045 J	0.001 U	0.001 U
Xylene (total)	10	10	0.0025 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Petroleum Products												
Total Petroleum Hydrocarbons - purgeable (GRO)	0.500	0.500	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U

TABLE 4.2

SUMMARY OF DETECTED GROUNDWATER ANALYTICAL DATA
FORMER FAIRFAX I PLANT SITE
KANSAS CITY, KANSAS

Sample Location:			MW-121A	MW-121B	MW-124A	MW-124B	MW-125	MW-160A
Sample ID:			GW-031208-JH-027	GW-031208-JH-028	GW-031108-JH-011	GW-031108-JH-012	GW-031208-JH-015	GW-031008-JH-003
Sample Date:			3/12/2008	3/12/2008	3/11/2008	3/11/2008	3/12/2008	3/10/2008
Sample Type:	Residential GW Pathway Scenario ¹	Non-Residential GW Pathway Scenario ¹						
Parameters	a	b						
Volatile Organic Compounds (mg/L) ²								
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	0.07	0.23	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Carbon disulfide	0.009	0.03	0.001 U	0.0015	0.001 U	0.00054 J	0.001 U	0.001 U
Chlorobenzene	0.1	0.1	0.001 U	0.001 U	0.001 U	0.00027 J	0.001 U	0.001 U
cis-1,2-Dichloroethene	0.07	0.07	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
Ethylbenzene	0.7	0.7	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	0.005	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	1	1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	0.1	0.1	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
Trichloroethene	0.005	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	0.002	0.002	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Xylene (total)	10	10	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Petroleum Products								
Total Petroleum Hydrocarbons - purgeable (GRO)	0.500	0.500	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U

¹ Risk-Based Standards for Kansas RSK Manual - 4th Version, Appendix A, June 2007

² mg/L - milligrams per liter

³ U - not present at or above the associated value

⁴ J - estimated concentration

⁵ Box denotes exceedence of KDHE criteria

^{ab} The letter a and/or b represents the Risk-Based Standard exceeded, respectively

ATTACHMENT A

DATA QUALITY ASSESSMENT AND VALIDATION MEMORANDUM



**CONESTOGA-ROVERS
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MEMORANDUM

TO: Phil Harvey (Chicago) REF. NO.: 017307-095007

FROM: Susan C. Scrocchi/pga/8 *SCS* DATE: May 13, 2008

C.C.: Patricia Klick (Chicago), Dennis Hoyt E-Mail and Hard Copy if Requested

RE: **Data Quality Assessment and Validation**
Quarterly Groundwater Sampling Event
GM Fairfax
March 2008

The following details a quality assessment and validation of the analytical data resulting from the March 2008 collection of the quarterly groundwater samples from the General Motors (GM) Fairfax Site in Kansas City, Kansas. The sample summary detailing sample identification, sample location, quality control (QC) samples, and analytical parameters is presented in Table 1. Sample analysis was completed at TestAmerica Inc. (TestAmerica), in North Canton, Ohio, in accordance with the methodologies presented in Table 2.

The QC criteria used to assess the data were established by the methods and the guidance document, "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review", United States Environmental Protection Agency (USEPA) 540/R-99/008, October 1999.

These guidelines are collectively referred to as "Guidelines" in this memorandum.

Sample Quantitation

Where concentrations of volatile organic compounds (VOCs) and/or Total Petroleum Hydrocarbon-Gasoline Range Organic (TPH-GRO) were detected below the laboratory's practical quantitation limit (PQL)/report limit (RL) but above the laboratory's method detection limit (MDL), the laboratory flagged these sample concentrations with a "J". These concentrations should be qualified as estimated (J) values unless qualified otherwise in this memorandum.

Sample Preservation and Holding Times

Sample holding time periods and preservation requirements are summarized in the analytical methods. All sample extractions and/or analyses were performed within the specified holding times.

All samples were properly preserved and cooled to 4°C(±2°C) after collection.

Method Blank Samples

Method blank samples are prepared from a purified sample matrix and are processed concurrently with investigative samples to assess the presence and the magnitude of sample contamination introduced during sample analysis. Method blank samples are analyzed at a minimum frequency of one per analytical batch and target analytes should be non-detect.

Method blanks were analyzed at the recommended frequency. Acetone and TPH-GRO were present at low concentrations. All associated sample results with similar concentrations were qualified as non-detect (see Table 3).

Surrogate Compounds – Organic Analyses

Individual sample performance for organic analyses was monitored by assessing the results of surrogate compound percent recoveries. Surrogate percent recoveries are reviewed against the laboratory developed control limits provided in the analytical report.

All surrogate recoveries met the method criteria, demonstrating acceptable analytical efficiency for these analyses.

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

To assess the long term accuracy and precision of the analytical methods on various matrices, MS/MSD percent recoveries and relative percent differences (RPD) of the concentrations were determined. The organic MS/MSD percent recovery and RPD control limits are established by the laboratory.

All MS/MSD recoveries were acceptable indicating good analytical accuracy and precision.

Laboratory Control Sample/Laboratory control Sample Duplicate (LCS/LCSD)

The LCS analysis serves as a monitor of the overall performance in all steps of the sample analysis and is analyzed with each sample batch. The LCS percent recoveries were evaluated against method and laboratory established control limits.

The LCS/LCSD percent recoveries were all within the laboratory control limits indicating acceptable analytical accuracy and precision.

Target Compound Identification

To minimize erroneous compound identification during organic analyses, qualitative criteria including compound retention time and mass spectra (if applicable) were evaluated according to identification criteria established by the methods. The organic compounds reported adhered to the specified identification criteria.

Field Quality Assurance/Quality Control (QA/QC)

The field QA/QC consisted of three equipment blank sample, four field duplicate sample sets and three trip blanks.

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

2-Butanone and TPH-GRO were present at low concentrations in the rinse blanks. All associated sample results were non-detect and would not have been impacted.

Overall precision for the sampling event and laboratory procedures was monitored using the results of the field duplicate sample sets. The RPDs associated with these duplicate samples must be less than 50 percent for water. If the reported concentration in either the investigative sample or its duplicate is less than five times the RL, the evaluation criteria is one times the RL value for water.

Variability was observed between TPH-GRO results. The associated sample results were qualified as estimated (see Table 4).

To monitor potential cross-contamination of VOC during aqueous sample transportation and storage, a trip blank was submitted to the laboratory for VOC analysis with each shipping cooler containing multiple samples.

All trip blank results were non-detect for the compounds of interest with the exception of low concentrations of acetone and methylene chloride. All associated sample results with similar concentrations were qualified as non-detect (see Table 5).

Overall Assessment

The data were found to exhibit acceptable levels of accuracy and precision, based on the provided information, and may be used with the qualifications noted.

TABLE 1
SAMPLE COLLECTION AND ANALYSIS SUMMARY
QUARTERLY GROUNDWATER SAMPLING EVENT
GENERAL MOTORS FAIRFAX
KANSAS CITY, KANSAS
MARCH 2008

Sample I.D.	Location I.D.	Collection Date (mm/dd/yy)	Collection Time (hr:min)	<u>Analysis/Parameters</u>		Comments
				TCL VOCs	TPH-GRO	
GW-031008-JH-001	MW-116B	03/10/08	14:15	X	X	
GW-031008-JH-002	MW-116A	03/10/08	15:15	X	X	
GW-031008-JH-003	MW-160A	03/10/08	17:05	X	X	
GW-031108-JH-004	MW-117A	03/11/08	8:40	X	X	
GW-031108-JH-005	MW-117B	03/11/08	9:55	X	X	
GW-031108-JH-006	MW-1	03/11/08	10:35	X	X	
GW-031108-JH-007	Equipment Blank	03/11/08	11:00	X	X	
GW-031108-JH-008	MW-118A	03/11/08	11:25	X	X	
GW-031108-JH-009	MW-118B	03/11/08	12:45	X	X	
GW-031108-JH-010	MW-108	03/11/08	13:35	X	X	
GW-031108-JH-011	MW-124A	03/11/08	14:25	X	X	
GW-031108-JH-012	MW-124B	03/11/08	14:55	X	X	
GW-031108-JH-013	MW-119A	03/11/08	15:45	X	X	
Trip Blank-A	Trip Blank	03/11/08	-	X		
GW-031108-JH-014	MW-119B	03/11/08	16:50	X	X	
GW-031208-JH-015	MW-125	03/12/08	8:40	X	X	
GW-031208-JH-016	MW-102A	03/12/08	9:20	X	X	
GW-031208-JH-017	MW-102B	03/12/08	9:50	X	X	
GW-031208-JH-018	MW-102C	03/12/08	10:25	X	X	
GW-031208-JH-019	MW-115A	03/12/08	11:10	X	X	
GW-031208-JH-020	MW-103A	03/12/08	12:00	X	X	
GW-031208-JH-021	MW-103A	03/12/08	12:30	X	X	Field duplicate of GW-031208-JH-020
GW-031208-JH-022	MW-103B	03/12/08	13:05	X	X	
GW-031208-JH-023	Equipment Blank	03/12/08	13:10	X	X	
GW-031208-JH-024	MW-103C	03/12/08	13:45	X	X	
GW-031208-JH-025	MW-104	03/12/08	14:20	X	X	
GW-031208-JH-026	MW-105	03/12/08	14:50	X	X	
GW-031208-JH-027	MW-121A	03/12/08	15:40	X	X	
Trip Blank-B	Trip Blank	03/12/08	-	X		
GW-031208-JH-028	MW-121B	03/12/08	16:15	X	X	
GW-031308-JH-029	MW-109	03/13/08	8:50	X	X	
GW-031308-JH-030	MW-111	03/13/08	9:25	X	X	
GW-031308-JH-031	MW-111	03/13/08	9:45	X	X	Field duplicate of GW-031308-JH-030
GW-031308-JH-032	MW-110	03/13/08	10:25	X	X	
GW-031308-JH-033	MW-110A	03/13/08	11:15	X	X	
GW-031308-JH-034	MW-110A	03/13/08	11:50	X	X	Field duplicate of GW-031308-JH-033
GW-031308-JH-035	MW-1A	03/13/08	13:40	X	X	
GW-031308-JH-036	Equipment Blank	03/13/08	13:50	X	X	
GW-031308-JH-037	MW-1B	03/13/08	14:25	X	X	
GW-031308-JH-038	MW-1B	03/13/08	14:40	X	X	Field duplicate of GW-031308-JH-037
GW-031308-JH-039	MW-1C	03/13/08	15:10	X	X	
Trip Blank-C	Trip Blank	03/13/08	-	X		

Notes:

- Not applicable.
TCL Target Compound List.
TPH-GRO Total Petroleum Hydrocarbon-Gasoline Range Organic.
VOCs Volatile Organic Compound.

TABLE 2
SUMMARY OF ANALYTICAL METHODS
QUARTERLY GROUNDWATER SAMPLING EVENT
GENERAL MOTORS FAIRFAX
KANSAS CITY, KANSAS
MARCH 2008

<i>Parameter</i>	<i>Method</i> ¹
TCL VOCs	SW-846 8260B
TPH-GRO	SW-846 8015

Notes:

¹ "Test Methods for Solid Waste/Physical Chemical Methods",
SW-846, 3rd Edition, September 1986 (with all subsequent
revisions).

TCL Target Compound List.

TPH-GRO Total Petroleum Hydrocarbon-Gasoline Range Organic.

VOCs Volatile Organic Compounds.

TABLE 3
 QUALIFIED SAMPLE RESULTS DUE TO ANALYTE CONCENTRATIONS IN THE METHOD BLANKS
 QUARTERLY GROUNDWATER SAMPLING EVENT
 GENERAL MOTORS FAIRFAX
 KANSAS CITY, KANSAS
 MARCH 2008

<i>Parameter</i>	<i>Analysis Date</i>	<i>Analyte</i>	<i>Blank Result</i>	<i>Sample ID</i>	<i>Qualified Sample Result</i>
VOCs	03/19/08	Acetone	7500	GW-031208-JH-020	50000 U
				GW-031208-JH-021	50000 U
TPH-GRO	03/17/08	TPH-GRO	41	GW-031008-JH-001	100 U
				GW-031008-JH-002	100 U
				GW-031008-JH-003	100 U
				GW-031108-JH-004	100 U
				GW-031108-JH-005	100 U
				GW-031108-JH-006	100 U
				GW-031108-JH-008	100 U
				GW-031108-JH-009	100 U
				GW-031108-JH-010	100 U
				GW-031108-JH-011	100 U
				GW-031108-JH-012	100 U
				GW-031108-JH-013	100 U
				GW-031108-JH-014	100 U
				GW-031208-JH-015	100 U
				GW-031208-JH-016	100 U
				GW-031208-JH-017	100 U
				GW-031208-JH-018	100 U
				GW-031208-JH-019	100 U
				GW-031208-JH-022	100 U
				GW-031208-JH-024	100 U
				GW-031208-JH-025	100 U
				GW-031208-JH-026	100 U
				GW-031208-JH-027	100 U
				GW-031208-JH-028	100 U
				GW-031308-JH-029	100 U
				GW-031308-JH-032	100 U
				GW-031308-JH-033	100 U
				GW-031308-JH-034	100 U
				GW-031308-JH-035	100 U
				GW-031308-JH-037	100 U
				GW-031308-JH-038	100 U
				GW-031308-JH-039	100 U
				GW-031308-JH-030	100 U
				GW-031308-JH-031	100 U

Notes:

TPH-GRO Total Petroleum Hydrocarbon-Gasoline Range Organic.
 U Not detected.
 VOCs Volatile Organic Compounds.

TABLE 4
 QUALIFIED SAMPLE RESULTS DUE TO VARIABILITY IN FIELD DUPLICATE RESULTS
 QUARTERLY GROUNDWATER SAMPLING EVENT
 GENERAL MOTORS FAIRFAX
 KANSAS CITY, KANSAS
 MARCH 2008

Parameter	Analyte	Original Sample ID	Original Result	Duplicate Sample ID	Duplicate Result	RPD	Units	Qualifier ^u
TPH	TPH-GRO	GW-031208-JH-020	210000	GW-031208-JH-021	360000	53	ug/L	J

Notes:
 1 Qualifier is associated with original and duplicate result.
 J Estimated.
 RPD Relative Percent Difference.
 TPH-GRO Total Petroleum Hydrocarbon-Gasoline Range Organic.

TABLE 5
 QUALIFIED SAMPLE DATA DUE TO ANALYTE CONCENTRATIONS IN THE TRIP BLANK
 QUARTERLY GROUNDWATER SAMPLING EVENT
 GENERAL MOTORS FAIRFAX
 KANSAS CITY, KANSAS
 MARCH 2008

<i>Parameter</i>	<i>Blank Date</i>	<i>Analyte</i>	<i>Blank Result</i>	<i>Associated Sample ID</i>	<i>Qualified Sample Result</i>	<i>Units</i>
VOCs	03/11/08	Acetone	2.3	GW-031108-JH-005	10 U	ug/L
				GW-031108-JH-007	10 U	ug/L
				GW-031108-JH-008	10 U	ug/L
				GW-031108-JH-011	10 U	ug/L
				GW-031108-JH-012	10 U	ug/L
				GW-031108-JH-013	10 U	ug/L
				GW-031208-JH-019	10 U	ug/L
				GW-031208-JH-023	10 U	ug/L
				GW-031208-JH-025	10 U	ug/L
				GW-031308-JH-030	25 U	ug/L
				GW-031308-JH-031	25 U	ug/L
				GW-031308-JH-036	10 U	ug/L

Notes:
 U Not detected.
 VOCs Volatile Organic Compounds.

ATTACHMENT B

HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL DATA

TABLE B.1

HISTORICAL SUMMARY OF DETECTED GROUNDWATER ANALYTICAL DATA
FORMER FAIRFAX I PLANT SITE
KANSAS CITY, KANSAS

Sample Location:			MW-1	MW-1	MW-1	MW-1	MW-1	MW-1A	MW-1A	MW-1A	MW-1A	MW-1A
Sample ID:			GW-100398-JM-001	GW-122104-DS-006	GW-091107-NT-006	GW-120407-JH-005	GW-031108-JH-006	GW-100398-JM-011	GW-122104-DS-013	GW-091307-NT-029	GW-120607-JH-029	GW-031308-JH-035
Sample Date:			10/3/1998	12/21/2004	9/11/2007	12/4/2007	3/11/2008	10/3/1998	12/21/2004	9/13/2007	12/6/2007	3/13/2008
Sample Type:	Residential GW Pathway Scenario ¹	Non-Residential GW Pathway Scenario ¹										
Parameters	a	b										
Volatile Organic Compounds (mg/L) ²												
1,2-Dichloroethene (total)	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone (Methyl Ethyl Ketone)	0.82	2.8	0.005 U ³	0.01 U	0.01 U	0.01 U	0.01 U	0.005 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	0.07	0.23	0.005 U	0.01 U	0.01 U	0.01 U	0.01 U	0.008	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	0.26	0.93	0.005 U	0.01 U	0.01 U	0.01 U	0.01 U	0.005 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzene	0.005	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	0.08	0.08	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	0.009	0.03	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	0.1	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	0.08	0.08	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl Chloride)	0.02	0.04	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	0.07	0.07	0.001 U	0.00036 J ⁴	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.00087 J	0.0004 J	0.00036 J	0.00045 J
Ethylbenzene	0.7	0.7	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.003	0.001 U	0.001 U	0.001 U	0.001 U
Methylene chloride	0.005	0.005	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	0.005	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	1	1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.074	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	0.1	0.1	0.001 U	0.001 U	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.001 U	0.0005 U	0.0005 U	0.0005 U
Trichloroethene	0.005	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	0.002	0.002	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Xylene (total)	10	10	0.001 U	0.002 U	0.001 U	0.001 U	0.001 U	0.039	0.002 U	0.001 U	0.001 U	0.001 U

TABLE B.1

HISTORICAL SUMMARY OF DETECTED GROUNDWATER ANALYTICAL DATA
FORMER FAIRFAX I PLANT SITE
KANSAS CITY, KANSAS

Sample Location:			MW-1B	MW-1B	MW-1B	MW-1B	MW-1B	MW-1C	MW-1C	MW-1C	MW-1C	MW-102A
Sample ID:			GW-091307-NT-028	GW-120607-JH-027	GW-120607-JH-028	GW-031308-JH-037	GW-031308-JH-038	GW-100398-JM-009	GW-091307-NT-027	GW-120507-JH-024	GW-031308-JH-039	GW-051299-JH-102
Sample Date:			9/13/2007	12/6/2007	12/6/2007	3/13/2008	3/13/2008	10/3/1998	9/13/2007	12/5/2007	3/13/2008	5/12/1999
Sample Type:	Residential GW Pathway Scenario ¹	Non-Residential GW Pathway Scenario ¹			Duplicate		Duplicate					
Parameters	a	b										
Volatile Organic Compounds (mg/L) ²												
1,2-Dichloroethene (total)	--	--	--	--	--	--	--	--	--	--	--	0.001 U
2-Butanone (Methyl Ethyl Ketone)	0.82	2.8	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.005 U	0.01 U	0.01 U	0.01 U	0.02 U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	0.07	0.23	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.041	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	0.26	0.93	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.005 U	0.01 U	0.01 U	0.01 U	0.1 U
Benzene	0.005	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	0.08	0.08	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	0.009	0.03	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	0.1	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.005 U
Chloroform (Trichloromethane)	0.08	0.08	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl Chloride)	0.02	0.04	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	0.07	0.07	0.0005 U	0.0005 U	0.0005 U	0.00026 J	0.00028 J	0.001 U	0.0005 U	0.0005 U	0.0005 U	0.001 U
Ethylbenzene	0.7	0.7	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.01	0.001 U	0.001 U	0.001 U	0.001 U
Methylene chloride	0.005	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	0.001 U	0.001 U	0.005 U
Tetrachloroethene	0.005	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	1	1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.21	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	0.1	0.1	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0005 U	0.0005 U	0.0005 U	0.001 U
Trichloroethene	0.005	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	0.002	0.002	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Xylene (total)	10	10	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.11	0.001 U	0.001 U	0.001 U	0.003 U

TABLE B.1

HISTORICAL SUMMARY OF DETECTED GROUNDWATER ANALYTICAL DATA
FORMER FAIRFAX I PLANT SITE
KANSAS CITY, KANSAS

Sample Location:			MW-102A	MW-102A	MW-102A	MW-102A	MW-102B	MW-102B	MW-102B	MW-102C	MW-102C	MW-102C
Sample ID:			GW-062706-JH-014	GW-091207-NT-020	GW-120507-JH-014	GW-031208-JH-016	GW-091307-NT-021	GW-120507-JH-015	GW-031208-JH-017	GW-091307-NT-022	GW-120507-JH-016	GW-031208-JH-018
Sample Date:			6/27/2006	9/12/2007	12/5/2007	3/12/2008	9/13/2007	12/5/2007	3/12/2008	9/13/2007	12/5/2007	3/12/2008
Sample Type:	Residential GW Pathway Scenario ¹	Non-Residential GW Pathway Scenario ¹										
Parameters	a	b										
Volatile Organic Compounds (mg/L) ²												
1,2-Dichloroethene (total)	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone (Methyl Ethyl Ketone)	0.82	2.8	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	0.07	0.23	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	0.26	0.93	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzene	0.005	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	0.08	0.08	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	0.009	0.03	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	0.1	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	0.08	0.08	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl Chloride)	0.02	0.04	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	0.07	0.07	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
Ethylbenzene	0.7	0.7	0.001 U	0.00071 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methylene chloride	0.005	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	0.005	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	1	1	0.001 U	0.0009 J	0.001 U	0.001 U	0.00018 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	0.1	0.1	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
Trichloroethene	0.005	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	0.002	0.002	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Xylene (total)	10	10	0.001 U	0.00071 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

TABLE B.1

HISTORICAL SUMMARY OF DETECTED GROUNDWATER ANALYTICAL DATA
FORMER FAIRFAX I PLANT SITE
KANSAS CITY, KANSAS

Sample Location:			MW-103A	MW-103A	MW-103A	MW-103A	MW-103A	MW-103A	MW-103A	MW-103A	MW-103B	
Sample ID:			GW-100398-JM-003	GW-051399-JH-105	GW-051399-JH-106	GW-091207-NT-017	GW-091207-NT-018	GW-120607-JH-030	GW-120607-JH-031	GW-031208-JH-020	GW-031208-JH-021	GW-091207-NT-015
Sample Date:			10/3/1998	5/13/1999	5/13/1999	9/12/2007	9/12/2007	12/6/2007	12/6/2007	3/12/2008	3/12/2008	9/12/2007
Sample Type:	Residential GW Pathway Scenario ¹	Non-Residential GW Pathway Scenario ¹			Duplicate		Duplicate		Duplicate		Duplicate	
Parameters	a	b										
Volatile Organic Compounds (mg/L) ²												
1,2-Dichloroethene (total)	--	--	--	0.003	0.003	--	--	--	--	--	--	--
2-Butanone (Methyl Ethyl Ketone)	0.82	2.8	1.5 ^{ab}	0.81 J	0.8 J	50 U	50 U	50 U	50 U	50 U	50 U	0.01 U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	0.07	0.23	81 ^{ab}	30 ^{ab}	29 ^{ab}	30 J ^{ab}	33 J ^{ab}	160 ^{ab}	160 ^{ab}	67 ^{ab}	68 ^{ab}	0.01 U
Acetone	0.26	0.93	270 ^{ab}	140 ^{ab}	120 ^{ab}	50 U	50 U	50 U	50 U	7.7 U	8 U	0.01 U
Benzene	0.005	0.005	0.34 ^{ab}	0.13 ^{ab}	0.14 ^{ab}	5 U	5 U	5 U	5 U	5 U	5 U	0.001 U
Bromodichloromethane	0.08	0.08	0.001 U	0.001 U	0.001 U	5 U	5 U	5 U	5 U	5 U	5 U	0.001 U
Carbon disulfide	0.009	0.03	0.001 U	0.005 U	0.005 U	5 U	5 U	5 U	5 U	2.7 J ^{ab}	5 U	0.00091 J
Chlorobenzene	0.1	0.1	0.001 U	0.001 U	0.001 U	5 U	5 U	5 U	5 U	5 U	5 U	0.001 U
Chloroform (Trichloromethane)	0.08	0.08	0.001 U	0.001 U	0.001 U	5 U	5 U	5 U	5 U	5 U	5 U	0.001 U
Chloromethane (Methyl Chloride)	0.02	0.04	0.001 U	0.001 U	0.001 U	5 U	5 U	5 U	5 U	5 U	5 U	0.001 U
cis-1,2-Dichloroethene	0.07	0.07	0.001 U	0.003	0.002	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.0034
Ethylbenzene	0.7	0.7	1.4 ^{ab}	0.5	0.57	7.4 ^{ab}	7.9 ^{ab}	8 ^{ab}	7.5 ^{ab}	6.6 ^{ab}	7.4 ^{ab}	0.001 U
Methylene chloride	0.005	0.005	0.002 U	0.005 U	0.005 U	5 U	5 U	5 U	5 U	5 U	5 U	0.001 U
Tetrachloroethene	0.005	0.005	0.001 U	0.001 U	0.001 U	5 U	5 U	5 U	5 U	5 U	5 U	0.001 U
Toluene	1	1	34 ^{ab}	8.9 ^{ab}	9 ^{ab}	120 ^{ab}	130 ^{ab}	150 ^{ab}	140 ^{ab}	120 ^{ab}	120 ^{ab}	0.001 U
trans-1,2-Dichloroethene	0.1	0.1	0.001 U	0.001 U	0.001 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.0005 U
Trichloroethene	0.005	0.005	0.001 U	0.001 U	0.001 U	5 U	5 U	5 U	5 U	5 U	5 U	0.001 U
Vinyl chloride	0.002	0.002	0.001 U	0.001 U	0.001 U	5 U	5 U	5 U	5 U	5 U	5 U	0.001 U
Xylene (total)	10	10	11 ^{ab}	3.8	3.9	63 ^{ab}	67 ^{ab}	57 ^{ab}	56 ^{ab}	52 ^{ab}	55 ^{ab}	0.001 U

TABLE B.1
HISTORICAL SUMMARY OF DETECTED GROUNDWATER ANALYTICAL DATA
FORMER FAIRFAX I PLANT SITE
KANSAS CITY, KANSAS

Sample Location:			MW-103B	MW-103B	MW-103C	MW-103C	MW-103C	MW-103C	MW-103C	MW-104	MW-104	MW-104
Sample ID:			GW-120507-JH-021	GW-031208-JH-022	GW-100398-JM-005	GW-100398-JM-007	GW-091207-NT-016	GW-120507-JH-020	GW-031208-JH-024	GW-051299-JH-101	GW-062706-JH-012	GW-062706-JH-013
Sample Date:			12/5/2007	3/12/2008	10/3/1998	10/3/1998	9/12/2007	12/5/2007	3/12/2008	5/12/1999	6/27/2006	6/27/2006
Sample Type:	Residential GW Pathway Scenario ¹	Non-Residential GW Pathway Scenario ¹				Duplicate						Duplicate
Parameters	a	b										
Volatile Organic Compounds (mg/L) ²												
1,2-Dichloroethene (total)	--	--	--	--	--	--	--	--	--	0.001 U	--	--
2-Butanone (Methyl Ethyl Ketone)	0.82	2.8	0.01 U	0.01 U	0.005 U	0.005 U	0.01 U	0.01 U	0.01 U	0.02 U	0.01 U	0.01 U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	0.07	0.23	0.01 U	0.01 U	0.11 ^a	0.098 ^a	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	0.26	0.93	0.01 U	0.01 U	0.005 U	0.005 U	0.01 U	0.01 U	0.01 U	0.1 U	0.01 U	0.01 U
Benzene	0.005	0.005	0.001 U	0.001 U	0.004	0.003	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	0.08	0.08	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	0.009	0.03	0.001 U	0.00073 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.005 U	0.001 U	0.001 U
Chlorobenzene	0.1	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	0.08	0.08	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl Chloride)	0.02	0.04	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	0.07	0.07	0.0064	0.0038	0.001 U	0.001 U	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.00021 J	0.0005 U
Ethylbenzene	0.7	0.7	0.001 U	0.00026 J	0.022	0.018	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methylene chloride	0.005	0.005	0.001 U	0.001 U	0.002 U	0.002 U	0.001 U	0.001 U	0.001 U	0.005 U	0.001 U	0.001 U
Tetrachloroethene	0.005	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	1	1	0.00026 J	0.0016	0.53	0.46	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	0.1	0.1	0.0005 U	0.0005 U	0.001 U	0.001 U	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0005 U	0.0005 U
Trichloroethene	0.005	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	0.002	0.002	0.001	0.00057 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Xylene (total)	10	10	0.001 U	0.0016	0.18	0.16	0.001 U	0.001 U	0.001 U	0.003 U	0.001 U	0.001 U

TABLE B.1

HISTORICAL SUMMARY OF DETECTED GROUNDWATER ANALYTICAL DATA
FORMER FAIRFAX I PLANT SITE
KANSAS CITY, KANSAS

Sample Location:			MW-104	MW-104	MW-104	MW-105	MW-105	MW-105	MW-105	MW-105	MW-105	MW-105
Sample ID:			GW-091207-NT-014	GW-120507-JH-019	GW-031208-JH-025	GW-051299-JH-100	GW-122004-DS-003	GW-062706-JH-009	GW-062706-JH-010	GW-091207-NT-013	GW-120507-JH-018	GW-031208-JH-026
Sample Date:			9/12/2007	12/5/2007	3/12/2008	5/12/1999	12/20/2004	6/27/2006	6/27/2006	9/12/2007	12/5/2007	3/12/2008
Sample Type:	Residential GW Pathway Scenario ¹	Non-Residential GW Pathway Scenario ¹							Duplicate			
Parameters	a	b										
Volatile Organic Compounds (mg/L) ²												
1,2-Dichloroethene (total)	--	--	--	--	--	0.001 U	--	--	--	--	--	--
2-Butanone (Methyl Ethyl Ketone)	0.82	2.8	0.01 U	0.01 U	0.01 U	0.02 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	0.07	0.23	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	0.26	0.93	0.01 U	0.01 U	0.01 U	0.1 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzene	0.005	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	0.08	0.08	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	0.009	0.03	0.001 U	0.001 U	0.0009 J	0.005 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	0.1	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	0.08	0.08	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl Chloride)	0.02	0.04	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	0.07	0.07	0.00025 J	0.00022 J	0.00023 J	0.001 U	0.0063	0.0049	0.0049	0.0031	0.0037	0.0038
Ethylbenzene	0.7	0.7	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methylene chloride	0.005	0.005	0.001 U	0.001 U	0.001 U	0.005 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	0.005	0.005	0.001 U	0.001 U	0.001 U	0.001	0.001 U	0.001 U	0.001 U	0.00063 J	0.00035 J	0.00032 J
Toluene	1	1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	0.1	0.1	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.001 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
Trichloroethene	0.005	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.00058 J	0.00043 J	0.0013	0.00075 J	0.0007 J
Vinyl chloride	0.002	0.002	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Xylene (total)	10	10	0.001 U	0.001 U	0.001 U	0.003 U	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

TABLE B.1

HISTORICAL SUMMARY OF DETECTED GROUNDWATER ANALYTICAL DATA
FORMER FAIRFAX I PLANT SITE
KANSAS CITY, KANSAS

Sample Location:			MW-108	MW-108	MW-108	MW-108	MW-108	MW-109	MW-109	MW-109	MW-109	MW-109
Sample ID:			GW-100398-JM-027	GW-062706-JH-011	GW-091107-NT-009	GW-120507-JH-017	GW-031108-JH-010	GW-100398-JM-023	GW-122104-DS-005	GW-091307-NT-025	GW-120607-JH-033	GW-031308-JH-029
Sample Date:			10/3/1998	6/27/2006	9/11/2007	12/5/2007	3/11/2008	10/3/1998	12/21/2004	9/13/2007	12/6/2007	3/13/2008
Sample Type:	Residential GW Pathway Scenario ¹	Non-Residential GW Pathway Scenario ¹										
Parameters	a	b										
Volatile Organic Compounds (mg/L) ²												
1,2-Dichloroethene (total)	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone (Methyl Ethyl Ketone)	0.82	2.8	0.005 U	0.01 U	0.01 U	0.01 U	0.01 U	0.005 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	0.07	0.23	0.005 U	0.01 U	0.01 U	0.01 U	0.01 U	0.005 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	0.26	0.93	0.005 U	0.01 U	0.01 U	0.01 U	0.01 U	0.005 U	0.0022 J	0.01 U	0.01 U	0.01 U
Benzene	0.005	0.005	0.001 U	0.0004 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	0.08	0.08	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	0.009	0.03	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	0.1	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	0.08	0.08	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl Chloride)	0.02	0.04	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	0.07	0.07	0.001 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.018	0.02	0.031	0.02	0.02
Ethylbenzene	0.7	0.7	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methylene chloride	0.005	0.005	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	0.005	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	1	1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	0.1	0.1	0.001 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.002	0.0013	0.0019	0.0015	0.0017
Trichloroethene	0.005	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.00029 J
Vinyl chloride	0.002	0.002	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001	0.0012	0.00029 J	0.001 U
Xylene (total)	10	10	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	0.001 U	0.001 U

TABLE B.1

HISTORICAL SUMMARY OF DETECTED GROUNDWATER ANALYTICAL DATA
FORMER FAIRFAX I PLANT SITE
KANSAS CITY, KANSAS

Sample Location:			MW-110	MW-110	MW-110	MW-110	MW-110	MW-110	MW-110	MW-110	MW-110A	MW-110A
Sample ID:			GW-100398-JM-025	GW-122104-DS-012	GW-122104-DSDUP	GW-011806-JH-008	GW-091307-NT-023	GW-120607-JH-037	GW-120607-JH-038	GW-031308-JH-032	GW-100398-JM-017	GW-122104-DS-008
Sample Date:			10/3/1998	12/21/2004	12/21/2004	1/18/2006	9/13/2007	12/6/2007	12/6/2007	3/13/2008	10/3/1998	12/21/2004
Sample Type:	Residential GW Pathway Scenario ¹	Non-Residential GW Pathway Scenario ¹			Duplicate				Duplicate			
Parameters	a	b										
Volatile Organic Compounds (mg/L) ²												
1,2-Dichloroethene (total)	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone (Methyl Ethyl Ketone)	0.82	2.8	0.005 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.005 U	0.01 U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	0.07	0.23	0.005 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.005 U	0.01 U
Acetone	0.26	0.93	0.005 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.005 U	0.01 U
Benzene	0.005	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	0.08	0.08	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	0.009	0.03	0.001 U	0.001 U	0.00049 J	0.00028 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	0.1	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	0.08	0.08	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002	0.001 U
Chloromethane (Methyl Chloride)	0.02	0.04	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	0.07	0.07	0.002	0.00074 J	0.00067 J	0.00066	0.00029 J	0.00033 J	0.00035 J	0.0004 J	0.002	0.004
Ethylbenzene	0.7	0.7	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001	0.001 U
Methylene chloride	0.005	0.005	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U
Tetrachloroethene	0.005	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.029 ^{ab}	0.0048
Toluene	1	1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.023	0.001 U
trans-1,2-Dichloroethene	0.1	0.1	0.001 U	0.001 U	0.001 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.00021 J
Trichloroethene	0.005	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001	0.0019
Vinyl chloride	0.002	0.002	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Xylene (total)	10	10	0.001 U	0.002 U	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.013	0.002 U

TABLE B.1

HISTORICAL SUMMARY OF DETECTED GROUNDWATER ANALYTICAL DATA
FORMER FAIRFAX I PLANT SITE
KANSAS CITY, KANSAS

Sample Location:			MW-110A	MW-110A	MW-110A	MW-110A	MW-110A	MW-111	MW-111	MW-111	MW-111	MW-111
Sample ID:			GW-091407-NT-033	GW-091407-NT-034	GW-120507-JH-023	GW-031308-JH-033	GW-031308-JH-034	GW-122104-DS-011	GW-091307-NT-024	GW-120607-JH-035	GW-120607-JH-036	GW-031308-JH-030
Sample Date:			9/14/2007	9/14/2007	12/5/2007	3/13/2008	3/13/2008	12/21/2004	9/13/2007	12/6/2007	12/6/2007	3/13/2008
Sample Type:	Residential GW Pathway Scenario ¹	Non-Residential GW Pathway Scenario ¹		Duplicate			Duplicate				Duplicate	
Parameters	a	b										
Volatile Organic Compounds (mg/L) ²												
1,2-Dichloroethene (total)	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone (Methyl Ethyl Ketone)	0.82	2.8	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.05 U	0.025 U	0.033 U	0.033 U	0.025 U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	0.07	0.23	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.05 U	0.025 U	0.033 U	0.033 U	0.025 U
Acetone	0.26	0.93	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.05 U	0.025 U	0.033 U	0.033 U	0.025 U
Benzene	0.005	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.005 U	0.0025 U	0.0033 U	0.0033 U	0.0025 U
Bromodichloromethane	0.08	0.08	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.005 U	0.0025 U	0.0033 U	0.0033 U	0.0025 U
Carbon disulfide	0.009	0.03	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.005 U	0.0025 U	0.0033 U	0.0033 U	0.0025 U
Chlorobenzene	0.1	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.005 U	0.0025 U	0.0033 U	0.0033 U	0.0025 U
Chloroform (Trichloromethane)	0.08	0.08	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.005 U	0.0025 U	0.0033 U	0.0033 U	0.0025 U
Chloromethane (Methyl Chloride)	0.02	0.04	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.005 U	0.0025 U	0.0033 U	0.0033 U	0.0025 U
cis-1,2-Dichloroethene	0.07	0.07	0.0026	0.0027	0.0019	0.0057	0.0058	0.15 ^{ab}	0.07	0.088 ^{ab}	0.089 ^{ab}	0.08 ^{ab}
Ethylbenzene	0.7	0.7	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.005 U	0.0025 U	0.0033 U	0.0033 U	0.0025 U
Methylene chloride	0.005	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.005 U	0.0025 U	0.0017 J	0.0028 J	0.0025 U
Tetrachloroethene	0.005	0.005	0.007 ^{ab}	0.0073 ^{ab}	0.0096 ^{ab}	0.0035	0.0035	0.005 U	0.0025 U	0.0033 U	0.0033 U	0.0025 U
Toluene	1	1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.005 U	0.0025 U	0.0033 U	0.0033 U	0.0025 U
trans-1,2-Dichloroethene	0.1	0.1	0.0005 U	0.0005 U	0.0005 U	0.00021 J	0.00019 J	0.011	0.0047	0.0062	0.006	0.0057
Trichloroethene	0.005	0.005	0.0015	0.0014	0.0014	0.00075 J	0.00087 J	0.005 U	0.0025 U	0.0033 U	0.0033 U	0.0025 U
Vinyl chloride	0.002	0.002	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.017 ^{ab}	0.003 ^{ab}	0.007 ^{ab}	0.0067 ^{ab}	0.0062 ^{ab}
Xylene (total)	10	10	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.01 U	0.0025 U	0.0033 U	0.0033 U	0.0025 U

TABLE B.1

HISTORICAL SUMMARY OF DETECTED GROUNDWATER ANALYTICAL DATA
FORMER FAIRFAX I PLANT SITE
KANSAS CITY, KANSAS

Sample Location:			MW-111	MW-115A	MW-115A	MW-115A	MW-116A	MW-116A	MW-116A	MW-116A	MW-116A	MW-116B
Sample ID:			GW-031308-JH-031	GW-051399-JH-104	GW-091207-NT-019	GW-031208-JH-019	GW-011706-JH-001	GW-062706-JH-008	GW-091107-NT-002	GW-120407-JH-001	GW-031008-JH-002	GW-011706-JH-002
Sample Date:			3/13/2008	5/13/1999	9/12/2007	3/12/2008	1/17/2006	6/27/2006	9/11/2007	12/4/2007	3/10/2008	1/17/2006
Sample Type:	Residential GW Pathway Scenario ¹	Non-Residential GW Pathway Scenario ¹	Duplicate									
Parameters	a	b										
Volatile Organic Compounds (mg/L) ²												
1,2-Dichloroethene (total)	--	--	--	0.001 U	--	--	--	--	--	--	--	--
2-Butanone (Methyl Ethyl Ketone)	0.82	2.8	0.025 U	0.02 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	0.07	0.23	0.025 U	0.01 U	0.00044 J	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	0.26	0.93	0.025 U	0.1 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzene	0.005	0.005	0.0025 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	0.08	0.08	0.0025 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	0.009	0.03	0.00094 J	0.005 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	0.1	0.1	0.0025 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	0.08	0.08	0.0025 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl Chloride)	0.02	0.04	0.0025 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	0.07	0.07	0.083 ^{ab}	0.001 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
Ethylbenzene	0.7	0.7	0.0025 U	0.001 U	0.0019	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methylene chloride	0.005	0.005	0.0025 U	0.005 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	0.005	0.005	0.0025 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	1	1	0.0025 U	0.001 U	0.016	0.001 U	0.001 U	0.001 U	0.001 U	0.00022 J	0.001 U	0.001 U
trans-1,2-Dichloroethene	0.1	0.1	0.0067	0.001 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
Trichloroethene	0.005	0.005	0.0025 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	0.002	0.002	0.0057 ^{ab}	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Xylene (total)	10	10	0.0025 U	0.003 U	0.016	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

TABLE B.1

HISTORICAL SUMMARY OF DETECTED GROUNDWATER ANALYTICAL DATA
FORMER FAIRFAX I PLANT SITE
KANSAS CITY, KANSAS

Sample Location:			MW-116B	MW-116B	MW-116B	MW-116B	MW-117A	MW-117A	MW-117A	MW-117A	MW-117A	MW-117A
Sample ID:			GW-062706-JH-007	GW-091107-NT-001	GW-120407-JH-002	GW-031008-JH-001	GW-011706-JH-003	GW-062706-JH-004	GW-091107-NT-003	GW-091107-NT-004	GW-120407-JH-003	GW-031108-JH-004
Sample Date:			6/27/2006	9/11/2007	12/4/2007	3/10/2008	1/17/2006	6/27/2006	9/11/2007	9/11/2007	12/4/2007	3/11/2008
Sample Type:	Residential GW Pathway Scenario ¹	Non-Residential GW Pathway Scenario ¹								Duplicate		
Parameters	a	b										
Volatile Organic Compounds (mg/L) ²												
1,2-Dichloroethene (total)	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone (Methyl Ethyl Ketone)	0.82	2.8	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	0.07	0.23	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	0.26	0.93	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzene	0.005	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	0.08	0.08	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	0.009	0.03	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	0.1	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	0.08	0.08	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl Chloride)	0.02	0.04	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	0.07	0.07	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
Ethylbenzene	0.7	0.7	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methylene chloride	0.005	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	0.005	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	1	1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	0.1	0.1	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
Trichloroethene	0.005	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	0.002	0.002	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Xylene (total)	10	10	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

TABLE B.1

HISTORICAL SUMMARY OF DETECTED GROUNDWATER ANALYTICAL DATA
FORMER FAIRFAX I PLANT SITE
KANSAS CITY, KANSAS

Sample Location:			MW-117B	MW-117B	MW-117B	MW-117B	MW-117B	MW-118A	MW-118A	MW-118A	MW-118A	MW-118A
Sample ID:			GW-011706-JH-004	GW-062706-JH-003	GW-091107-NT-005	GW-120407-JH-004	GW-031108-JH-005	GW-011706-JH-006	GW-062706-JH-006	GW-091107-NT-008	GW-120407-JH-006	GW-031108-JH-008
Sample Date:			1/17/2006	6/27/2006	9/11/2007	12/4/2007	3/11/2008	1/17/2006	6/27/2006	9/11/2007	12/4/2007	3/11/2008
Sample Type:	Residential GW Pathway Scenario ¹	Non-Residential GW Pathway Scenario ¹										
Parameters	a	b										
Volatile Organic Compounds (mg/L) ²												
1,2-Dichloroethene (total)	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone (Methyl Ethyl Ketone)	0.82	2.8	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	0.07	0.23	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	0.26	0.93	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzene	0.005	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	0.08	0.08	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	0.009	0.03	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	0.1	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	0.08	0.08	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl Chloride)	0.02	0.04	0.00019 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	0.07	0.07	0.0013	0.0011	0.0013	0.0013	0.0011	0.0029	0.0035	0.0045	0.0031	0.0039
Ethylbenzene	0.7	0.7	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methylene chloride	0.005	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	0.005	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	1	1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	0.1	0.1	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
Trichloroethene	0.005	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0016	0.0013	0.00063 J	0.00064 J	0.00068 J
Vinyl chloride	0.002	0.002	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Xylene (total)	10	10	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

TABLE B.1

HISTORICAL SUMMARY OF DETECTED GROUNDWATER ANALYTICAL DATA
FORMER FAIRFAX I PLANT SITE
KANSAS CITY, KANSAS

Sample Location:			MW-118B	MW-118B	MW-118B	MW-118B	MW-118B	MW-119A	MW-119A	MW-119A	MW-119A	MW-119A
Sample ID:			GW-011706-JH-005	GW-062706-JH-005	GW-091107-NT-007	GW-120407-JH-007	GW-031108-JH-009	GW-011806-JH-010	GW-011806-JH-011	GW-062706-JH-015	GW-091307-NT-030	GW-120607-JH-026
Sample Date:			1/17/2006	6/27/2006	9/11/2007	12/4/2007	3/11/2008	1/18/2006	1/18/2006	6/27/2006	9/13/2007	12/6/2007
Sample Type:	Residential GW Pathway Scenario ¹	Non-Residential GW Pathway Scenario ¹							Duplicate			
Parameters	a	b										
Volatile Organic Compounds (mg/L) ²												
1,2-Dichloroethene (total)	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone (Methyl Ethyl Ketone)	0.82	2.8	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	0.07	0.23	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	0.26	0.93	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.023 U	0.01 U
Benzene	0.005	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	0.08	0.08	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	0.009	0.03	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0003 J	0.00035 J	0.001 U	0.001 U	0.001 U
Chlorobenzene	0.1	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	0.08	0.08	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl Chloride)	0.02	0.04	0.001 U	0.001 U	0.0016	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	0.07	0.07	0.0049	0.0027	0.0029	0.0028	0.0034	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
Ethylbenzene	0.7	0.7	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methylene chloride	0.005	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	0.005	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	1	1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	0.1	0.1	0.00027 J	0.0002 J	0.0005 U	0.0005 U	0.00022 J	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
Trichloroethene	0.005	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	0.002	0.002	0.0011	0.00038 J	0.00031 J	0.00036 J	0.00045 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Xylene (total)	10	10	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

HISTORICAL SUMMARY OF DETECTED GROUNDWATER ANALYTICAL DATA
FORMER FAIRFAX I PLANT SITE
KANSAS CITY, KANSAS

Sample Location:			MW-119A	MW-119B	MW-119B	MW-119B	MW-119B	MW-119B	MW-121A	MW-121A	MW-121A	MW-121A
Sample ID:			GW-031108-JH-013	GW-011806-JH-009	GW-062706-JH-016	GW-091307-NT-031	GW-120607-JH-025	GW-031108-JH-014	GW-011806-JH-013	GW-062606-JH-002	GW-091407-NT-035	GW-120407-JH-008
Sample Date:			3/11/2008	1/18/2006	6/27/2006	9/13/2007	12/6/2007	3/11/2008	1/18/2006	6/26/2006	9/14/2007	12/4/2007
Sample Type:	Residential GW Pathway Scenario ¹	Non-Residential GW Pathway Scenario ¹										
Parameters	a	b										
Volatile Organic Compounds (mg/L) ²												
1,2-Dichloroethene (total)	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone (Methyl Ethyl Ketone)	0.82	2.8	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	0.07	0.23	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	0.26	0.93	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzene	0.005	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	0.08	0.08	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	0.009	0.03	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	0.1	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	0.08	0.08	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl Chloride)	0.02	0.04	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	0.07	0.07	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
Ethylbenzene	0.7	0.7	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methylene chloride	0.005	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	0.005	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	1	1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	0.1	0.1	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
Trichloroethene	0.005	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	0.002	0.002	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Xylene (total)	10	10	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

TABLE B.1

HISTORICAL SUMMARY OF DETECTED GROUNDWATER ANALYTICAL DATA
FORMER FAIRFAX I PLANT SITE
KANSAS CITY, KANSAS

Sample Location:			MW-121A	MW-121B	MW-121B	MW-121B	MW-121B	MW-121B	MW-124A	MW-124A	MW-124A	MW-124A
Sample ID:			GW-031208-JH-027	GW-011806-JH-012	GW-062606-JH-001	GW-091407-NT-036	GW-120407-JH-009	GW-031208-JH-028	GW112806GC005	GW-091207-NT-010	GW-091207-NT-011	GW-120507-JH-011
Sample Date:			3/12/2008	1/18/2006	6/26/2006	9/14/2007	12/4/2007	3/12/2008	11/28/2006	9/12/2007	9/12/2007	12/5/2007
Sample Type:	Residential GW Pathway Scenario ¹	Non-Residential GW Pathway Scenario ¹									Duplicate	
Parameters	a	b										
Volatile Organic Compounds (mg/L) ²												
1,2-Dichloroethene (total)	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone (Methyl Ethyl Ketone)	0.82	2.8	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	0.07	0.23	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	0.26	0.93	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzene	0.005	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	0.08	0.08	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	0.009	0.03	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0015	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	0.1	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	0.08	0.08	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl Chloride)	0.02	0.04	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	0.07	0.07	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.00026 J	0.0005 U	0.0005 U	0.0005 U
Ethylbenzene	0.7	0.7	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methylene chloride	0.005	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	0.005	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	1	1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	0.1	0.1	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
Trichloroethene	0.005	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0005 U	0.0005 U
Vinyl chloride	0.002	0.002	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Xylene (total)	10	10	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

TABLE B.1
HISTORICAL SUMMARY OF DETECTED GROUNDWATER ANALYTICAL DATA
FORMER FAIRFAX I PLANT SITE
KANSAS CITY, KANSAS

Sample Location:			MW-124A	MW-124B	MW-124B	MW-124B	MW-124B	MW-125	MW-125	MW-125	MW-160A	MW-160A
Sample ID:			GW-031108-JH-011	GW112806GC006	GW-091207-NT-012	GW-120507-JH-012	GW-031108-JH-012	WG-110107-JH-001	GW-120607-JH-032	GW-031208-JH-015	GW-100398-JM-015	GW-122104-DS-007
Sample Date:			3/11/2008	11/28/2006	9/12/2007	12/5/2007	3/11/2008	11/1/2007	12/6/2007	3/12/2008	10/3/1998	12/21/2004
Sample Type:	Residential GW Pathway Scenario ¹	Non-Residential GW Pathway Scenario ¹										
Parameters	a	b										
Volatile Organic Compounds (mg/L) ²												
1,2-Dichloroethene (total)	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone (Methyl Ethyl Ketone)	0.82	2.8	0.01 U	0.0029 J	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.005 U	0.01 U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	0.07	0.23	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.008	0.01 U
Acetone	0.26	0.93	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.005 U	0.01 U
Benzene	0.005	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	0.08	0.08	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.00017 J	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	0.009	0.03	0.001 U	0.001 U	0.001 U	0.001 U	0.00054 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	0.1	0.1	0.001 U	0.001 U	0.0003 J	0.00023 J	0.00027 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	0.08	0.08	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.00033 J	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl Chloride)	0.02	0.04	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	0.07	0.07	0.0005 U	0.00026 J	0.0005 U	0.00022 J	0.0005 U	0.0005 U	0.00048 J	0.0005 U	0.001 U	0.001 U
Ethylbenzene	0.7	0.7	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methylene chloride	0.005	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002	0.001 U
Tetrachloroethene	0.005	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U
Toluene	1	1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.00047 J	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	0.1	0.1	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.001 U	0.041	0.001 U
Trichloroethene	0.005	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0005 U	0.0005 U	0.001 U	0.001 U
Vinyl chloride	0.002	0.002	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Xylene (total)	10	10	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.018	0.002 U

TABLE B.1

HISTORICAL SUMMARY OF DETECTED GROUNDWATER ANALYTICAL DATA
FORMER FAIRFAX I PLANT SITE
KANSAS CITY, KANSAS

Sample Location:			MW-160A	MW-160A	MW-160A
Sample ID:			GW-091407-NT-037	GW-120407-JH-010	GW-031008-JH-003
Sample Date:			9/14/2007	12/4/2007	3/10/2008
Sample Type:	Residential GW Pathway Scenario ¹	Non-Residential GW Pathway Scenario ¹			
Parameters	a	b			
Volatile Organic Compounds (mg/L) ²					
1,2-Dichloroethene (total)	--	--	--	--	--
2-Butanone (Methyl Ethyl Ketone)	0.82	2.8	0.01 U	0.01 U	0.01 U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	0.07	0.23	0.01 U	0.01 U	0.01 U
Acetone	0.26	0.93	0.01 U	0.01 U	0.01 U
Benzene	0.005	0.005	0.001 U	0.001 U	0.001 U
Bromodichloromethane	0.08	0.08	0.001 U	0.001 U	0.001 U
Carbon disulfide	0.009	0.03	0.001 U	0.001 U	0.001 U
Chlorobenzene	0.1	0.1	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	0.08	0.08	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl Chloride)	0.02	0.04	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	0.07	0.07	0.0005 U	0.0005 U	0.0005 U
Ethylbenzene	0.7	0.7	0.001 U	0.001 U	0.001 U
Methylene chloride	0.005	0.005	0.001 U	0.001 U	0.001 U
Tetrachloroethene	0.005	0.005	0.001 U	0.001 U	0.001 U
Toluene	1	1	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	0.1	0.1	0.0005 U	0.0005 U	0.0005 U
Trichloroethene	0.005	0.005	0.001 U	0.001 U	0.001 U
Vinyl chloride	0.002	0.002	0.001 U	0.001 U	0.001 U
Xylene (total)	10	10	0.001 U	0.001 U	0.001 U

¹ Risk-Based Standards for Kansas RSK Manual - 4th Version, Appendix A, June 2007

² mg/L - milligrams per liter

³ U - not present at or above the associated value

⁴ J - estimated concentration

⁵ Box denotes exceedence of KDHE criteria

^{ab} The letter a and/or b represents the Risk-Based Standard exceeded, respectively

ATTACHMENT C

LABORATORY ANALYTICAL DATA

TABLE C.1

SAMPLE KEY
FORMER FAIRFAX I PLANT SITE
KANSAS CITY, KANSAS

<i>Sample ID</i>	<i>Well ID</i>	<i>Date</i>	<i>QA/QC</i> ¹	<i>Parameters</i> ²
GW-031008-JH-001	MW-116B	03/10/08	MS/MSD	TCL VOCs, TPH-GRO
GW-031008-JH-002	MW-116A	03/10/08		TCL VOCs, TPH-GRO
GW-031008-JH-003	MW-160A	03/10/08		TCL VOCs, TPH-GRO
GW-031108-JH-004	MW-117A	03/11/08	Equipment Blank	TCL VOCs, TPH-GRO
GW-031108-JH-005	MW-117B	03/11/08		TCL VOCs, TPH-GRO
GW-031108-JH-006	MW-1	03/11/08		TCL VOCs, TPH-GRO
GW-031108-JH-007	Equipment Blank	03/11/08	Equipment Blank	TCL VOCs, TPH-GRO
GW-031108-JH-008	MW-118A	03/11/08		TCL VOCs, TPH-GRO
GW-031108-JH-009	MW-118B	03/11/08		TCL VOCs, TPH-GRO
GW-031108-JH-010	MW-108	03/11/08	Duplicate	TCL VOCs, TPH-GRO
GW-031108-JH-011	MW-124A	03/11/08		TCL VOCs, TPH-GRO
GW-031108-JH-012	MW-124B	03/11/08		TCL VOCs, TPH-GRO
GW-031108-JH-013	MW-119A	03/11/08	Duplicate	TCL VOCs, TPH-GRO
GW-031108-JH-014	MW-119B	03/11/08		TCL VOCs, TPH-GRO
GW-031208-JH-015	MW-125	03/12/08		TCL VOCs, TPH-GRO
GW-031208-JH-016	MW-102A	03/12/08	Duplicate	TCL VOCs, TPH-GRO
GW-031208-JH-017	MW-102B	03/12/08		TCL VOCs, TPH-GRO
GW-031208-JH-018	MW-102C	03/12/08		TCL VOCs, TPH-GRO
GW-031208-JH-019	MW-115A	03/12/08	Equipment Blank	TCL VOCs, TPH-GRO
GW-031208-JH-020	MW-103A	03/12/08		TCL VOCs, TPH-GRO
GW-031208-JH-021	MW-103A	03/12/08		TCL VOCs, TPH-GRO
GW-031208-JH-022	MW-103B	03/12/08	Equipment Blank	TCL VOCs, TPH-GRO
GW-031208-JH-023	Equipment Blank	03/12/08		TCL VOCs, TPH-GRO
GW-031208-JH-024	MW-103C	03/12/08		TCL VOCs, TPH-GRO
GW-031208-JH-025	MW-104	03/12/08	MS/MSD	TCL VOCs, TPH-GRO
GW-031208-JH-026	MW-105	03/12/08		TCL VOCs, TPH-GRO
GW-031208-JH-027	MW-121A	03/12/08		TCL VOCs, TPH-GRO
GW-031208-JH-028	MW-121B	03/12/08	Duplicate	TCL VOCs, TPH-GRO
GW-031308-JH-029	MW-109	03/13/08		TCL VOCs, TPH-GRO
GW-031308-JH-030	MW-111	03/13/08		TCL VOCs, TPH-GRO
GW-031308-JH-031	MW-111	03/13/08	Duplicate	TCL VOCs, TPH-GRO
GW-031308-JH-032	MW-110	03/13/08		TCL VOCs, TPH-GRO
GW-031308-JH-033	MW-110A	03/13/08		TCL VOCs, TPH-GRO
GW-031308-JH-034	MW-110A	03/13/08	Equipment Blank	TCL VOCs, TPH-GRO
GW-031308-JH-035	MW-1A	03/13/08		TCL VOCs, TPH-GRO
GW-031308-JH-036	Equipment Blank	03/13/08		TCL VOCs, TPH-GRO
GW-031308-JH-037	MW-1B	03/13/08	Duplicate	TCL VOCs, TPH-GRO
GW-031308-JH-038	MW-1B	03/13/08		TCL VOCs, TPH-GRO
GW-031308-JH-039	MW-1C	03/13/08		TCL VOCs, TPH-GRO

¹ QA/QC - quality assurance/quality control
MS/MSD - matrix spike/matrix spike duplicate

² TCL VOCs - target compound list volatile organic compounds
TPH-GRO - total petroleum hydrocarbon gasoline range organics



TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

PROJECT NO. 12559

GM FAIRFAX SSOW# E095007

SDG #: 8C12198

Susan Scrocchi

Conestoga-Rovers & Associates,
2055 Niagara Falls Blvd.
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TESTAMERICA LABORATORIES, INC.



Denise D. Heckler
Project Manager

March 27, 2008

North Canton

CASE NARRATIVE

8C12198

The following report contains the analytical results for thirty-nine water samples and three quality control samples submitted to TestAmerica North Canton by Conestoga-Rovers & Associates, Inc. from the GM FAIRFAX SSOW# E095007 Site, project number 12559. The samples were received March 12, 2008, March 13, 2008, and March 14, 2008, according to documented sample acceptance procedures.

This SDG consists of (3) laboratory ID's: A8C120198, A8C130258, and A8C140169.

TestAmerica utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameter(s) listed on the analytical methods summary page in accordance with the method(s) indicated. A summary of QC data for these analyses is included at the back of the report.

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

Any reference within this document to Severn Trent Laboratories, Inc. or STL, should be understood to refer to TestAmerica Laboratories, Inc. (formerly known as Severn Trent Laboratories, Inc.)

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

Please refer to the Quality Control Elements Narrative following this case narrative for additional quality control information.

If you have any questions, please call the Project Manager, Denise D. Heckler, at 330-497-9396.

This report is sequentially paginated. The final page of the report is labeled as "END OF REPORT." The total number of pages in this report is 185.

CASE NARRATIVE (continued)

SUPPLEMENTAL QC INFORMATION

SAMPLE RECEIVING

The temperatures of the coolers upon sample receipt were 2.6, 2.8, and 3.2°C.

GC/MS VOLATILES

The sample(s) that contained concentrations of target analyte(s) at a reportable level in the associated Method Blank(s) were flagged with "B". All target analytes in the Method Blank must be below the reporting limit (RL) or the associated sample(s) must be ND with the exception of common laboratory contaminants.

The sample(s) that contain results between the MDL and the RL were flagged with "J". There is a possibility of false positive or mis-identification at these quantitation levels. In analytical methods requiring confirmation of the analyte reported, confirmation was performed only down to the standard reporting limit (SRL). The acceptance criteria for QC samples may not be met at these quantitation levels.

PURGEABLE PETROLEUM HYDROCARBONS-8015

The sample(s) that contained concentrations of target analyte(s) at a reportable level in the associated Method Blank(s) were flagged with "B". All target analytes in the Method Blank must be below the reporting limit (RL) or the associated sample(s) must be ND with the exception of common laboratory contaminants.

The sample(s) that contain results between the MDL and the RL were flagged with "J". There is a possibility of false positive or mis-identification at these quantitation levels. In analytical methods requiring confirmation of the analyte reported, confirmation was performed only down to the standard reporting limit (SRL). The acceptance criteria for QC samples may not be met at these quantitation levels.

The matrix spike/matrix spike duplicate(s) for batch(es) 8080159 and 8081078 had recoveries outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

There were no client requested Matrix Spike/Matrix Spike Duplicate (MS/MSD) samples in batch(es) 8076022 and 8078289. Therefore, the laboratory has included a Laboratory Control Sample Duplicate (LCSD) in the QC batch. The LCSD recoveries, together with the LCS recoveries, are used to determine the reproducibility (precision) of the analytical system.

CASE NARRATIVE (continued)

PURGEABLE PETROLEUM HYDROCARBONS-8015 (continued)

The closing calibration associated with sample(s) GW-031108-JH-006 failed acceptance criteria high. Since the sample was non-detect (ND), the data has been reported.

QUALITY CONTROL ELEMENTS NARRATIVE

TestAmerica North Canton conducts a quality assurance/quality control (QA/QC) program designed to provide scientifically valid and legally defensible data. Toward this end, several types of quality control indicators are incorporated into the QA/QC program, which is described in detail in QA Policy, QA-003. These indicators are introduced into the sample testing process to provide a mechanism for the assessment of the analytical data.

QC BATCH

Environmental samples are taken through the testing process in groups called QUALITY CONTROL BATCHES (QC batches). A QC batch contains up to twenty environmental samples of a similar matrix (water, soil) that are processed using the same reagents and standards. TestAmerica North Canton requires that each environmental sample be associated with a QC batch.

Several quality control samples are included in each QC batch and are processed identically to the twenty environmental samples.

For SW846/RCRA methods, QC samples include a METHOD BLANK (MB), a LABORATORY CONTROL SAMPLE (LCS) and, where appropriate, a MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD) pair or a MATRIX SPIKE/SAMPLE DUPLICATE (MS/DU) pair. If there is insufficient sample to perform an MS/MSD or an MS/DU, then a LABORATORY CONTROL SAMPLE DUPLICATE (LCSD) is included in the QC batch.

For 600 series/CWA methods, QC samples include a METHOD BLANK (MB), a LABORATORY CONTROL SAMPLE (LCS) and, where appropriate, a MATRIX SPIKE (MS). An MS is prepared and analyzed at a 10% frequency for GC Methods and at a 5% frequency for GC/MS methods.

LABORATORY CONTROL SAMPLE

The Laboratory Control Sample is a QC sample that is created by adding known concentrations of a full or partial set of target analytes to a matrix similar to that of the environmental samples in the QC batch. Multi peak responders may not be included in the target spike list due to co-elution. The LCS analyte recovery results are used to monitor the analytical process and provide evidence that the laboratory is performing the method within acceptable guidelines. All control analytes indicated by a bold type in the LCS must meet acceptance criteria. Failure to meet the established recovery guidelines requires the reparation and reanalysis of all samples in the QC batch. Comparison of only the failed parameters from the first batch are evaluated. The only exception to the rework requirement is that if the LCS recoveries are biased high and the associated sample is ND (non-detected) for the parameter(s) of interest, the batch is acceptable.

At times, a Laboratory Control Sample Duplicate (LCSD) is also included in the QC batch. An LCSD is a QC sample that is created and handled identically to the LCS. Analyte recovery data from the LCSD is assessed in the same way as that of the LCS. The LCSD recoveries, together with the LCS recoveries, are used to determine the reproducibility (precision) of the analytical system. Precision data are expressed as relative percent differences (RPDs). If the RPD fails for an LCS/LCSD and yet the recoveries are within acceptance criteria, the batch is still acceptable.

METHOD BLANK

The Method Blank is a QC sample consisting of all the reagents used in analyzing the environmental samples contained in the QC batch. Method Blank results are used to determine if interference or contamination in the analytical system could lead to the reporting of false positive data or elevated analyte concentrations. All target analytes must be below the reporting limits (RL) or the associated sample(s) must be ND except under the following circumstances:

- Common organic contaminants may be present at concentrations up to 5 times the reporting limits. Common metals contaminants may be present at concentrations up to 2 times the reporting limit, or the reported blank concentration must be twenty fold less than the concentration reported in the associated environmental samples. (See common laboratory contaminants listed in the table.)

<u>Volatile (GC or GC/MS)</u>	<u>Semivolatile (GC/MS)</u>	<u>Metals ICP-MS</u>	<u>Metals ICP Trace</u>
Methylene Chloride, Acetone, 2-Butanone	Phthalate Esters	Copper, Iron, Zinc, Lead, Calcium, Magnesium, Potassium, Sodium, Barium, Chromium, Manganese	Copper, Iron, Zinc, Lead

QUALITY CONTROL ELEMENTS NARRATIVE (continued)

- Organic blanks will be accepted if compounds detected in the blank are present in the associated samples at levels 10 times the blank level. Inorganic blanks will be accepted if elements detected in the blank are present in the associated samples at 20 times the blank level.
- Blanks will be accepted if the compounds/elements detected are not present in any of the associated environmental samples.

Failure to meet these Method Blank criteria requires the reparation and reanalysis of all samples in the QC batch.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

A Matrix Spike and a Matrix Spike Duplicate are a pair of environmental samples to which known concentrations of a full or partial set of target analytes are added. The MS/MSD results are determined in the same manner as the results of the environmental sample used to prepare the MS/MSD. The analyte recoveries and the relative percent differences (RPDs) of the recoveries are calculated and used to evaluate the effect of the sample matrix on the analytical results. Due to the potential variability of the matrix of each sample, the MS/MSD results may not have an immediate bearing on any samples except the one spiked; therefore, the associated batch MS/MSD may not reflect the same compounds as the samples contained in the analytical report. When these MS/MSD results fail to meet acceptance criteria, the data is evaluated. If the LCS is within acceptance criteria, the batch is considered acceptable.

For certain methods, a Matrix Spike/Sample Duplicate (MS/DU) may be included in the QC batch in place of the MS/MSD. For the parameters (i.e. pH, ignitability) where it is not possible to prepare a spiked sample, a Sample Duplicate may be included in the QC batch. However, a Sample Duplicate is less likely to provide usable precision statistics depending on the likelihood of finding concentrations below the standard reporting limit. When the Sample Duplicate result fails to meet acceptance criteria, the data is evaluated.

For certain methods (600 series methods/CWA), a Matrix Spike is required in place of a Matrix Spike/Matrix Spike Duplicate (MS/MSD) or Matrix Spike/Sample Duplicate (MS/DU).

The acceptance criteria do not apply to samples that are diluted.

SURROGATE COMPOUNDS

In addition to these batch-related QC indicators, each organic environmental and QC sample is spiked with surrogate compounds. Surrogates are organic chemicals that behave similarly to the analytes of interest and that are rarely present in the environment. Surrogate recoveries are used to monitor the individual performance of a sample in the analytical system.

If surrogate recoveries are biased high in the LCS, LCSD, or the Method Blank, and the associated sample(s) are ND, the batch is acceptable. Otherwise, if the LCS, LCSD, or Method Blank surrogate(s) fail to meet recovery criteria, the entire sample batch is reprepared and reanalyzed. If the surrogate recoveries are outside criteria for environmental samples, the samples will be reprepared and reanalyzed unless there is objective evidence of matrix interference or if the sample dilution is greater than the threshold outlined in the associated method SOP.

The acceptance criteria do not apply to samples that are diluted. All other surrogate recoveries will be reported.

For the GC/MS BNA methods, the surrogate criterion is that two of the three surrogates for each fraction must meet acceptance criteria. The third surrogate must have a recovery of ten percent or greater.

For the Pesticide and PCB methods, the surrogate criterion is that one of two surrogate compounds must meet acceptance criteria. The second surrogate must have a recovery of 10% or greater.

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TestAmerica North Canton Certifications and Approvals:

California (#01144CA), Connecticut (#PH-0590), Florida (#E87225), Illinois (#200004), Kansas (#E10336), Minnesota (#39-999-348), New Jersey (#OH001), New York (#10975), OhioVAP (#CL0024), West Virginia (#210), Wisconsin (#999518190), NAVY, ARMY, USDA Soil Permit.

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EXECUTIVE SUMMARY - Detection Highlights

8C12198 : A8C120198

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
GW-031008-JH-001 03/10/08 14:15 001				
TPH (as Gasoline)	30 J,B	100	ug/L	SW846 8015B
GW-031008-JH-002 03/10/08 15:15 002				
TPH (as Gasoline)	33 J,B	100	ug/L	SW846 8015B
GW-031008-JH-003 03/10/08 17:05 003				
TPH (as Gasoline)	30 J,B	100	ug/L	SW846 8015B
GW-031108-JH-004 03/11/08 08:40 004				
TPH (as Gasoline)	32 J,B	100	ug/L	SW846 8015B
GW-031108-JH-005 03/11/08 09:55 005				
TPH (as Gasoline)	33 J,B	100	ug/L	SW846 8015B
Acetone	1.3 J,B	10	ug/L	SW846 8260B
cis-1,2-Dichloroethene	1.1	0.50	ug/L	SW846 8260B
GW-031108-JH-006 03/11/08 10:35 006				
TPH (as Gasoline)	32 J,B	100	ug/L	SW846 8015B
GW-031108-JH-007 03/11/08 11:00 007				
TPH (as Gasoline)	33 J,B	100	ug/L	SW846 8015B
Acetone	3.3 J,B	10	ug/L	SW846 8260B
2-Butanone	0.84 J	10	ug/L	SW846 8260B
GW-031108-JH-008 03/11/08 11:25 008				
TPH (as Gasoline)	34 J,B	100	ug/L	SW846 8015B
Acetone	1.1 J,B	10	ug/L	SW846 8260B
cis-1,2-Dichloroethene	3.9	0.50	ug/L	SW846 8260B
Trichloroethene	0.68 J	1.0	ug/L	SW846 8260B
GW-031108-JH-009 03/11/08 12:45 009				
TPH (as Gasoline)	31 J,B	100	ug/L	SW846 8015B
cis-1,2-Dichloroethene	3.4	0.50	ug/L	SW846 8260B
trans-1,2-Dichloroethene	0.22 J	0.50	ug/L	SW846 8260B
Vinyl chloride	0.45 J	1.0	ug/L	SW846 8260B

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EXECUTIVE SUMMARY - Detection Highlights

8C12198 : A8C120198

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>ANALYTICAL METHOD</u>
GW-031108-JH-010 03/11/08 13:35 010				
TPH (as Gasoline)	31 J,B	100	ug/L	SW846 8015B
GW-031108-JH-011 03/11/08 14:25 011				
TPH (as Gasoline)	33 J,B	100	ug/L	SW846 8015B
Acetone	1.1 J,B	10	ug/L	SW846 8260B
GW-031108-JH-012 03/11/08 14:55 012				
TPH (as Gasoline)	34 J,B	100	ug/L	SW846 8015B
Acetone	1.5 J,B	10	ug/L	SW846 8260B
Carbon disulfide	0.54 J	1.0	ug/L	SW846 8260B
Chlorobenzene	0.27 J	1.0	ug/L	SW846 8260B
GW-031108-JH-013 03/11/08 15:45 013				
TPH (as Gasoline)	31 J,B	100	ug/L	SW846 8015B
Acetone	1.2 J,B	10	ug/L	SW846 8260B
TRIP BLANK-A 03/11/08 014				
Acetone	2.1 J,B	10	ug/L	SW846 8260B
Methylene chloride	0.64 J	1.0	ug/L	SW846 8260B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

8C12198 : A8C130258

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
GW-031108-JH-014 03/11/08 16:50 001				
TPH (as Gasoline)	36 J,B	100	ug/L	SW846 8015B
GW-031208-JH-015 03/12/08 08:40 002				
TPH (as Gasoline)	33 J,B	100	ug/L	SW846 8015B
GW-031208-JH-016 03/12/08 09:20 003				
TPH (as Gasoline)	31 J,B	100	ug/L	SW846 8015B
GW-031208-JH-017 03/12/08 09:50 004				
TPH (as Gasoline)	33 J,B	100	ug/L	SW846 8015B
GW-031208-JH-018 03/12/08 10:25 005				
TPH (as Gasoline)	31 J,B	100	ug/L	SW846 8015B
GW-031208-JH-019 03/12/08 11:10 006				
TPH (as Gasoline)	33 J,B	100	ug/L	SW846 8015B
Acetone	1.1 J,B	10	ug/L	SW846 8260B
GW-031208-JH-020 03/12/08 12:00 007				
TPH (as Gasoline)	210000 B	100000	ug/L	SW846 8015B
Acetone	7700 J,B	50000	ug/L	SW846 8260B
Carbon disulfide	2700 J	5000	ug/L	SW846 8260B
Ethylbenzene	6600	5000	ug/L	SW846 8260B
4-Methyl-2-pentanone	67000	50000	ug/L	SW846 8260B
Toluene	120000	5000	ug/L	SW846 8260B
Xylenes (total)	52000	5000	ug/L	SW846 8260B
GW-031208-JH-021 03/12/08 12:30 008				
TPH (as Gasoline)	360000 B	100000	ug/L	SW846 8015B
Acetone	8000 J,B	50000	ug/L	SW846 8260B
Ethylbenzene	7400	5000	ug/L	SW846 8260B
4-Methyl-2-pentanone	68000	50000	ug/L	SW846 8260B
Toluene	120000	5000	ug/L	SW846 8260B
Xylenes (total)	55000	5000	ug/L	SW846 8260B

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EXECUTIVE SUMMARY - Detection Highlights

8C12198 : A8C130258

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
GW-031208-JH-022 03/12/08 13:05 009				
TPH (as Gasoline)	42 J,B	100	ug/L	SW846 8015B
Carbon disulfide	0.73 J	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	3.8	0.50	ug/L	SW846 8260B
Ethylbenzene	0.26 J	1.0	ug/L	SW846 8260B
Toluene	1.6	1.0	ug/L	SW846 8260B
Vinyl chloride	0.57 J	1.0	ug/L	SW846 8260B
Xylenes (total)	1.6	1.0	ug/L	SW846 8260B
GW-031208-JH-023 03/12/08 13:10 010				
TPH (as Gasoline)	36 J,B	100	ug/L	SW846 8015B
Acetone	3.6 J,B	10	ug/L	SW846 8260B
2-Butanone	1.3 J	10	ug/L	SW846 8260B
GW-031208-JH-024 03/12/08 13:45 011				
TPH (as Gasoline)	38 J,B	100	ug/L	SW846 8015B
GW-031208-JH-025 03/12/08 14:20 012				
TPH (as Gasoline)	38 J,B	100	ug/L	SW846 8015B
Acetone	5.4 J,B	10	ug/L	SW846 8260B
Carbon disulfide	0.90 J	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	0.23 J	0.50	ug/L	SW846 8260B
GW-031208-JH-026 03/12/08 14:50 013				
TPH (as Gasoline)	35 J,B	100	ug/L	SW846 8015B
cis-1,2-Dichloroethene	3.8	0.50	ug/L	SW846 8260B
Tetrachloroethene	0.32 J	1.0	ug/L	SW846 8260B
Trichloroethene	0.70 J	1.0	ug/L	SW846 8260B
GW-031208-JH-027 03/12/08 15:40 014				
TPH (as Gasoline)	34 J,B	100	ug/L	SW846 8015B
TRIP BLANK-B 03/12/08 015				
Acetone	2.3 J,B	10	ug/L	SW846 8260B
Methylene chloride	0.59 J	1.0	ug/L	SW846 8260B

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EXECUTIVE SUMMARY - Detection Highlights

8C12198 : A8C140169

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
GW-031208-JH-028 03/12/08 16:15 001				
TPH (as Gasoline)	36 J,B	100	ug/L	SW846 8015B
Carbon disulfide	1.5	1.0	ug/L	SW846 8260B
GW-031308-JH-029 03/13/08 08:50 002				
TPH (as Gasoline)	45 J,B	100	ug/L	SW846 8015B
cis-1,2-Dichloroethene	20	0.50	ug/L	SW846 8260B
trans-1,2-Dichloroethene	1.7	0.50	ug/L	SW846 8260B
Trichloroethene	0.29 J	1.0	ug/L	SW846 8260B
GW-031308-JH-030 03/13/08 09:25 003				
TPH (as Gasoline)	97 J,B	100	ug/L	SW846 8015B
Acetone	6.0 J,B	25	ug/L	SW846 8260B
cis-1,2-Dichloroethene	80	1.2	ug/L	SW846 8260B
trans-1,2-Dichloroethene	5.7	1.2	ug/L	SW846 8260B
Vinyl chloride	6.2	2.5	ug/L	SW846 8260B
GW-031308-JH-031 03/13/08 09:45 004				
TPH (as Gasoline)	93 J,B	100	ug/L	SW846 8015B
Acetone	5.7 J,B	25	ug/L	SW846 8260B
Carbon disulfide	0.94 J	2.5	ug/L	SW846 8260B
cis-1,2-Dichloroethene	83	1.2	ug/L	SW846 8260B
trans-1,2-Dichloroethene	6.7	1.2	ug/L	SW846 8260B
Vinyl chloride	5.7	2.5	ug/L	SW846 8260B
GW-031308-JH-032 03/13/08 10:25 005				
TPH (as Gasoline)	36 J,B	100	ug/L	SW846 8015B
cis-1,2-Dichloroethene	0.40 J	0.50	ug/L	SW846 8260B
GW-031308-JH-033 03/13/08 11:15 006				
TPH (as Gasoline)	42 J,B	100	ug/L	SW846 8015B
cis-1,2-Dichloroethene	5.7	0.50	ug/L	SW846 8260B
trans-1,2-Dichloroethene	0.21 J	0.50	ug/L	SW846 8260B
Tetrachloroethene	3.5	1.0	ug/L	SW846 8260B
Trichloroethene	0.75 J	1.0	ug/L	SW846 8260B

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EXECUTIVE SUMMARY - Detection Highlights

8C12198 : A8C140169

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
GW-031308-JH-034 03/13/08 11:50 007				
TPH (as Gasoline)	40 J,B	100	ug/L	SW846 8015B
cis-1,2-Dichloroethene	5.8	0.50	ug/L	SW846 8260B
trans-1,2-Dichloroethene	0.19 J	0.50	ug/L	SW846 8260B
Tetrachloroethene	3.5	1.0	ug/L	SW846 8260B
Trichloroethene	0.87 J	1.0	ug/L	SW846 8260B
GW-031308-JH-035 03/13/08 13:40 008				
TPH (as Gasoline)	36 J,B	100	ug/L	SW846 8015B
cis-1,2-Dichloroethene	0.45 J	0.50	ug/L	SW846 8260B
GW-031308-JH-036 03/13/08 13:50 009				
TPH (as Gasoline)	36 J,B	100	ug/L	SW846 8015B
Acetone	3.2 J,B	10	ug/L	SW846 8260B
2-Butanone	0.64 J	10	ug/L	SW846 8260B
GW-031308-JH-037 03/13/08 14:25 010				
TPH (as Gasoline)	36 J,B	100	ug/L	SW846 8015B
cis-1,2-Dichloroethene	0.26 J	0.50	ug/L	SW846 8260B
GW-031308-JH-038 03/13/08 14:40 011				
TPH (as Gasoline)	35 J,B	100	ug/L	SW846 8015B
cis-1,2-Dichloroethene	0.28 J	0.50	ug/L	SW846 8260B
GW-031308-JH-039 03/13/08 15:10 012				
TPH (as Gasoline)	35 J,B	100	ug/L	SW846 8015B
TRIP BLANK-C 03/13/08 013				
Acetone	2.3 J,B	10	ug/L	SW846 8260B
Methylene chloride	0.72 J	1.0	ug/L	SW846 8260B

ANALYTICAL METHODS SUMMARY

8C12198

<u>PARAMETER</u>	<u>ANALYTICAL METHOD</u>
Volatile Organics by GC/MS	SW846 8260B
Volatile Petroleum Hydrocarbons	SW846 8015B

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

8C12198 : A8C120198

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KJE3Q	001	GW-031008-JH-001	03/10/08	14:15
KJE36	002	GW-031008-JH-002	03/10/08	15:15
KJE4A	003	GW-031008-JH-003	03/10/08	17:05
KJE4E	004	GW-031108-JH-004	03/11/08	08:40
KJE4F	005	GW-031108-JH-005	03/11/08	09:55
KJE4G	006	GW-031108-JH-006	03/11/08	10:35
KJE4H	007	GW-031108-JH-007	03/11/08	11:00
KJE4K	008	GW-031108-JH-008	03/11/08	11:25
KJE4Q	009	GW-031108-JH-009	03/11/08	12:45
KJE4R	010	GW-031108-JH-010	03/11/08	13:35
KJE4T	011	GW-031108-JH-011	03/11/08	14:25
KJE4V	012	GW-031108-JH-012	03/11/08	14:55
KJE4W	013	GW-031108-JH-013	03/11/08	15:45
KJE4O	014	TRIP BLANK-A	03/11/08	

NOTE (S) :

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

(Continued on next page)

SAMPLE SUMMARY

8C12198 : A8C130258

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KJHW2	001	GW-031108-JH-014	03/11/08	16:50
KJHW5	002	GW-031208-JH-015	03/12/08	08:40
KJHW6	003	GW-031208-JH-016	03/12/08	09:20
KJHW7	004	GW-031208-JH-017	03/12/08	09:50
KJHW8	005	GW-031208-JH-018	03/12/08	10:25
KJHW9	006	GW-031208-JH-019	03/12/08	11:10
KJHXC	007	GW-031208-JH-020	03/12/08	12:00
KJHXE	008	GW-031208-JH-021	03/12/08	12:30
KJHXG	009	GW-031208-JH-022	03/12/08	13:05
KJHXH	010	GW-031208-JH-023	03/12/08	13:10
KJHXK	011	GW-031208-JH-024	03/12/08	13:45
KJHXL	012	GW-031208-JH-025	03/12/08	14:20
KJHXR	013	GW-031208-JH-026	03/12/08	14:50
KJHX2	014	GW-031208-JH-027	03/12/08	15:40
KJHX5	015	TRIP BLANK-B	03/12/08	

NOTE (S) :

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

(Continued on next page)

SAMPLE SUMMARY

8C12198 : A8C140169

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KJK8W	001	GW-031208-JH-028	03/12/08	16:15
KJK84	002	GW-031308-JH-029	03/13/08	08:50
KJK89	003	GW-031308-JH-030	03/13/08	09:25
KJK9A	004	GW-031308-JH-031	03/13/08	09:45
KJK9C	005	GW-031308-JH-032	03/13/08	10:25
KJK9E	006	GW-031308-JH-033	03/13/08	11:15
KJK9F	007	GW-031308-JH-034	03/13/08	11:50
KJK9G	008	GW-031308-JH-035	03/13/08	13:40
KJK9H	009	GW-031308-JH-036	03/13/08	13:50
KJK9L	010	GW-031308-JH-037	03/13/08	14:25
KJK9M	011	GW-031308-JH-038	03/13/08	14:40
KJK9P	012	GW-031308-JH-039	03/13/08	15:10
KJK9Q	013	TRIP BLANK-C	03/13/08	

NOTE (S) :

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031008-JH-001

GC/MS Volatiles

Lot-Sample #...: A8C120198-001 Work Order #...: KJE3Q1AA Matrix.....: WG
 Date Sampled...: 03/10/08 14:15 Date Received...: 03/12/08
 Prep Date.....: 03/19/08 Analysis Date...: 03/19/08
 Prep Batch #...: 8079198
 Dilution Factor: 1 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.18
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	0.50	ug/L	0.17
trans-1,2-Dichloroethene	ND	0.50	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Methylene chloride	ND	1.0	ug/L	0.33
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Styrene	ND	1.0	ug/L	0.11
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	1.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	95	(73 - 122)
1,2-Dichloroethane-d4	101	(61 - 128)
Toluene-d8	88	(76 - 110)
4-Bromofluorobenzene	84	(74 - 116)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031008-JH-001

GC Volatiles

Lot-Sample #....: A8C120198-001 Work Order #....: KJE3Q1AC Matrix.....: WG
Date Sampled...: 03/10/08 14:15 Date Received...: 03/12/08
Prep Date.....: 03/13/08 Analysis Date...: 03/13/08
Prep Batch #....: 8074323
Dilution Factor: 1 Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
TPH (as Gasoline)	30 J,B	100	ug/L	28

<u>SURROGATE</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>RECOVERY</u> <u>LIMITS</u>
Trifluorotoluene	80	(10 - 150)

NOTE(S) :

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031008-JH-002

GC/MS Volatiles

Lot-Sample #....: A8C120198-002 Work Order #....: KJE361AA Matrix.....: WG
 Date Sampled...: 03/10/08 15:15 Date Received...: 03/12/08
 Prep Date.....: 03/19/08 Analysis Date...: 03/19/08
 Prep Batch #....: 8079198
 Dilution Factor: 1 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.18
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	0.50	ug/L	0.17
trans-1,2-Dichloroethene	ND	0.50	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Methylene chloride	ND	1.0	ug/L	0.33
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Styrene	ND	1.0	ug/L	0.11
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	1.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	98	(73 - 122)
1,2-Dichloroethane-d4	102	(61 - 128)
Toluene-d8	90	(76 - 110)
4-Bromofluorobenzene	84	(74 - 116)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031008-JH-002

GC Volatiles

Lot-Sample #....: A8C120198-002 Work Order #....: KJE361AE Matrix.....: WG
Date Sampled...: 03/10/08 15:15 Date Received...: 03/12/08
Prep Date.....: 03/13/08 Analysis Date...: 03/13/08
Prep Batch #....: 8074323
Dilution Factor: 1 Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
TPH (as Gasoline)	33 J,B	100	ug/L	28

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Trifluorotoluene	78	(10 - 150)

NOTE(S) :

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031008-JH-003

GC/MS Volatiles

Lot-Sample #....: A8C120198-003 Work Order #....: KJE4A1AA Matrix.....: WG
 Date Sampled...: 03/10/08 17:05 Date Received...: 03/12/08
 Prep Date.....: 03/19/08 Analysis Date...: 03/19/08
 Prep Batch #....: 8079198
 Dilution Factor: 1 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.18
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	0.50	ug/L	0.17
trans-1,2-Dichloroethene	ND	0.50	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Methylene chloride	ND	1.0	ug/L	0.33
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Styrene	ND	1.0	ug/L	0.11
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	1.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	96	(73 - 122)
1,2-Dichloroethane-d4	100	(61 - 128)
Toluene-d8	93	(76 - 110)
4-Bromofluorobenzene	88	(74 - 116)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031008-JH-003

GC Volatiles

Lot-Sample #....: A8C120198-003 Work Order #....: KJE4A1AC Matrix.....: WG
Date Sampled...: 03/10/08 17:05 Date Received...: 03/12/08
Prep Date.....: 03/13/08 Analysis Date...: 03/13/08
Prep Batch #....: 8074323
Dilution Factor: 1 Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
TPH (as Gasoline)	30 J,B	100	ug/L	28

<u>SURROGATE</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>RECOVERY</u> <u>LIMITS</u>
Trifluorotoluene	76	(10 - 150)

NOTE (S) :

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031108-JH-004

GC/MS Volatiles

Lot-Sample #....: A8C120198-004 Work Order #....: KJE4E1AA Matrix.....: WG
 Date Sampled....: 03/11/08 08:40 Date Received...: 03/12/08
 Prep Date.....: 03/19/08 Analysis Date...: 03/19/08
 Prep Batch #....: 8079198
 Dilution Factor: 1 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.18
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	0.50	ug/L	0.17
trans-1,2-Dichloroethene	ND	0.50	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Methylene chloride	ND	1.0	ug/L	0.33
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Styrene	ND	1.0	ug/L	0.11
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	1.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(73 - 122)
1,2-Dichloroethane-d4	104	(61 - 128)
Toluene-d8	90	(76 - 110)
4-Bromofluorobenzene	88	(74 - 116)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031108-JH-004

GC Volatiles

Lot-Sample #....: A8C120198-004 Work Order #....: KJE4E1AC Matrix.....: WG
Date Sampled...: 03/11/08 08:40 Date Received...: 03/12/08
Prep Date.....: 03/13/08 Analysis Date...: 03/13/08
Prep Batch #....: 8074323
Dilution Factor: 1 Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
TPH (as Gasoline)	32 J,B	100	ug/L	28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Trifluorotoluene	67	(10 - 150)

NOTE(S) :

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031108-JH-005

GC/MS Volatiles

Lot-Sample #....: A8C120198-005 Work Order #....: KJE4F1AA Matrix.....: WG
 Date Sampled....: 03/11/08 09:55 Date Received...: 03/12/08
 Prep Date.....: 03/19/08 Analysis Date...: 03/19/08
 Prep Batch #....: 8079198
 Dilution Factor: 1 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	1.3 J,B	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.18
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	1.1	0.50	ug/L	0.17
trans-1,2-Dichloroethene	ND	0.50	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Methylene chloride	ND	1.0	ug/L	0.33
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Styrene	ND	1.0	ug/L	0.11
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	1.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	98	(73 - 122)
1,2-Dichloroethane-d4	101	(61 - 128)
Toluene-d8	87	(76 - 110)
4-Bromofluorobenzene	81	(74 - 116)

(Continued on next page)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031108-JH-005

GC/MS Volatiles

Lot-Sample #...: A8C120198-005 Work Order #...: KJE4F1AA Matrix.....: WG

NOTE(S) :

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031108-JH-005

GC Volatiles

Lot-Sample #....: A8C120198-005 Work Order #....: KJE4F1AC Matrix.....: WG
Date Sampled...: 03/11/08 09:55 Date Received...: 03/12/08
Prep Date.....: 03/13/08 Analysis Date...: 03/13/08
Prep Batch #....: 8074323
Dilution Factor: 1 Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
TPH (as Gasoline)	33 J,B	100	ug/L	28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Trifluorotoluene	79	(10 - 150)

NOTE (S) :

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031108-JH-006

GC/MS Volatiles

Lot-Sample #....: A8C120198-006 Work Order #....: KJE4G1AA Matrix.....: WG
 Date Sampled...: 03/11/08 10:35 Date Received...: 03/12/08
 Prep Date.....: 03/19/08 Analysis Date...: 03/19/08
 Prep Batch #....: 8079198
 Dilution Factor: 1 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.18
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	0.50	ug/L	0.17
trans-1,2-Dichloroethene	ND	0.50	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Methylene chloride	ND	1.0	ug/L	0.33
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Styrene	ND	1.0	ug/L	0.11
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	1.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(73 - 122)
1,2-Dichloroethane-d4	103	(61 - 128)
Toluene-d8	89	(76 - 110)
4-Bromofluorobenzene	83	(74 - 116)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031108-JH-006

GC Volatiles

Lot-Sample #...: A8C120198-006 Work Order #...: KJE4G1AC Matrix.....: WG
Date Sampled...: 03/11/08 10:35 Date Received...: 03/12/08
Prep Date.....: 03/13/08 Analysis Date...: 03/13/08
Prep Batch #...: 8074323
Dilution Factor: 1 Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
TPH (as Gasoline)	32 J,B	100	ug/L	28

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Trifluorotoluene	81	(10 - 150)

NOTE(S) :

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031108-JH-007

GC/MS Volatiles

Lot-Sample #....: A8C120198-007 Work Order #....: KJE4H1AA Matrix.....: WQ
 Date Sampled...: 03/11/08 11:00 Date Received...: 03/12/08
 Prep Date.....: 03/19/08 Analysis Date...: 03/19/08
 Prep Batch #....: 8079198
 Dilution Factor: 1 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	3.3 J,B	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	0.84 J	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.18
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	0.50	ug/L	0.17
trans-1,2-Dichloroethene	ND	0.50	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Methylene chloride	ND	1.0	ug/L	0.33
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Styrene	ND	1.0	ug/L	0.11
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	1.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	98	(73 - 122)
1,2-Dichloroethane-d4	103	(61 - 128)
Toluene-d8	86	(76 - 110)
4-Bromofluorobenzene	83	(74 - 116)

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031108-JH-007

GC/MS Volatiles

Lot-Sample #...: A8C120198-007 Work Order #...: KJE4H1AA Matrix.....: WQ

NOTE(S) :

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031108-JH-007

GC Volatiles

Lot-Sample #....: A8C120198-007 Work Order #....: KJE4H1AC Matrix.....: WQ
Date Sampled....: 03/11/08 11:00 Date Received...: 03/12/08
Prep Date.....: 03/13/08 Analysis Date...: 03/13/08
Prep Batch #....: 8074323
Dilution Factor: 1 Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
TPH (as Gasoline)	33 J,B	100	ug/L	28

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Trifluorotoluene	80	(10 - 150)

NOTE(S) :

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031108-JH-008

GC/MS Volatiles

Lot-Sample #....: A8C120198-008 Work Order #....: KJE4K1AA Matrix.....: WG
 Date Sampled....: 03/11/08 11:25 Date Received...: 03/12/08
 Prep Date.....: 03/19/08 Analysis Date...: 03/19/08
 Prep Batch #....: 8079198
 Dilution Factor: 1 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	1.1 J,B	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.18
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	3.9	0.50	ug/L	0.17
trans-1,2-Dichloroethene	ND	0.50	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Methylene chloride	ND	1.0	ug/L	0.33
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Styrene	ND	1.0	ug/L	0.11
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	0.68 J	1.0	ug/L	0.17
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	1.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(73 - 122)
1,2-Dichloroethane-d4	101	(61 - 128)
Toluene-d8	92	(76 - 110)
4-Bromofluorobenzene	86	(74 - 116)

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031108-JH-008

GC/MS Volatiles

Lot-Sample #....: A8C120198-008 Work Order #....: KJE4K1AA Matrix.....: WG

NOTE(S) :

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031108-JH-008

GC Volatiles

Lot-Sample #....: A8C120198-008 Work Order #....: KJE4K1AC Matrix.....: WG
Date Sampled....: 03/11/08 11:25 Date Received...: 03/12/08
Prep Date.....: 03/13/08 Analysis Date...: 03/13/08
Prep Batch #....: 8074323
Dilution Factor: 1 Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
TPH (as Gasoline)	34 J,B	100	ug/L	28

<u>SURROGATE</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>RECOVERY</u> <u>LIMITS</u>
Trifluorotoluene	78	(10 - 150)

NOTE(S) :

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031108-JH-009

GC/MS Volatiles

Lot-Sample #...: A8C120198-009 Work Order #...: KJE4Q1AA Matrix.....: WG
 Date Sampled...: 03/11/08 12:45 Date Received...: 03/12/08
 Prep Date.....: 03/19/08 Analysis Date...: 03/19/08
 Prep Batch #...: 8079198
 Dilution Factor: 1 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.18
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	3.4	0.50	ug/L	0.17
trans-1,2-Dichloroethene	0.22 J	0.50	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Methylene chloride	ND	1.0	ug/L	0.33
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Styrene	ND	1.0	ug/L	0.11
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Vinyl chloride	0.45 J	1.0	ug/L	0.22
Xylenes (total)	ND	1.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	99	(73 - 122)
1,2-Dichloroethane-d4	102	(61 - 128)
Toluene-d8	90	(76 - 110)
4-Bromofluorobenzene	84	(74 - 116)

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031108-JH-009

GC/MS Volatiles

Lot-Sample #...: A8C120198-009 Work Order #...: KJE4Q1AA Matrix.....: WG

NOTE(S) :

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031108-JH-009

GC Volatiles

Lot-Sample #....: A8C120198-009 Work Order #....: KJE4Q1AC Matrix.....: WG
Date Sampled...: 03/11/08 12:45 Date Received...: 03/12/08
Prep Date.....: 03/13/08 Analysis Date...: 03/13/08
Prep Batch #....: 8074323
Dilution Factor: 1 Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
TPH (as Gasoline)	31 J,B	100	ug/L	28

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Trifluorotoluene	82	(10 - 150)

NOTE(S) :

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031108-JH-010

GC/MS Volatiles

Lot-Sample #....: A8C120198-010 Work Order #....: KJE4R1AA Matrix.....: WG
 Date Sampled....: 03/11/08 13:35 Date Received...: 03/12/08
 Prep Date.....: 03/19/08 Analysis Date...: 03/19/08
 Prep Batch #....: 8079198
 Dilution Factor: 1 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.18
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	0.50	ug/L	0.17
trans-1,2-Dichloroethene	ND	0.50	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Methylene chloride	ND	1.0	ug/L	0.33
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Styrene	ND	1.0	ug/L	0.11
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	1.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	99	(73 - 122)
1,2-Dichloroethane-d4	105	(61 - 128)
Toluene-d8	89	(76 - 110)
4-Bromofluorobenzene	83	(74 - 116)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031108-JH-010

GC Volatiles

Lot-Sample #....: A8C120198-010 Work Order #....: KJE4R1AC Matrix.....: WG
Date Sampled....: 03/11/08 13:35 Date Received...: 03/12/08
Prep Date.....: 03/13/08 Analysis Date...: 03/13/08
Prep Batch #....: 8074323
Dilution Factor: 1 Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
TPH (as Gasoline)	31 J,B	100	ug/L	28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Trifluorotoluene	81	(10 - 150)

NOTE(S) :

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031108-JH-011

GC/MS Volatiles

Lot-Sample #....: A8C120198-011 Work Order #....: KJE4T1AA Matrix.....: WG
 Date Sampled....: 03/11/08 14:25 Date Received...: 03/12/08
 Prep Date.....: 03/19/08 Analysis Date...: 03/19/08
 Prep Batch #....: 8079198
 Dilution Factor: 1 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	1.1 J,B	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.18
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	0.50	ug/L	0.17
trans-1,2-Dichloroethene	ND	0.50	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Methylene chloride	ND	1.0	ug/L	0.33
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Styrene	ND	1.0	ug/L	0.11
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	1.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	100	(73 - 122)
1,2-Dichloroethane-d4	103	(61 - 128)
Toluene-d8	89	(76 - 110)
4-Bromofluorobenzene	86	(74 - 116)

(Continued on next page)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031108-JH-011

GC/MS Volatiles

Lot-Sample #....: A8C120198-011 Work Order #....: KJE4T1AA Matrix.....: WG

NOTE(S) :

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031108-JH-011

GC Volatiles

Lot-Sample #...: A8C120198-011 Work Order #...: KJE4T1AC Matrix.....: WG
Date Sampled...: 03/11/08 14:25 Date Received...: 03/12/08
Prep Date.....: 03/14/08 Analysis Date...: 03/14/08
Prep Batch #...: 8074323
Dilution Factor: 1 Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
TPH (as Gasoline)	33 J,B	100	ug/L	28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Trifluorotoluene	80	(10 - 150)

NOTE(S) :

- J Estimated result. Result is less than RL.
B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031108-JH-012

GC/MS Volatiles

Lot-Sample #....: A8C120198-012 Work Order #....: KJE4V1AA Matrix.....: WG
 Date Sampled....: 03/11/08 14:55 Date Received...: 03/12/08
 Prep Date.....: 03/19/08 Analysis Date...: 03/19/08
 Prep Batch #....: 8079198
 Dilution Factor: 1 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	1.5 J,B	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	0.54 J	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	0.27 J	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.18
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	0.50	ug/L	0.17
trans-1,2-Dichloroethene	ND	0.50	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Methylene chloride	ND	1.0	ug/L	0.33
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Styrene	ND	1.0	ug/L	0.11
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	1.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	98	(73 - 122)
1,2-Dichloroethane-d4	100	(61 - 128)
Toluene-d8	89	(76 - 110)
4-Bromofluorobenzene	87	(74 - 116)

(Continued on next page)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031108-JH-012

GC/MS Volatiles

Lot-Sample #....: A8C120198-012 Work Order #....: KJE4V1AA Matrix.....: WG

NOTE(S) :

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031108-JH-012

GC Volatiles

Lot-Sample #....: A8C120198-012 Work Order #....: KJE4V1AC Matrix.....: WG
Date Sampled...: 03/11/08 14:55 Date Received...: 03/12/08
Prep Date.....: 03/14/08 Analysis Date...: 03/14/08
Prep Batch #....: 8074323
Dilution Factor: 1 Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
TPH (as Gasoline)	34 J,B	100	ug/L	28

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Trifluorotoluene	83	(10 - 150)

NOTE(S) :

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031108-JH-013

GC/MS Volatiles

Lot-Sample #....: A8C120198-013 Work Order #....: KJE4W1AA Matrix.....: WG
 Date Sampled....: 03/11/08 15:45 Date Received...: 03/12/08
 Prep Date.....: 03/19/08 Analysis Date...: 03/19/08
 Prep Batch #....: 8079198
 Dilution Factor: 1 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	1.2 J,B	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.18
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	0.50	ug/L	0.17
trans-1,2-Dichloroethene	ND	0.50	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Methylene chloride	ND	1.0	ug/L	0.33
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Styrene	ND	1.0	ug/L	0.11
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	1.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	96	(73 - 122)
1,2-Dichloroethane-d4	102	(61 - 128)
Toluene-d8	90	(76 - 110)
4-Bromofluorobenzene	86	(74 - 116)

(Continued on next page)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031108-JH-013

GC/MS Volatiles

Lot-Sample #...: A8C120198-013 Work Order #...: KJE4W1AA Matrix.....: WG

NOTE(S) :

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031108-JH-013

GC Volatiles

Lot-Sample #....: A8C120198-013 Work Order #....: KJE4W1AC Matrix.....: WG
Date Sampled....: 03/11/08 15:45 Date Received...: 03/12/08
Prep Date.....: 03/14/08 Analysis Date...: 03/14/08
Prep Batch #....: 8074323
Dilution Factor: 1 Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
TPH (as Gasoline)	31 J,B	100	ug/L	28

<u>SURROGATE</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>RECOVERY</u> <u>LIMITS</u>
Trifluorotoluene	69	(10 - 150)

NOTE(S) :

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: TRIP BLANK-A

GC/MS Volatiles

Lot-Sample #....: A8C120198-014 Work Order #....: KJE401AA Matrix.....: WQ
 Date Sampled...: 03/11/08 Date Received...: 03/12/08
 Prep Date.....: 03/19/08 Analysis Date...: 03/19/08
 Prep Batch #....: 8079198
 Dilution Factor: 1 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	2.1 J,B	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.18
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	0.50	ug/L	0.17
trans-1,2-Dichloroethene	ND	0.50	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Methylene chloride	0.64 J	1.0	ug/L	0.33
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Styrene	ND	1.0	ug/L	0.11
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	1.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	93	(73 - 122)
1,2-Dichloroethane-d4	102	(61 - 128)
Toluene-d8	90	(76 - 110)
4-Bromofluorobenzene	83	(74 - 116)

(Continued on next page)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: TRIP BLANK-A

GC/MS Volatiles

Lot-Sample #....: A8C120198-014 Work Order #....: KJE401AA Matrix.....: WQ

NOTE(S) :

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031108-JH-014

GC/MS Volatiles

Lot-Sample #....: A8C130258-001 Work Order #....: KJHW21AA Matrix.....: WG
 Date Sampled....: 03/11/08 16:50 Date Received...: 03/13/08
 Prep Date.....: 03/19/08 Analysis Date...: 03/19/08
 Prep Batch #....: 8080260
 Dilution Factor: 1 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.18
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	0.50	ug/L	0.17
trans-1,2-Dichloroethene	ND	0.50	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Methylene chloride	ND	1.0	ug/L	0.33
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Styrene	ND	1.0	ug/L	0.11
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	1.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(73 - 122)
1,2-Dichloroethane-d4	98	(61 - 128)
Toluene-d8	90	(76 - 110)
4-Bromofluorobenzene	91	(74 - 116)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031108-JH-014

GC Volatiles

Lot-Sample #....: A8C130258-001 Work Order #....: KJHW21AC Matrix.....: WG
Date Sampled...: 03/11/08 16:50 Date Received...: 03/13/08
Prep Date.....: 03/14/08 Analysis Date...: 03/15/08
Prep Batch #....: 8076022
Dilution Factor: 1 Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
TPH (as Gasoline)	36 J,B	100	ug/L	28

<u>SURROGATE</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>RECOVERY</u> <u>LIMITS</u>
Trifluorotoluene	80	(10 - 150)

NOTE (S) :

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031208-JH-015

GC/MS Volatiles

Lot-Sample #...: A8C130258-002 Work Order #...: KJHW51AA Matrix.....: WG
 Date Sampled...: 03/12/08 08:40 Date Received...: 03/13/08
 Prep Date.....: 03/19/08 Analysis Date...: 03/19/08
 Prep Batch #...: 8080260
 Dilution Factor: 1 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.18
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	0.50	ug/L	0.17
trans-1,2-Dichloroethene	ND	0.50	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Methylene chloride	ND	1.0	ug/L	0.33
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Styrene	ND	1.0	ug/L	0.11
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	1.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	96	(73 - 122)
1,2-Dichloroethane-d4	98	(61 - 128)
Toluene-d8	93	(76 - 110)
4-Bromofluorobenzene	92	(74 - 116)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031208-JH-015

GC Volatiles

Lot-Sample #....: A8C130258-002 Work Order #....: KJHW51AC Matrix.....: WG
Date Sampled....: 03/12/08 08:40 Date Received...: 03/13/08
Prep Date.....: 03/14/08 Analysis Date...: 03/15/08
Prep Batch #....: 8076022
Dilution Factor: 1 Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
TPH (as Gasoline)	33 J,B	100	ug/L	28

<u>SURROGATE</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>RECOVERY</u> <u>LIMITS</u>
Trifluorotoluene	79	(10 - 150)

NOTE(S) :

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031208-JH-016

GC/MS Volatiles

Lot-Sample #....: A8C130258-003 Work Order #....: KJHW61AA Matrix.....: WG
 Date Sampled....: 03/12/08 09:20 Date Received...: 03/13/08
 Prep Date.....: 03/19/08 Analysis Date...: 03/19/08
 Prep Batch #....: 8080260
 Dilution Factor: 1 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.18
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	0.50	ug/L	0.17
trans-1,2-Dichloroethene	ND	0.50	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Methylene chloride	ND	1.0	ug/L	0.33
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Styrene	ND	1.0	ug/L	0.11
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	1.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	93	(73 - 122)
1,2-Dichloroethane-d4	98	(61 - 128)
Toluene-d8	91	(76 - 110)
4-Bromofluorobenzene	87	(74 - 116)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031208-JH-016

GC Volatiles

Lot-Sample #...: A8C130258-003 Work Order #...: KJHW61AC Matrix.....: WG
Date Sampled...: 03/12/08 09:20 Date Received...: 03/13/08
Prep Date.....: 03/14/08 Analysis Date...: 03/15/08
Prep Batch #...: 8076022
Dilution Factor: 1 Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
TPH (as Gasoline)	31 J,B	100	ug/L	28

<u>SURROGATE</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>RECOVERY</u> <u>LIMITS</u>
Trifluorotoluene	77	(10 - 150)

NOTE(S) :

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031208-JH-017

GC/MS Volatiles

Lot-Sample #....: A8C130258-004 Work Order #....: KJHW71AA Matrix.....: WG
 Date Sampled....: 03/12/08 09:50 Date Received...: 03/13/08
 Prep Date.....: 03/20/08 Analysis Date...: 03/20/08
 Prep Batch #....: 8080260
 Dilution Factor: 1 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.18
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	0.50	ug/L	0.17
trans-1,2-Dichloroethene	ND	0.50	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Methylene chloride	ND	1.0	ug/L	0.33
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Styrene	ND	1.0	ug/L	0.11
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	1.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(73 - 122)
1,2-Dichloroethane-d4	101	(61 - 128)
Toluene-d8	91	(76 - 110)
4-Bromofluorobenzene	88	(74 - 116)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031208-JH-017

GC Volatiles

Lot-Sample #...: A8C130258-004 Work Order #...: KJHW71AC Matrix.....: WG
Date Sampled...: 03/12/08 09:50 Date Received...: 03/13/08
Prep Date.....: 03/14/08 Analysis Date...: 03/15/08
Prep Batch #...: 8076022
Dilution Factor: 1 Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
TPH (as Gasoline)	33 J,B	100	ug/L	28

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Trifluorotoluene	77	(10 - 150)

NOTE(S) :

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031208-JH-018

GC/MS Volatiles

Lot-Sample #....: A8C130258-005 Work Order #....: KJHW81AA Matrix.....: WG
 Date Sampled...: 03/12/08 10:25 Date Received...: 03/13/08
 Prep Date.....: 03/20/08 Analysis Date...: 03/20/08
 Prep Batch #....: 8080260
 Dilution Factor: 1 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.18
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	0.50	ug/L	0.17
trans-1,2-Dichloroethene	ND	0.50	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Methylene chloride	ND	1.0	ug/L	0.33
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Styrene	ND	1.0	ug/L	0.11
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	1.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	101	(73 - 122)
1,2-Dichloroethane-d4	102	(61 - 128)
Toluene-d8	90	(76 - 110)
4-Bromofluorobenzene	88	(74 - 116)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031208-JH-018

GC Volatiles

Lot-Sample #....: A8C130258-005 Work Order #....: KJHW81AC Matrix.....: WG
Date Sampled...: 03/12/08 10:25 Date Received...: 03/13/08
Prep Date.....: 03/14/08 Analysis Date...: 03/15/08
Prep Batch #....: 8076022
Dilution Factor: 1 Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
TPH (as Gasoline)	31 J,B	100	ug/L	28

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Trifluorotoluene	82	(10 - 150)

NOTE(S) :

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031208-JH-019

GC/MS Volatiles

Lot-Sample #....: A8C130258-006 Work Order #....: KJHW91AA Matrix.....: WG
 Date Sampled....: 03/12/08 11:10 Date Received...: 03/13/08
 Prep Date.....: 03/20/08 Analysis Date...: 03/20/08
 Prep Batch #....: 8080260
 Dilution Factor: 1 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	1.1 J,B	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.18
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	0.50	ug/L	0.17
trans-1,2-Dichloroethene	ND	0.50	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Methylene chloride	ND	1.0	ug/L	0.33
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Styrene	ND	1.0	ug/L	0.11
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	1.0	ug/L	0.28
SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS		
Dibromofluoromethane	97	(73 - 122)		
1,2-Dichloroethane-d4	98	(61 - 128)		
Toluene-d8	88	(76 - 110)		
4-Bromofluorobenzene	86	(74 - 116)		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031208-JH-019

GC/MS Volatiles

Lot-Sample #...: A8C130258-006 Work Order #...: KJHW91AA Matrix.....: WG

NOTE(S) :

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031208-JH-019

GC Volatiles

Lot-Sample #....: A8C130258-006 Work Order #....: KJHW91AC Matrix.....: WG
Date Sampled...: 03/12/08 11:10 Date Received...: 03/13/08
Prep Date.....: 03/14/08 Analysis Date...: 03/15/08
Prep Batch #....: 8076022
Dilution Factor: 1 Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
TPH (as Gasoline)	33 J,B	100	ug/L	28

<u>SURROGATE</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>RECOVERY</u> <u>LIMITS</u>
Trifluorotoluene	78	(10 - 150)

NOTE(S) :

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031208-JH-020

GC/MS Volatiles

Lot-Sample #....: A8C130258-007 Work Order #....: KJHXC1AA Matrix.....: WG
 Date Sampled....: 03/12/08 12:00 Date Received...: 03/13/08
 Prep Date.....: 03/19/08 Analysis Date...: 03/19/08
 Prep Batch #....: 8080147
 Dilution Factor: 5000 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	7700 J,B	50000	ug/L	5500
Benzene	ND	5000	ug/L	650
Bromodichloromethane	ND	5000	ug/L	750
Bromoform	ND	5000	ug/L	3200
Bromomethane	ND	5000	ug/L	2000
2-Butanone	ND	50000	ug/L	2800
Carbon disulfide	2700 J	5000	ug/L	650
Carbon tetrachloride	ND	5000	ug/L	650
Chlorobenzene	ND	5000	ug/L	750
Chloroethane	ND	5000	ug/L	1400
Chloroform	ND	5000	ug/L	800
Chloromethane	ND	5000	ug/L	1500
Dibromochloromethane	ND	5000	ug/L	900
1,1-Dichloroethane	ND	5000	ug/L	750
1,2-Dichloroethane	ND	5000	ug/L	1100
1,1-Dichloroethene	ND	5000	ug/L	950
cis-1,2-Dichloroethene	ND	2500	ug/L	850
trans-1,2-Dichloroethene	ND	2500	ug/L	950
1,2-Dichloropropane	ND	5000	ug/L	900
cis-1,3-Dichloropropene	ND	5000	ug/L	700
trans-1,3-Dichloropropene	ND	5000	ug/L	950
Ethylbenzene	6600	5000	ug/L	850
2-Hexanone	ND	50000	ug/L	2000
Methylene chloride	ND	5000	ug/L	1600
4-Methyl-2-pentanone	67000	50000	ug/L	1600
Styrene	ND	5000	ug/L	550
1,1,2,2-Tetrachloroethane	ND	5000	ug/L	900
Tetrachloroethene	ND	5000	ug/L	1400
Toluene	120000	5000	ug/L	650
1,1,1-Trichloroethane	ND	5000	ug/L	1100
1,1,2-Trichloroethane	ND	5000	ug/L	1400
Trichloroethene	ND	5000	ug/L	850
Vinyl chloride	ND	5000	ug/L	1100
Xylenes (total)	52000	5000	ug/L	1400

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	94	(73 - 122)
1,2-Dichloroethane-d4	100	(61 - 128)
Toluene-d8	92	(76 - 110)
4-Bromofluorobenzene	88	(74 - 116)

(Continued on next page)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031208-JH-020

GC/MS Volatiles

Lot-Sample #....: A8C130258-007 Work Order #....: KJHXC1AA Matrix.....: WG

NOTE(S) :

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031208-JH-020

GC Volatiles

Lot-Sample #...: A8C130258-007 Work Order #...: KJHXC1AC Matrix.....: WG
Date Sampled...: 03/12/08 12:00 Date Received...: 03/13/08
Prep Date.....: 03/18/08 Analysis Date...: 03/18/08
Prep Batch #...: 8079398
Dilution Factor: 1000 Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
TPH (as Gasoline)	210000 B	100000	ug/L	28000

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Trifluorotoluene	77	(10 - 150)

NOTE(S) :

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031208-JH-021

GC/MS Volatiles

Lot-Sample #....: A8C130258-008 Work Order #....: KJHXL1AA Matrix.....: WG
 Date Sampled....: 03/12/08 12:30 Date Received...: 03/13/08
 Prep Date.....: 03/19/08 Analysis Date...: 03/19/08
 Prep Batch #....: 8080147
 Dilution Factor: 5000 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	8000 J,B	50000	ug/L	5500
Benzene	ND	5000	ug/L	650
Bromodichloromethane	ND	5000	ug/L	750
Bromoform	ND	5000	ug/L	3200
Bromomethane	ND	5000	ug/L	2000
2-Butanone	ND	50000	ug/L	2800
Carbon disulfide	ND	5000	ug/L	650
Carbon tetrachloride	ND	5000	ug/L	650
Chlorobenzene	ND	5000	ug/L	750
Chloroethane	ND	5000	ug/L	1400
Chloroform	ND	5000	ug/L	800
Chloromethane	ND	5000	ug/L	1500
Dibromochloromethane	ND	5000	ug/L	900
1,1-Dichloroethane	ND	5000	ug/L	750
1,2-Dichloroethane	ND	5000	ug/L	1100
1,1-Dichloroethene	ND	5000	ug/L	950
cis-1,2-Dichloroethene	ND	2500	ug/L	850
trans-1,2-Dichloroethene	ND	2500	ug/L	950
1,2-Dichloropropane	ND	5000	ug/L	900
cis-1,3-Dichloropropene	ND	5000	ug/L	700
trans-1,3-Dichloropropene	ND	5000	ug/L	950
Ethylbenzene	7400	5000	ug/L	850
2-Hexanone	ND	50000	ug/L	2000
Methylene chloride	ND	5000	ug/L	1600
4-Methyl-2-pentanone	68000	50000	ug/L	1600
Styrene	ND	5000	ug/L	550
1,1,2,2-Tetrachloroethane	ND	5000	ug/L	900
Tetrachloroethene	ND	5000	ug/L	1400
Toluene	120000	5000	ug/L	650
1,1,1-Trichloroethane	ND	5000	ug/L	1100
1,1,2-Trichloroethane	ND	5000	ug/L	1400
Trichloroethene	ND	5000	ug/L	850
Vinyl chloride	ND	5000	ug/L	1100
Xylenes (total)	55000	5000	ug/L	1400
SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS		
Dibromofluoromethane	99	(73 - 122)		
1,2-Dichloroethane-d4	100	(61 - 128)		
Toluene-d8	93	(76 - 110)		
4-Bromofluorobenzene	89	(74 - 116)		

(Continued on next page)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031208-JH-021

GC/MS Volatiles

Lot-Sample #....: A8C130258-008 Work Order #....: KJHXE1AA Matrix.....: WG

NOTE (S) :

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031208-JH-021

GC Volatiles

Lot-Sample #...: A8C130258-008 Work Order #...: KJHXE1AC Matrix.....: WG
Date Sampled...: 03/12/08 12:30 Date Received...: 03/13/08
Prep Date.....: 03/18/08 Analysis Date...: 03/18/08
Prep Batch #...: 8079398
Dilution Factor: 1000 Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
TPH (as Gasoline)	360000 B	100000	ug/L	28000

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Trifluorotoluene	77	(10 - 150)

NOTE(S):

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031208-JH-022

GC/MS Volatiles

Lot-Sample #...: A8C130258-009 Work Order #...: KJHXG1AA Matrix.....: WG
 Date Sampled...: 03/12/08 13:05 Date Received...: 03/13/08
 Prep Date.....: 03/20/08 Analysis Date...: 03/20/08
 Prep Batch #...: 8080260
 Dilution Factor: 1 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	0.73 J	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.18
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	3.8	0.50	ug/L	0.17
trans-1,2-Dichloroethene	ND	0.50	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	0.26 J	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Methylene chloride	ND	1.0	ug/L	0.33
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Styrene	ND	1.0	ug/L	0.11
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	1.6	1.0	ug/L	0.13
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Vinyl chloride	0.57 J	1.0	ug/L	0.22
Xylenes (total)	1.6	1.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	96	(73 - 122)
1,2-Dichloroethane-d4	100	(61 - 128)
Toluene-d8	91	(76 - 110)
4-Bromofluorobenzene	92	(74 - 116)

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031208-JH-022

GC/MS Volatiles

Lot-Sample #...: A8C130258-009 Work Order #...: KJHXG1AA Matrix.....: WG

NOTE(S) :

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031208-JH-022

GC Volatiles

Lot-Sample #...: A8C130258-009 Work Order #...: KJHXG1AC Matrix.....: WG
Date Sampled...: 03/12/08 13:05 Date Received...: 03/13/08
Prep Date.....: 03/18/08 Analysis Date...: 03/18/08
Prep Batch #...: 8079398
Dilution Factor: 1 Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
TPH (as Gasoline)	42 J,B	100	ug/L	28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Trifluorotoluene	78	(10 - 150)

NOTE(S) :

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031208-JH-023

GC/MS Volatiles

Lot-Sample #...: A8C130258-010 Work Order #...: KJHXXH1AA Matrix.....: WG
 Date Sampled...: 03/12/08 13:10 Date Received...: 03/13/08
 Prep Date.....: 03/20/08 Analysis Date...: 03/20/08
 Prep Batch #...: 8080260
 Dilution Factor: 1 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	3.6 J,B	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	1.3 J	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.18
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	0.50	ug/L	0.17
trans-1,2-Dichloroethene	ND	0.50	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Methylene chloride	ND	1.0	ug/L	0.33
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Styrene	ND	1.0	ug/L	0.11
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	1.0	ug/L	0.28
SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS		
Dibromofluoromethane	96	(73 - 122)		
1,2-Dichloroethane-d4	99	(61 - 128)		
Toluene-d8	90	(76 - 110)		
4-Bromofluorobenzene	88	(74 - 116)		

(Continued on next page)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031208-JH-023

GC/MS Volatiles

Lot-Sample #....: A8C130258-010 Work Order #....: KJHXH1AA Matrix.....: WG

NOTE(S) :

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031208-JH-023

GC Volatiles

Lot-Sample #....: A8C130258-010 Work Order #....: KJHXH1AC Matrix.....: WG
Date Sampled...: 03/12/08 13:10 Date Received...: 03/13/08
Prep Date.....: 03/18/08 Analysis Date...: 03/18/08
Prep Batch #....: 8078289
Dilution Factor: 1 Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
TPH (as Gasoline)	36 J,B	100	ug/L	28

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Trifluorotoluene	74	(10 - 150)

NOTE(S) :

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031208-JH-024

GC/MS Volatiles

Lot-Sample #....: A8C130258-011 Work Order #....: KJHKK1AA Matrix.....: WG
 Date Sampled....: 03/12/08 13:45 Date Received...: 03/13/08
 Prep Date.....: 03/20/08 Analysis Date...: 03/20/08
 Prep Batch #....: 8080260
 Dilution Factor: 1 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.18
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	0.50	ug/L	0.17
trans-1,2-Dichloroethene	ND	0.50	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Methylene chloride	ND	1.0	ug/L	0.33
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Styrene	ND	1.0	ug/L	0.11
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	1.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	93	(73 - 122)
1,2-Dichloroethane-d4	100	(61 - 128)
Toluene-d8	94	(76 - 110)
4-Bromofluorobenzene	86	(74 - 116)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031208-JH-024

GC Volatiles

Lot-Sample #...: A8C130258-011 Work Order #...: KJH XK1AC Matrix.....: WG
Date Sampled...: 03/12/08 13:45 Date Received...: 03/13/08
Prep Date.....: 03/18/08 Analysis Date...: 03/18/08
Prep Batch #...: 8078289
Dilution Factor: 1 Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
TPH (as Gasoline)	38 J,B	100	ug/L	28

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Trifluorotoluene	79	(10 - 150)

NOTE(S) :

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031208-JH-025

GC/MS Volatiles

Lot-Sample #....: A8C130258-012 Work Order #....: KJHXL1AA Matrix.....: WG
 Date Sampled...: 03/12/08 14:20 Date Received...: 03/13/08
 Prep Date.....: 03/20/08 Analysis Date...: 03/20/08
 Prep Batch #....: 8080260
 Dilution Factor: 1 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	5.4 J,B	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	0.90 J	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.18
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	0.23 J	0.50	ug/L	0.17
trans-1,2-Dichloroethene	ND	0.50	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Methylene chloride	ND	1.0	ug/L	0.33
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Styrene	ND	1.0	ug/L	0.11
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	1.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	96	(73 - 122)
1,2-Dichloroethane-d4	102	(61 - 128)
Toluene-d8	93	(76 - 110)
4-Bromofluorobenzene	91	(74 - 116)

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031208-JH-025

GC/MS Volatiles

Lot-Sample #...: A8C130258-012 Work Order #...: KJHXL1AA Matrix.....: WG

NOTE(S) :

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031208-JH-025

GC Volatiles

Lot-Sample #...: A8C130258-012 Work Order #...: KJHXL1AC Matrix.....: WG
Date Sampled...: 03/12/08 14:20 Date Received...: 03/13/08
Prep Date.....: 03/18/08 Analysis Date...: 03/18/08
Prep Batch #...: 8078289
Dilution Factor: 1 Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
TPH (as Gasoline)	38 J,B	100	ug/L	28

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Trifluorotoluene	73	(10 - 150)

NOTE(S) :

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031208-JH-026

GC/MS Volatiles

Lot-Sample #....: A8C130258-013 Work Order #....: KJHXR1AA Matrix.....: WG
 Date Sampled....: 03/12/08 14:50 Date Received...: 03/13/08
 Prep Date.....: 03/20/08 Analysis Date...: 03/20/08
 Prep Batch #....: 8080260
 Dilution Factor: 1 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.18
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	3.8	0.50	ug/L	0.17
trans-1,2-Dichloroethene	ND	0.50	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Methylene chloride	ND	1.0	ug/L	0.33
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Styrene	ND	1.0	ug/L	0.11
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	0.32 J	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	0.70 J	1.0	ug/L	0.17
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	1.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	99	(73 - 122)
1,2-Dichloroethane-d4	101	(61 - 128)
Toluene-d8	91	(76 - 110)
4-Bromofluorobenzene	86	(74 - 116)

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031208-JH-026

GC/MS Volatiles

Lot-Sample #...: A8C130258-013 Work Order #...: KJHXR1AA Matrix.....: WG

NOTE(S) :

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031208-JH-026

GC Volatiles

Lot-Sample #...: A8C130258-013 Work Order #...: KJHXR1AC Matrix.....: WG
Date Sampled...: 03/12/08 14:50 Date Received...: 03/13/08
Prep Date.....: 03/18/08 Analysis Date...: 03/18/08
Prep Batch #...: 8078289
Dilution Factor: 1 Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
TPH (as Gasoline)	35 J,B	100	ug/L	28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Trifluorotoluene	75	(10 - 150)

NOTE(S) :

- J Estimated result. Result is less than RL.
B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031208-JH-027

GC/MS Volatiles

Lot-Sample #....: A8C130258-014 Work Order #....: KJHX21AA Matrix.....: WG
 Date Sampled....: 03/12/08 15:40 Date Received...: 03/13/08
 Prep Date.....: 03/20/08 Analysis Date...: 03/20/08
 Prep Batch #....: 8080260
 Dilution Factor: 1 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.18
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	0.50	ug/L	0.17
trans-1,2-Dichloroethene	ND	0.50	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Methylene chloride	ND	1.0	ug/L	0.33
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Styrene	ND	1.0	ug/L	0.11
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	1.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	95	(73 - 122)
1,2-Dichloroethane-d4	96	(61 - 128)
Toluene-d6	92	(76 - 110)
4-Bromofluorobenzene	87	(74 - 116)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031208-JH-027

GC Volatiles

Lot-Sample #....: A8C130258-014 Work Order #....: KJHX21AC Matrix.....: WG
Date Sampled....: 03/12/08 15:40 Date Received...: 03/13/08
Prep Date.....: 03/18/08 Analysis Date...: 03/18/08
Prep Batch #....: 8078289
Dilution Factor: 1 Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
TPH (as Gasoline)	34 J,B	100	ug/L	28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Trifluorotoluene	69	(10 - 150)

NOTE (S) :

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: TRIP BLANK-B

GC/MS Volatiles

Lot-Sample #....: A8C130258-015 Work Order #....: KJHX51AA Matrix.....: WQ
 Date Sampled...: 03/12/08 Date Received...: 03/13/08
 Prep Date.....: 03/20/08 Analysis Date...: 03/20/08
 Prep Batch #....: 8080260
 Dilution Factor: 1 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	2.3 J,B	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.18
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	0.50	ug/L	0.17
trans-1,2-Dichloroethene	ND	0.50	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Methylene chloride	0.59 J	1.0	ug/L	0.33
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Styrene	ND	1.0	ug/L	0.11
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	1.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	99	(73 - 122)
1,2-Dichloroethane-d4	103	(61 - 128)
Toluene-d8	94	(76 - 110)
4-Bromofluorobenzene	90	(74 - 116)

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: TRIP BLANK-B

GC/MS Volatiles

Lot-Sample #...: A8C130258-015 Work Order #...: KJHX51AA Matrix.....: WQ

NOTE(S) :

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031208-JH-028

GC/MS Volatiles

Lot-Sample #....: A8C140169-001 Work Order #....: KJK8W1AA Matrix.....: WG
 Date Sampled...: 03/12/08 16:15 Date Received...: 03/14/08
 Prep Date.....: 03/20/08 Analysis Date...: 03/20/08
 Prep Batch #....: 8080260
 Dilution Factor: 1 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	1.5	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.18
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	0.50	ug/L	0.17
trans-1,2-Dichloroethene	ND	0.50	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Methylene chloride	ND	1.0	ug/L	0.33
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Styrene	ND	1.0	ug/L	0.11
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	1.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	98	(73 - 122)
1,2-Dichloroethane-d4	101	(61 - 128)
Toluene-d8	90	(76 - 110)
4-Bromofluorobenzene	86	(74 - 116)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031208-JH-028

GC Volatiles

Lot-Sample #....: A8C140169-001 Work Order #....: KJK8W1AE Matrix.....: WG
Date Sampled....: 03/12/08 16:15 Date Received...: 03/14/08
Prep Date.....: 03/19/08 Analysis Date...: 03/19/08
Prep Batch #....: 8079398
Dilution Factor: 1 Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
TPH (as Gasoline)	36 J,B	100	ug/L	28

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Trifluorotoluene	76	(10 - 150)

NOTE(S) :

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031308-JH-029

GC/MS Volatiles

Lot-Sample #....: A8C140169-002 Work Order #....: KJK841AA Matrix.....: WG
 Date Sampled....: 03/13/08 08:50 Date Received...: 03/14/08
 Prep Date.....: 03/20/08 Analysis Date...: 03/20/08
 Prep Batch #....: 8080260
 Dilution Factor: 1 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.18
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	20	0.50	ug/L	0.17
trans-1,2-Dichloroethene	1.7	0.50	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Methylene chloride	ND	1.0	ug/L	0.33
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Styrene	ND	1.0	ug/L	0.11
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	0.29 J	1.0	ug/L	0.17
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	1.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	100	(73 - 122)
1,2-Dichloroethane-d4	102	(61 - 128)
Toluene-d8	90	(76 - 110)
4-Bromofluorobenzene	87	(74 - 116)

(Continued on next page)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031308-JH-029

GC/MS Volatiles

Lot-Sample #....: A8C140169-002 Work Order #....: KJK841AA Matrix.....: WG

NOTE(S) :

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031308-JH-029

GC Volatiles

Lot-Sample #....: A8C140169-002 Work Order #....: KJK841AC Matrix.....: WG
Date Sampled....: 03/13/08 08:50 Date Received...: 03/14/08
Prep Date.....: 03/19/08 Analysis Date...: 03/19/08
Prep Batch #....: 8079398
Dilution Factor: 1 Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
TPH (as Gasoline)	45 J,B	100	ug/L	28

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Trifluorotoluene	74	(10 - 150)

NOTE(S) :

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031308-JH-030

GC/MS Volatiles

Lot-Sample #....: A8C140169-003 Work Order #....: KJK891AA Matrix.....: WG
 Date Sampled....: 03/13/08 09:25 Date Received...: 03/14/08
 Prep Date.....: 03/25/08 Analysis Date...: 03/25/08
 Prep Batch #....: 8085322
 Dilution Factor: 2.5 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	6.0 J,B	25	ug/L	2.8
Benzene	ND	2.5	ug/L	0.32
Bromodichloromethane	ND	2.5	ug/L	0.38
Bromoform	ND	2.5	ug/L	1.6
Bromomethane	ND	2.5	ug/L	1.0
2-Butanone	ND	25	ug/L	1.4
Carbon disulfide	ND	2.5	ug/L	0.32
Carbon tetrachloride	ND	2.5	ug/L	0.32
Chlorobenzene	ND	2.5	ug/L	0.38
Chloroethane	ND	2.5	ug/L	0.72
Chloroform	ND	2.5	ug/L	0.40
Chloromethane	ND	2.5	ug/L	0.75
Dibromochloromethane	ND	2.5	ug/L	0.45
1,1-Dichloroethane	ND	2.5	ug/L	0.38
1,2-Dichloroethane	ND	2.5	ug/L	0.55
1,1-Dichloroethene	ND	2.5	ug/L	0.48
cis-1,2-Dichloroethene	80	1.2	ug/L	0.42
trans-1,2-Dichloroethene	5.7	1.2	ug/L	0.48
1,2-Dichloropropane	ND	2.5	ug/L	0.45
cis-1,3-Dichloropropene	ND	2.5	ug/L	0.35
trans-1,3-Dichloropropene	ND	2.5	ug/L	0.48
Ethylbenzene	ND	2.5	ug/L	0.42
2-Hexanone	ND	25	ug/L	1.0
Methylene chloride	ND	2.5	ug/L	0.82
4-Methyl-2-pentanone	ND	25	ug/L	0.80
Styrene	ND	2.5	ug/L	0.28
1,1,2,2-Tetrachloroethane	ND	2.5	ug/L	0.45
Tetrachloroethene	ND	2.5	ug/L	0.72
Toluene	ND	2.5	ug/L	0.32
1,1,1-Trichloroethane	ND	2.5	ug/L	0.55
1,1,2-Trichloroethane	ND	2.5	ug/L	0.68
Trichloroethene	ND	2.5	ug/L	0.42
Vinyl chloride	6.2	2.5	ug/L	0.55
Xylenes (total)	ND	2.5	ug/L	0.70

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	95	(73 - 122)
1,2-Dichloroethane-d4	98	(61 - 128)
Toluene-d8	85	(76 - 110)
4-Bromofluorobenzene	91	(74 - 116)

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031308-JH-030

GC/MS Volatiles

Lot-Sample #...: A8C140169-003 Work Order #...: KJK891AA Matrix.....: WG

NOTE(S) :

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031308-JH-030

GC Volatiles

Lot-Sample #....: A8C140169-003 Work Order #....: KJK891AC Matrix.....: WG
Date Sampled...: 03/13/08 09:25 Date Received...: 03/14/08
Prep Date.....: 03/20/08 Analysis Date...: 03/20/08
Prep Batch #....: 8081078
Dilution Factor: 1 Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
TPH (as Gasoline)	97 J,B	100	ug/L	28

<u>SURROGATE</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>RECOVERY</u> <u>LIMITS</u>
Trifluorotoluene	82	(10 - 150)

NOTE(S) :

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031308-JH-031

GC/MS Volatiles

Lot-Sample #....: A8C140169-004 Work Order #....: KJK9A1AA Matrix.....: WG
 Date Sampled...: 03/13/08 09:45 Date Received...: 03/14/08
 Prep Date.....: 03/25/08 Analysis Date...: 03/25/08
 Prep Batch #....: 8085322
 Dilution Factor: 2.5 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	5.7 J,B	25	ug/L	2.8
Benzene	ND	2.5	ug/L	0.32
Bromodichloromethane	ND	2.5	ug/L	0.38
Bromoform	ND	2.5	ug/L	1.6
Bromomethane	ND	2.5	ug/L	1.0
2-Butanone	ND	25	ug/L	1.4
Carbon disulfide	0.94 J	2.5	ug/L	0.32
Carbon tetrachloride	ND	2.5	ug/L	0.32
Chlorobenzene	ND	2.5	ug/L	0.38
Chloroethane	ND	2.5	ug/L	0.72
Chloroform	ND	2.5	ug/L	0.40
Chloromethane	ND	2.5	ug/L	0.75
Dibromochloromethane	ND	2.5	ug/L	0.45
1,1-Dichloroethane	ND	2.5	ug/L	0.38
1,2-Dichloroethane	ND	2.5	ug/L	0.55
1,1-Dichloroethene	ND	2.5	ug/L	0.48
cis-1,2-Dichloroethene	83	1.2	ug/L	0.42
trans-1,2-Dichloroethene	6.7	1.2	ug/L	0.48
1,2-Dichloropropane	ND	2.5	ug/L	0.45
cis-1,3-Dichloropropene	ND	2.5	ug/L	0.35
trans-1,3-Dichloropropene	ND	2.5	ug/L	0.48
Ethylbenzene	ND	2.5	ug/L	0.42
2-Hexanone	ND	25	ug/L	1.0
Methylene chloride	ND	2.5	ug/L	0.82
4-Methyl-2-pentanone	ND	25	ug/L	0.80
Styrene	ND	2.5	ug/L	0.28
1,1,2,2-Tetrachloroethane	ND	2.5	ug/L	0.45
Tetrachloroethene	ND	2.5	ug/L	0.72
Toluene	ND	2.5	ug/L	0.32
1,1,1-Trichloroethane	ND	2.5	ug/L	0.55
1,1,2-Trichloroethane	ND	2.5	ug/L	0.68
Trichloroethene	ND	2.5	ug/L	0.42
Vinyl chloride	5.7	2.5	ug/L	0.55
Xylenes (total)	ND	2.5	ug/L	0.70

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	99	(73 - 122)
1,2-Dichloroethane-d4	103	(61 - 128)
Toluene-d8	87	(76 - 110)
4-Bromofluorobenzene	91	(74 - 116)

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031308-JH-031

GC/MS Volatiles

Lot-Sample #....: A8C140169-004 Work Order #....: KJK9A1AA Matrix.....: WG

NOTE(S) :

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031308-JH-031

GC Volatiles

Lot-Sample #....: A8C140169-004 Work Order #....: KJK9A1AC Matrix.....: WG
Date Sampled...: 03/13/08 09:45 Date Received...: 03/14/08
Prep Date.....: 03/20/08 Analysis Date...: 03/20/08
Prep Batch #....: 8081078
Dilution Factor: 1 Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
TPH (as Gasoline)	93 J,B	100	ug/L	28

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Trifluorotoluene	72	(10 - 150)

NOTE(S) :

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031308-JH-032

GC/MS Volatiles

Lot-Sample #....: A8C140169-005 Work Order #....: KJK9C1AA Matrix.....: WG
 Date Sampled....: 03/13/08 10:25 Date Received...: 03/14/08
 Prep Date.....: 03/25/08 Analysis Date...: 03/25/08
 Prep Batch #....: 8085322
 Dilution Factor: 1 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.18
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	0.40 J	0.50	ug/L	0.17
trans-1,2-Dichloroethene	ND	0.50	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Methylene chloride	ND	1.0	ug/L	0.33
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Styrene	ND	1.0	ug/L	0.11
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	1.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(73 - 122)
1,2-Dichloroethane-d4	101	(61 - 128)
Toluene-d8	90	(76 - 110)
4-Bromofluorobenzene	92	(74 - 116)

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031308-JH-032

GC/MS Volatiles

Lot-Sample #...: A8C140169-005 Work Order #...: KJK9C1AA Matrix.....: WG

NOTE(S) :

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031308-JH-032

GC Volatiles

Lot-Sample #...: A8C140169-005 Work Order #...: KJK9C1AC Matrix.....: WG
Date Sampled...: 03/13/08 10:25 Date Received...: 03/14/08
Prep Date.....: 03/19/08 Analysis Date...: 03/19/08
Prep Batch #...: 8079398
Dilution Factor: 1 Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
TPH (as Gasoline)	36 J,B	100	ug/L	28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Trifluorotoluene	82	(10 - 150)

NOTE(S) :

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031308-JH-033

GC/MS Volatiles

Lot-Sample #....: A8C140169-006 Work Order #....: KJK9E1AA Matrix.....: WG
 Date Sampled....: 03/13/08 11:15 Date Received...: 03/14/08
 Prep Date.....: 03/25/08 Analysis Date...: 03/25/08
 Prep Batch #....: 8085322
 Dilution Factor: 1 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.18
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	5.7	0.50	ug/L	0.17
trans-1,2-Dichloroethene	0.21 J	0.50	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Methylene chloride	ND	1.0	ug/L	0.33
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Styrene	ND	1.0	ug/L	0.11
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	3.5	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	0.75 J	1.0	ug/L	0.17
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	1.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	95	(73 - 122)
1,2-Dichloroethane-d4	103	(61 - 128)
Toluene-d8	88	(76 - 110)
4-Bromofluorobenzene	95	(74 - 116)

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031308-JH-033

GC/MS Volatiles

Lot-Sample #...: A8C140169-006 Work Order #...: KJK9E1AA Matrix.....: WG

NOTE(S) :

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031308-JH-033

GC Volatiles

Lot-Sample #...: A8C140169-006 Work Order #...: KJK9E1AC Matrix.....: WG
Date Sampled...: 03/13/08 11:15 Date Received...: 03/14/08
Prep Date.....: 03/19/08 Analysis Date...: 03/19/08
Prep Batch #...: 8079398
Dilution Factor: 1 Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
TPH (as Gasoline)	42 J,B	100	ug/L	28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Trifluorotoluene	82	(10 - 150)

NOTE(S) :

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031308-JH-034

GC/MS Volatiles

Lot-Sample #....: A8C140169-007 Work Order #....: KJK9F1AA Matrix.....: WG
 Date Sampled...: 03/13/08 11:50 Date Received...: 03/14/08
 Prep Date.....: 03/25/08 Analysis Date...: 03/25/08
 Prep Batch #....: 8085322
 Dilution Factor: 1 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.18
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	5.8	0.50	ug/L	0.17
trans-1,2-Dichloroethene	0.19 J	0.50	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Methylene chloride	ND	1.0	ug/L	0.33
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Styrene	ND	1.0	ug/L	0.11
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	3.5	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	0.87 J	1.0	ug/L	0.17
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	1.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	100	(73 - 122)
1,2-Dichloroethane-d4	105	(61 - 128)
Toluene-d8	89	(76 - 110)
4-Bromofluorobenzene	95	(74 - 116)

(Continued on next page)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031308-JH-034

GC/MS Volatiles

Lot-Sample #...: A8C140169-007 Work Order #...: KJK9F1AA Matrix.....: WG

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031308-JH-034

GC Volatiles

Lot-Sample #....: A8C140169-007 Work Order #....: KJK9F1AC Matrix.....: WG
Date Sampled...: 03/13/08 11:50 Date Received...: 03/14/08
Prep Date.....: 03/19/08 Analysis Date...: 03/19/08
Prep Batch #....: 8079398
Dilution Factor: 1 Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
TPH (as Gasoline)	40 J,B	100	ug/L	28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Trifluorotoluene	78	(10 - 150)

NOTE(S) :

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031308-JH-035

GC/MS Volatiles

Lot-Sample #....: A8C140169-008 Work Order #....: KJK9G1AA Matrix.....: WG
 Date Sampled....: 03/13/08 13:40 Date Received...: 03/14/08
 Prep Date.....: 03/25/08 Analysis Date...: 03/25/08
 Prep Batch #....: 8085322
 Dilution Factor: 1 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.18
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	0.45 J	0.50	ug/L	0.17
trans-1,2-Dichloroethene	ND	0.50	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Methylene chloride	ND	1.0	ug/L	0.33
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Styrene	ND	1.0	ug/L	0.11
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	1.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	95	(73 - 122)
1,2-Dichloroethane-d4	101	(61 - 128)
Toluene-d8	86	(76 - 110)
4-Bromofluorobenzene	90	(74 - 116)

(Continued on next page)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031308-JH-035

GC/MS Volatiles

Lot-Sample #...: A8C140169-008 Work Order #...: KJK9G1AA Matrix.....: WG

NOTE(S) :

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031308-JH-035

GC Volatiles

Lot-Sample #....: A8C140169-008 Work Order #....: KJK9G1AC Matrix.....: WG
Date Sampled...: 03/13/08 13:40 Date Received...: 03/14/08
Prep Date.....: 03/19/08 Analysis Date...: 03/19/08
Prep Batch #....: 8079398
Dilution Factor: 1 Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
TPH (as Gasoline)	36 J,B	100	ug/L	28

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Trifluorotoluene	77	(10 - 150)

NOTE(S) :

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031308-JH-036

GC/MS Volatiles

Lot-Sample #....: A8C140169-009 Work Order #....: KJK9H1AA Matrix.....: WG
 Date Sampled....: 03/13/08 13:50 Date Received...: 03/14/08
 Prep Date.....: 03/20/08 Analysis Date...: 03/20/08
 Prep Batch #....: 8080260
 Dilution Factor: 1 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	3.2 J,B	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	0.64 J	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.18
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	0.50	ug/L	0.17
trans-1,2-Dichloroethene	ND	0.50	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Methylene chloride	ND	1.0	ug/L	0.33
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Styrene	ND	1.0	ug/L	0.11
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	1.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	98	(73 - 122)
1,2-Dichloroethane-d4	103	(61 - 128)
Toluene-d8	90	(76 - 110)
4-Bromofluorobenzene	89	(74 - 116)

(Continued on next page)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031308-JH-036

GC/MS Volatiles

Lot-Sample #....: A8C140169-009 Work Order #....: KJK9H1AA Matrix.....: WG

NOTE(S) :

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031308-JH-036

GC Volatiles

Lot-Sample #...: A8C140169-009 Work Order #...: KJK9H1AC Matrix.....: WG
Date Sampled...: 03/13/08 13:50 Date Received...: 03/14/08
Prep Date.....: 03/19/08 Analysis Date...: 03/19/08
Prep Batch #...: 8079398
Dilution Factor: 1 Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
TPH (as Gasoline)	36 J,B	100	ug/L	28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Trifluorotoluene	83	(10 - 150)

NOTE(S) :

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031308-JH-037

GC/MS Volatiles

Lot-Sample #....: A8C140169-010 Work Order #....: KJK9L1AA Matrix.....: WG
 Date Sampled....: 03/13/08 14:25 Date Received...: 03/14/08
 Prep Date.....: 03/20/08 Analysis Date...: 03/20/08
 Prep Batch #....: 8080260
 Dilution Factor: 1 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.18
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	0.26 J	0.50	ug/L	0.17
trans-1,2-Dichloroethene	ND	0.50	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Methylene chloride	ND	1.0	ug/L	0.33
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Styrene	ND	1.0	ug/L	0.11
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	1.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(73 - 122)
1,2-Dichloroethane-d4	103	(61 - 128)
Toluene-d8	93	(76 - 110)
4-Bromofluorobenzene	88	(74 - 116)

(Continued on next page)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031308-JH-037

GC/MS Volatiles

Lot-Sample #...: A8C140169-010 Work Order #...: KJK9L1AA Matrix.....: WG

NOTE(S) :

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031308-JH-037

GC Volatiles

Lot-Sample #....: A8C140169-010 Work Order #....: KJK9L1AC Matrix.....: WG
Date Sampled...: 03/13/08 14:25 Date Received...: 03/14/08
Prep Date.....: 03/19/08 Analysis Date...: 03/19/08
Prep Batch #....: 8079398
Dilution Factor: 1 Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
TPH (as Gasoline)	36 J,B	100	ug/L	28

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Trifluorotoluene	83	(10 - 150)

NOTE(S) :

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031308-JH-038

GC/MS Volatiles

Lot-Sample #....: A8C140169-011 Work Order #....: KJK9M1AA Matrix.....: WG
 Date Sampled...: 03/13/08 14:40 Date Received...: 03/14/08
 Prep Date.....: 03/20/08 Analysis Date...: 03/20/08
 Prep Batch #....: 8080260
 Dilution Factor: 1 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.18
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	0.28 J	0.50	ug/L	0.17
trans-1,2-Dichloroethene	ND	0.50	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Methylene chloride	ND	1.0	ug/L	0.33
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Styrene	ND	1.0	ug/L	0.11
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	1.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(73 - 122)
1,2-Dichloroethane-d4	104	(61 - 128)
Toluene-d8	94	(76 - 110)
4-Bromofluorobenzene	92	(74 - 116)

(Continued on next page)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031308-JH-038

GC/MS Volatiles

Lot-Sample #....: A8C140169-011 Work Order #....: KJK9M1AA Matrix.....: WG

NOTE(S) :

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031308-JH-038

GC Volatiles

Lot-Sample #...: A8C140169-011 Work Order #...: KJK9M1AC Matrix.....: WG
Date Sampled...: 03/13/08 14:40 Date Received...: 03/14/08
Prep Date.....: 03/19/08 Analysis Date...: 03/19/08
Prep Batch #...: 8079398
Dilution Factor: 1 Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
TPH (as Gasoline)	35 J,B	100	ug/L	28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Trifluorotoluene	81	(10 - 150)

NOTE(S) :

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031308-JH-039

GC/MS Volatiles

Lot-Sample #....: A8C140169-012 Work Order #....: KJK9P1AA Matrix.....: WG
 Date Sampled...: 03/13/08 15:10 Date Received...: 03/14/08
 Prep Date.....: 03/20/08 Analysis Date...: 03/20/08
 Prep Batch #....: 8080260
 Dilution Factor: 1 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.18
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	0.50	ug/L	0.17
trans-1,2-Dichloroethene	ND	0.50	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Methylene chloride	ND	1.0	ug/L	0.33
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Styrene	ND	1.0	ug/L	0.11
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	1.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	98	(73 - 122)
1,2-Dichloroethane-d4	104	(61 - 128)
Toluene-d8	90	(76 - 110)
4-Bromofluorobenzene	90	(74 - 116)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-031308-JH-039

GC Volatiles

Lot-Sample #....: A8C140169-012 Work Order #....: KJK9P1AC Matrix.....: WG
Date Sampled...: 03/13/08 15:10 Date Received...: 03/14/08
Prep Date.....: 03/19/08 Analysis Date...: 03/19/08
Prep Batch #....: 8080159
Dilution Factor: 1 Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
TPH (as Gasoline)	35 J,B	100	ug/L	28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Trifluorotoluene	77	(10 - 150)

NOTE (S) :

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: TRIP BLANK-C

GC/MS Volatiles

Lot-Sample #....: A8C140169-013 Work Order #....: KJK9Q1AA Matrix.....: WQ
 Date Sampled...: 03/13/08 Date Received...: 03/14/08
 Prep Date.....: 03/20/08 Analysis Date...: 03/20/08
 Prep Batch #....: 8080260
 Dilution Factor: 1 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	2.3 J,B	10	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	10	ug/L	0.57
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.18
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	0.50	ug/L	0.17
trans-1,2-Dichloroethene	ND	0.50	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41
Methylene chloride	0.72 J	1.0	ug/L	0.33
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Styrene	ND	1.0	ug/L	0.11
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	1.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	98	(73 - 122)
1,2-Dichloroethane-d4	101	(61 - 128)
Toluene-d8	90	(76 - 110)
4-Bromofluorobenzene	89	(74 - 116)

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: TRIP BLANK-C

GC/MS Volatiles

Lot-Sample #...: A8C140169-013 Work Order #...: KJK9Q1AA Matrix.....: WQ

NOTE(S) :

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

QUALITY CONTROL SECTION

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: 8C12198
MB Lot-Sample #: A8C190000-198

Work Order #...: KJT4H1AA

Matrix.....: WATER

Analysis Date...: 03/18/08
Dilution Factor: 1

Prep Date.....: 03/18/08

Prep Batch #...: 8079198

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	1.9 J	10	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	10	ug/L	SW846 8260B
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	1.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	0.50	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	0.50	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	10	ug/L	SW846 8260B
Methylene chloride	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	10	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	1.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	94	(73 - 122)
1,2-Dichloroethane-d4	99	(61 - 128)
Toluene-d8	92	(76 - 110)
4-Bromofluorobenzene	84	(74 - 116)

(Continued on next page)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: 8C12198

Work Order #...: KJT4H1AA

Matrix.....: WATER

NOTE(S) :

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

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #....: 8C12198
MB Lot-Sample #: A8C200000-147

Work Order #....: KJW0Q1AA

Matrix.....: WATER

Analysis Date...: 03/19/08
Dilution Factor: 1

Prep Date.....: 03/19/08

Prep Batch #....: 8080147

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	1.5 J	10	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	10	ug/L	SW846 8260B
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	1.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	0.50	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	0.50	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	10	ug/L	SW846 8260B
Methylene chloride	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	10	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	1.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	98	(73 - 122)
1,2-Dichloroethane-d4	103	(61 - 128)
Toluene-d8	92	(76 - 110)
4-Bromofluorobenzene	84	(74 - 116)

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: 8C12198

Work Order #...: KJW0Q1AA

Matrix.....: WATER

NOTE (S) :

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

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #....: 8C12198
MB Lot-Sample #: A8C200000-260

Work Order #....: KJXNN1AA

Matrix.....: WATER

Analysis Date...: 03/19/08
Dilution Factor: 1

Prep Date.....: 03/19/08
Prep Batch #....: 8080260

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	1.3 J	10	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	10	ug/L	SW846 8260B
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	1.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	0.50	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	0.50	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	10	ug/L	SW846 8260B
Methylene chloride	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	10	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	1.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	101	(73 - 122)
1,2-Dichloroethane-d4	99	(61 - 128)
Toluene-d8	91	(76 - 110)
4-Bromofluorobenzene	87	(74 - 116)

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: 8C12198

Work Order #...: KJXNN1AA

Matrix.....: WATER

NOTE(S):

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

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #....: 8C12198
MB Lot-Sample #: A8C250000-322

Work Order #....: KJ52X1AA

Matrix.....: WATER

Analysis Date...: 03/25/08
Dilution Factor: 1

Prep Date.....: 03/25/08

Prep Batch #....: 8085322

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	2.0 J	10	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	10	ug/L	SW846 8260B
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	1.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	0.50	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	0.50	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	10	ug/L	SW846 8260B
Methylene chloride	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	10	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	1.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	96	(73 - 122)
1,2-Dichloroethane-d4	102	(61 - 128)
Toluene-d8	91	(76 - 110)
4-Bromofluorobenzene	94	(74 - 116)

(Continued on next page)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: 8C12198

Work Order #...: KJ52X1AA

Matrix.....: WATER

NOTE(S):

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

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC Volatiles

Client Lot #...: 8C12198 Work Order #...: KJL8W1AA Matrix.....: WATER
 MB Lot-Sample #: A8C140000-323
 Analysis Date...: 03/13/08 Prep Date.....: 03/13/08
 Dilution Factor: 1 Prep Batch #...: 8074323

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
TPH (as Gasoline)	33 J	100	ug/L	SW846 8015B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Trifluorotoluene	78	(10 - 150)

NOTE(S) :

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

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC Volatiles

Client Lot #...: 8C12198 Work Order #...: KJPDQ1AA Matrix.....: WATER
 MB Lot-Sample #: A8C160000-022
 Analysis Date...: 03/14/08 Prep Date.....: 03/14/08
 Dilution Factor: 1 Prep Batch #...: 8076022

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
TPH (as Gasoline)	35 J	100	ug/L	SW846 8015B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Trifluorotoluene	79	(10 - 150)

NOTE (S) :

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

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC Volatiles

Client Lot #...: 8C12198 Work Order #...: KJRWR1AA Matrix.....: WATER
 MB Lot-Sample #: A8C180000-289
 Analysis Date...: 03/17/08 Prep Date.....: 03/17/08
 Dilution Factor: 1 Prep Batch #...: 8078289

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
TPH (as Gasoline)	41 J	100	ug/L	SW846 8015B
SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS		
Trifluorotoluene	84	(10 - 150)		

NOTE (S) :

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

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC Volatiles

Client Lot #...: 8C12198 Work Order #...: KJWAD1AA Matrix.....: WATER
 MB Lot-Sample #: A8C190000-398
 Analysis Date...: 03/18/08 Prep Date.....: 03/18/08
 Dilution Factor: 1 Prep Batch #...: 8079398

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>
TPH (as Gasoline)	39 J	100	ug/L	SW846 8015B

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Trifluorotoluene	72	(10 - 150)

NOTE(S) :

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

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC Volatiles

Client Lot #...: 8C12198 Work Order #...: KJW7J1AA Matrix.....: WATER
 MB Lot-Sample #: A8C200000-159 Prep Date.....: 03/19/08
 Analysis Date...: 03/19/08 Prep Batch #...: 8080159
 Dilution Factor: 1

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>
TPH (as Gasoline)	39 J	100	ug/L	SW846 8015B

<u>SURROGATE</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>RECOVERY</u> <u>LIMITS</u>
Trifluorotoluene	80	(10 - 150)

NOTE(S) :

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

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC Volatiles

Client Lot #...: 8C12198 Work Order #...: KJ0T41AA Matrix.....: WATER
 MB Lot-Sample #: A8C210000-078
 Analysis Date...: 03/20/08 Prep Date.....: 03/20/08
 Dilution Factor: 1 Prep Batch #...: 8081078

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>
TPH (as Gasoline)	35 J	100	ug/L	SW846 8015B

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Trifluorotoluene	67	(10 - 150)

NOTE(S) :

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

J Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #....: 8C12198 Work Order #....: KJT4H1AC-LCS Matrix.....: WATER
 LCS Lot-Sample#: A8C190000-198 KJT4H1AD-LCSD
 Prep Date.....: 03/18/08 Analysis Date...: 03/18/08
 Prep Batch #....: 8079198
 Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	99	(80 - 116)			SW846 8260B
	99	(80 - 116)	0.25	(0-20)	SW846 8260B
Chlorobenzene	95	(76 - 117)			SW846 8260B
	97	(76 - 117)	2.1	(0-20)	SW846 8260B
1,1-Dichloroethene	97	(63 - 130)			SW846 8260B
	102	(63 - 130)	4.9	(0-20)	SW846 8260B
Toluene	99	(74 - 119)			SW846 8260B
	99	(74 - 119)	0.10	(0-20)	SW846 8260B
Trichloroethene	91	(75 - 122)			SW846 8260B
	94	(75 - 122)	3.0	(0-20)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	94	(73 - 122)
	99	(73 - 122)
1,2-Dichloroethane-d4	97	(61 - 128)
	104	(61 - 128)
Toluene-d8	93	(76 - 110)
	92	(76 - 110)
4-Bromofluorobenzene	91	(74 - 116)
	92	(74 - 116)

NOTE (S) :

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8C12198 Work Order #...: KJT4H1AC-LCS Matrix.....: WATER
 LCS Lot-Sample#: A8C190000-198 KJT4H1AD-LCSD
 Prep Date.....: 03/18/08 Analysis Date...: 03/18/08
 Prep Batch #...: 8079198
 Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Benzene	10	9.9	ug/L	99		SW846 8260B
	10	9.9	ug/L	99	0.25	SW846 8260B
Chlorobenzene	10	9.5	ug/L	95		SW846 8260B
	10	9.7	ug/L	97	2.1	SW846 8260B
1,1-Dichloroethene	10	9.7	ug/L	97		SW846 8260B
	10	10	ug/L	102	4.9	SW846 8260B
Toluene	10	9.9	ug/L	99		SW846 8260B
	10	9.9	ug/L	99	0.10	SW846 8260B
Trichloroethene	10	9.1	ug/L	91		SW846 8260B
	10	9.4	ug/L	94	3.0	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	94	(73 - 122)
	99	(73 - 122)
1,2-Dichloroethane-d4	97	(61 - 128)
	104	(61 - 128)
Toluene-d8	93	(76 - 110)
	92	(76 - 110)
4-Bromofluorobenzene	91	(74 - 116)
	92	(74 - 116)

NOTE (S) :

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #....: 8C12198 Work Order #....: KJW0Q1AC-LCS Matrix.....: WATER
 LCS Lot-Sample#: A8C200000-147 KJW0Q1AD-LCSD
 Prep Date.....: 03/19/08 Analysis Date...: 03/19/08
 Prep Batch #....: 8080147
 Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	99	(80 - 116)			SW846 8260B
	100	(80 - 116)	1.4	(0-20)	SW846 8260B
Chlorobenzene	94	(76 - 117)			SW846 8260B
	98	(76 - 117)	4.4	(0-20)	SW846 8260B
1,1-Dichloroethene	101	(63 - 130)			SW846 8260B
	98	(63 - 130)	3.5	(0-20)	SW846 8260B
Toluene	98	(74 - 119)			SW846 8260B
	100	(74 - 119)	1.9	(0-20)	SW846 8260B
Trichloroethene	99	(75 - 122)			SW846 8260B
	97	(75 - 122)	2.2	(0-20)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	99	(73 - 122)
	93	(73 - 122)
1,2-Dichloroethane-d4	100	(61 - 128)
	103	(61 - 128)
Toluene-d8	91	(76 - 110)
	91	(76 - 110)
4-Bromofluorobenzene	92	(74 - 116)
	92	(74 - 116)

NOTE(S) :

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8C12198 Work Order #...: KJW0Q1AC-LCS Matrix.....: WATER
 LCS Lot-Sample#: A8C200000-147 KJW0Q1AD-LCSD
 Prep Date.....: 03/19/08 Analysis Date...: 03/19/08
 Prep Batch #...: 8080147
 Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Benzene	10	9.9	ug/L	99		SW846 8260B
	10	10	ug/L	100	1.4	SW846 8260B
Chlorobenzene	10	9.4	ug/L	94		SW846 8260B
	10	9.8	ug/L	98	4.4	SW846 8260B
1,1-Dichloroethene	10	10	ug/L	101		SW846 8260B
	10	9.8	ug/L	98	3.5	SW846 8260B
Toluene	10	9.8	ug/L	98		SW846 8260B
	10	10	ug/L	100	1.9	SW846 8260B
Trichloroethene	10	9.9	ug/L	99		SW846 8260B
	10	9.7	ug/L	97	2.2	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	99	(73 - 122)
	93	(73 - 122)
1,2-Dichloroethane-d4	100	(61 - 128)
	103	(61 - 128)
Toluene-d8	91	(76 - 110)
	91	(76 - 110)
4-Bromofluorobenzene	92	(74 - 116)
	92	(74 - 116)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.
 Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8C12198 Work Order #...: KJXNN1AC-LCS Matrix.....: WATER
 LCS Lot-Sample#: A8C200000-260 KJXNN1AD-LCSD
 Prep Date.....: 03/19/08 Analysis Date...: 03/19/08
 Prep Batch #...: 8080260
 Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	102	(80 - 116)			SW846 8260B
	94	(80 - 116)	7.9	(0-20)	SW846 8260B
Chlorobenzene	100	(76 - 117)			SW846 8260B
	89	(76 - 117)	12	(0-20)	SW846 8260B
1,1-Dichloroethene	96	(63 - 130)			SW846 8260B
	91	(63 - 130)	5.4	(0-20)	SW846 8260B
Toluene	103	(74 - 119)			SW846 8260B
	95	(74 - 119)	8.2	(0-20)	SW846 8260B
Trichloroethene	96	(75 - 122)			SW846 8260B
	90	(75 - 122)	6.3	(0-20)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	92	(73 - 122)
	93	(73 - 122)
1,2-Dichloroethane-d4	101	(61 - 128)
	97	(61 - 128)
Toluene-d8	94	(76 - 110)
	92	(76 - 110)
4-Bromofluorobenzene	94	(74 - 116)
	94	(74 - 116)

NOTE(S) :

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8C12198 Work Order #...: KJXNN1AC-LCS Matrix.....: WATER
 LCS Lot-Sample#: A8C200000-260 KJXNN1AD-LCSD
 Prep Date.....: 03/19/08 Analysis Date...: 03/19/08
 Prep Batch #...: 8080260
 Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Benzene	10	10	ug/L	102		SW846 8260B
	10	9.4	ug/L	94	7.9	SW846 8260B
Chlorobenzene	10	10	ug/L	100		SW846 8260B
	10	8.9	ug/L	89	12	SW846 8260B
1,1-Dichloroethene	10	9.6	ug/L	96		SW846 8260B
	10	9.1	ug/L	91	5.4	SW846 8260B
Toluene	10	10	ug/L	103		SW846 8260B
	10	9.5	ug/L	95	8.2	SW846 8260B
Trichloroethene	10	9.6	ug/L	96		SW846 8260B
	10	9.0	ug/L	90	6.3	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	92	(73 - 122)
	93	(73 - 122)
1,2-Dichloroethane-d4	101	(61 - 128)
	97	(61 - 128)
Toluene-d8	94	(76 - 110)
	92	(76 - 110)
4-Bromofluorobenzene	94	(74 - 116)
	94	(74 - 116)

NOTE (S) :

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #....: 8C12198 Work Order #....: KJ52X1AC-LCS Matrix.....: WATER
 LCS Lot-Sample#: A8C250000-322 KJ52X1AD-LCSD
 Prep Date.....: 03/25/08 Analysis Date...: 03/25/08
 Prep Batch #....: 8085322
 Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	92	(80 - 116)			SW846 8260B
	93	(80 - 116)	1.2	(0-20)	SW846 8260B
Chlorobenzene	94	(76 - 117)			SW846 8260B
	95	(76 - 117)	0.94	(0-20)	SW846 8260B
1,1-Dichloroethene	93	(63 - 130)			SW846 8260B
	89	(63 - 130)	4.1	(0-20)	SW846 8260B
Toluene	94	(74 - 119)			SW846 8260B
	99	(74 - 119)	5.0	(0-20)	SW846 8260B
Trichloroethene	89	(75 - 122)			SW846 8260B
	85	(75 - 122)	4.2	(0-20)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	96	(73 - 122)
	92	(73 - 122)
1,2-Dichloroethane-d4	98	(61 - 128)
	98	(61 - 128)
Toluene-d8	92	(76 - 110)
	94	(76 - 110)
4-Bromofluorobenzene	98	(74 - 116)
	102	(74 - 116)

NOTE (S) :

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #....: 8C12198 Work Order #....: KJ52X1AC-LCS Matrix.....: WATER
 LCS Lot-Sample#: A8C250000-322 KJ52X1AD-LCSD
 Prep Date.....: 03/25/08 Analysis Date...: 03/25/08
 Prep Batch #....: 8085322
 Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Benzene	10	9.2	ug/L	92		SW846 8260B
	10	9.3	ug/L	93	1.2	SW846 8260B
Chlorobenzene	10	9.4	ug/L	94		SW846 8260B
	10	9.5	ug/L	95	0.94	SW846 8260B
1,1-Dichloroethene	10	9.3	ug/L	93		SW846 8260B
	10	8.9	ug/L	89	4.1	SW846 8260B
Toluene	10	9.4	ug/L	94		SW846 8260B
	10	9.9	ug/L	99	5.0	SW846 8260B
Trichloroethene	10	8.9	ug/L	89		SW846 8260B
	10	8.5	ug/L	85	4.2	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	96	(73 - 122)
	92	(73 - 122)
1,2-Dichloroethane-d4	98	(61 - 128)
	98	(61 - 128)
Toluene-d8	92	(76 - 110)
	94	(76 - 110)
4-Bromofluorobenzene	98	(74 - 116)
	102	(74 - 116)

NOTE (S) :

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...: 8C12198 Work Order #...: KJL8W1AC Matrix.....: WATER
 LCS Lot-Sample#: A8C140000-323
 Prep Date.....: 03/13/08 Analysis Date...: 03/13/08
 Prep Batch #...: 8074323
 Dilution Factor: 1

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>
TPH (as Gasoline)	129	(72 - 140)	SW846 8015B

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Trifluorotoluene	87	(10 - 150)

NOTE(S) :

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Volatiles

Client Lot #....: 8C12198 Work Order #....: KJL8W1AC Matrix.....: WATER
 LCS Lot-Sample#: A8C140000-323
 Prep Date.....: 03/13/08 Analysis Date...: 03/13/08
 Prep Batch #....: 8074323
 Dilution Factor: 1

<u>PARAMETER</u>	<u>SPIKE</u> <u>AMOUNT</u>	<u>MEASURED</u> <u>AMOUNT</u>	<u>UNITS</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>METHOD</u>
TPH (as Gasoline)	200	260	ug/L	129	SW846 8015B
<u>SURROGATE</u>		<u>PERCENT</u> <u>RECOVERY</u>	<u>RECOVERY</u> <u>LIMITS</u>		
Trifluorotoluene		87	(10 - 150)		

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.
 Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...: 8C12198 Work Order #...: KJPDQ1AC-LCS Matrix.....: WATER
 LCS Lot-Sample#: A8C160000-022 KJPDQ1AD-LCSD
 Prep Date.....: 03/14/08 Analysis Date...: 03/14/08
 Prep Batch #...: 8076022
 Dilution Factor: 1

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>RPD</u>	<u>RPD LIMITS</u>	<u>METHOD</u>
TPH (as Gasoline)	106	(72 - 140)			SW846 8015B
	115	(72 - 140)	7.6	(0-20)	SW846 8015B

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Trifluorotoluene	83	(10 - 150)
	80	(10 - 150)

NOTE (S) :

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Volatiles

Client Lot #....: 8C12198 Work Order #....: KJPDQ1AC-LCS Matrix.....: WATER
 LCS Lot-Sample#: A8C160000-022 KJPDQ1AD-LCSD
 Prep Date.....: 03/14/08 Analysis Date...: 03/14/08
 Prep Batch #....: 8076022
 Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
TPH (as Gasoline)	200	210	ug/L	106		SW846 8015B
	200	230	ug/L	115	7.6	SW846 8015B
SURROGATE			PERCENT RECOVERY	RECOVERY LIMITS		
Trifluorotoluene			83	(10 - 150)		
			80	(10 - 150)		

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.
 Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #....: 8C12198 Work Order #....: KJRWR1AC-LCS Matrix.....: WATER
 LCS Lot-Sample#: A8C180000-289 KJRWR1AD-LCSD
 Prep Date.....: 03/17/08 Analysis Date...: 03/17/08
 Prep Batch #....: 8078289
 Dilution Factor: 1

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>RPD</u>	<u>RPD LIMITS</u>	<u>METHOD</u>
TPH (as Gasoline)	124	(72 - 140)			SW846 8015B
	127	(72 - 140)	1.8	(0-20)	SW846 8015B

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Trifluorotoluene	81	(10 - 150)
	85	(10 - 150)

NOTE(S) :

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Volatiles

Client Lot #....: 8C12198 Work Order #....: KJRWR1AC-LCS Matrix.....: WATER
 LCS Lot-Sample#: A8C180000-289 KJRWR1AD-LCSD
 Prep Date.....: 03/17/08 Analysis Date...: 03/17/08
 Prep Batch #....: 8078289
 Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
TPH (as Gasoline)	200	250	ug/L	124		SW846 8015B
	200	250	ug/L	127	1.8	SW846 8015B
SURROGATE			PERCENT RECOVERY	RECOVERY LIMITS		
Trifluorotoluene			81	(10 - 150)		
			85	(10 - 150)		

NOTE (S) :

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #....: 8C12198 Work Order #....: KJWAD1AC Matrix.....: WATER
 LCS Lot-Sample#: A8C190000-398
 Prep Date.....: 03/18/08 Analysis Date...: 03/18/08
 Prep Batch #....: 8079398
 Dilution Factor: 1

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>
TPH (as Gasoline)	108	(72 - 140)	SW846 8015B

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Trifluorotoluene	55	(10 - 150)

NOTE(S) :

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Volatiles

Client Lot #...: 8C12198 Work Order #...: KJWAD1AC Matrix.....: WATER
 LCS Lot-Sample#: A8C190000-398
 Prep Date.....: 03/18/08 Analysis Date...: 03/18/08
 Prep Batch #...: 8079398
 Dilution Factor: 1

<u>PARAMETER</u>	<u>SPIKE AMOUNT</u>	<u>MEASURED AMOUNT</u>	<u>UNITS</u>	<u>PERCENT RECOVERY</u>	<u>METHOD</u>
TPH (as Gasoline)	200	220	ug/L	108	SW846 8015B

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Trifluorotoluene	55	(10 - 150)

NOTE(S) :

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...: 8C12198 Work Order #...: KJW7J1AC-LCS Matrix.....: WATER
 LCS Lot-Sample#: A8C200000-159 KJW7J1AD-LCSD
 Prep Date.....: 03/19/08 Analysis Date...: 03/19/08
 Prep Batch #...: 8080159
 Dilution Factor: 1

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>RPD</u>	<u>RPD LIMITS</u>	<u>METHOD</u>
TPH (as Gasoline)	121	(72 - 140)			SW846 8015B
	116	(72 - 140)	4.1	(0-20)	SW846 8015B

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Trifluorotoluene	80	(10 - 150)
	62	(10 - 150)

NOTE(S) :

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Volatiles

Client Lot #....: 8C12198 Work Order #....: KJW7J1AC-LCS Matrix.....: WATER
 LCS Lot-Sample#: A8C200000-159 KJW7J1AD-LCSD
 Prep Date.....: 03/19/08 Analysis Date...: 03/19/08
 Prep Batch #....: 8080159
 Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
TPH (as Gasoline)	200	240	ug/L	121		SW846 8015B
	200	230	ug/L	116	4.1	SW846 8015B
SURROGATE			PERCENT RECOVERY	RECOVERY LIMITS		
Trifluorotoluene			80	(10 - 150)		
			62	(10 - 150)		

NOTE(S) :

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #....: 8C12198 Work Order #....: KJ0T41AC-LCS Matrix.....: WATER
 LCS Lot-Sample#: A8C210000-078 KJ0T41AD-LCSD
 Prep Date.....: 03/20/08 Analysis Date...: 03/20/08
 Prep Batch #....: 8081078
 Dilution Factor: 1

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>RPD</u>	<u>RPD LIMITS</u>	<u>METHOD</u>
TPH (as Gasoline)	116	(72 - 140)			SW846 8015B
	122	(72 - 140)	5.5	(0-20)	SW846 8015B

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Trifluorotoluene	84	(10 - 150)
	84	(10 - 150)

NOTE(S) :

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Volatiles

Client Lot #....: 8C12198 Work Order #....: KJ0T41AC-LCS Matrix.....: WATER
 LCS Lot-Sample#: A8C210000-078 KJ0T41AD-LCSD
 Prep Date.....: 03/20/08 Analysis Date...: 03/20/08
 Prep Batch #....: 8081078
 Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
TPH (as Gasoline)	200	230	ug/L	116		SW846 8015B
	200	240	ug/L	122	5.5	SW846 8015B
SURROGATE			PERCENT RECOVERY	RECOVERY LIMITS		
Trifluorotoluene			84	(10 - 150)		
			84	(10 - 150)		

NOTE (S) :

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8C12198 Work Order #...: KJE361AC-MS Matrix.....: WG
 MS Lot-Sample #: A8C120198-002 KJE361AD-MSD
 Date Sampled...: 03/10/08 15:15 Date Received...: 03/12/08
 Prep Date.....: 03/19/08 Analysis Date...: 03/19/08
 Prep Batch #...: 8079198
 Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	100	(78 - 118)			SW846 8260B
	103	(78 - 118)	3.6	(0-20)	SW846 8260B
Chlorobenzene	98	(76 - 117)			SW846 8260B
	99	(76 - 117)	1.2	(0-20)	SW846 8260B
1,1-Dichloroethene	99	(62 - 130)			SW846 8260B
	105	(62 - 130)	5.9	(0-20)	SW846 8260B
Toluene	100	(70 - 119)			SW846 8260B
	100	(70 - 119)	0.53	(0-20)	SW846 8260B
Trichloroethene	94	(62 - 130)			SW846 8260B
	96	(62 - 130)	2.2	(0-20)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	94	(73 - 122)
	98	(73 - 122)
1,2-Dichloroethane-d4	104	(61 - 128)
	102	(61 - 128)
Toluene-d8	94	(76 - 110)
	92	(76 - 110)
4-Bromofluorobenzene	96	(74 - 116)
	97	(74 - 116)

NOTE (S) :

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #....: 8C12198 Work Order #....: KJE361AC-MS Matrix.....: WG
 MS Lot-Sample #: A8C120198-002 KJE361AD-MSD
 Date Sampled....: 03/10/08 15:15 Date Received...: 03/12/08
 Prep Date.....: 03/19/08 Analysis Date...: 03/19/08
 Prep Batch #....: 8079198
 Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Benzene	ND	10	10	ug/L	100		SW846 8260B
	ND	10	10	ug/L	103	3.6	SW846 8260B
Chlorobenzene	ND	10	9.8	ug/L	98		SW846 8260B
	ND	10	9.9	ug/L	99	1.2	SW846 8260B
1,1-Dichloroethene	ND	10	9.9	ug/L	99		SW846 8260B
	ND	10	11	ug/L	105	5.9	SW846 8260B
Toluene	ND	10	10	ug/L	100		SW846 8260B
	ND	10	10	ug/L	100	0.53	SW846 8260B
Trichloroethene	ND	10	9.4	ug/L	94		SW846 8260B
	ND	10	9.6	ug/L	96	2.2	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	94	(73 - 122)
	98	(73 - 122)
1,2-Dichloroethane-d4	104	(61 - 128)
	102	(61 - 128)
Toluene-d8	94	(76 - 110)
	92	(76 - 110)
4-Bromofluorobenzene	96	(74 - 116)
	97	(74 - 116)

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.
 Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8C12198 Work Order #...: KJFJF1AC-MS Matrix.....: WATER
 MS Lot-Sample #: A8C120238-007 KJFJF1AD-MSD
 Date Sampled...: 03/11/08 09:35 Date Received...: 03/12/08
 Prep Date.....: 03/19/08 Analysis Date...: 03/19/08
 Prep Batch #...: 8080147
 Dilution Factor: 20

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	95	(78 - 118)			SW846 8260B
	102	(78 - 118)	6.4	(0-20)	SW846 8260B
Chlorobenzene	93	(76 - 117)			SW846 8260B
	97	(76 - 117)	3.9	(0-20)	SW846 8260B
1,1-Dichloroethene	97	(62 - 130)			SW846 8260B
	100	(62 - 130)	3.2	(0-20)	SW846 8260B
Toluene	96	(70 - 119)			SW846 8260B
	99	(70 - 119)	3.5	(0-20)	SW846 8260B
Trichloroethene	88	(62 - 130)			SW846 8260B
	101	(62 - 130)	7.4	(0-20)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	95	(73 - 122)
	96	(73 - 122)
1,2-Dichloroethane-d4	102	(61 - 128)
	99	(61 - 128)
Toluene-d8	93	(76 - 110)
	91	(76 - 110)
4-Bromofluorobenzene	96	(74 - 116)
	92	(74 - 116)

NOTE(S) :

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #....: 8C12198 Work Order #....: KJFJF1AC-MS Matrix.....: WATER
 MS Lot-Sample #: A8C120238-007 KJFJF1AD-MSD
 Date Sampled...: 03/11/08 09:35 Date Received...: 03/12/08
 Prep Date.....: 03/19/08 Analysis Date...: 03/19/08
 Prep Batch #....: 8080147
 Dilution Factor: 20

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Benzene	26	200	220	ug/L	95		SW846 8260B
	26	200	230	ug/L	102	6.4	SW846 8260B
Chlorobenzene	ND	200	190	ug/L	93		SW846 8260B
	ND	200	190	ug/L	97	3.9	SW846 8260B
1,1-Dichloroethene	ND	200	190	ug/L	97		SW846 8260B
	ND	200	200	ug/L	100	3.2	SW846 8260B
Toluene	12	200	200	ug/L	96		SW846 8260B
	12	200	210	ug/L	99	3.5	SW846 8260B
Trichloroethene	140	200	310	ug/L	88		SW846 8260B
	140	200	340	ug/L	101	7.4	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	95	(73 - 122)
	96	(73 - 122)
1,2-Dichloroethane-d4	102	(61 - 128)
	99	(61 - 128)
Toluene-d8	93	(76 - 110)
	91	(76 - 110)
4-Bromofluorobenzene	96	(74 - 116)
	92	(74 - 116)

NOTE (S) :

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8C12198 Work Order #...: KJK8W1AC-MS Matrix.....: WG
 MS Lot-Sample #: A8C140169-001 KJK8W1AD-MSD
 Date Sampled...: 03/12/08 16:15 Date Received...: 03/14/08
 Prep Date.....: 03/20/08 Analysis Date...: 03/20/08
 Prep Batch #...: 8080260
 Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	98	(78 - 118)			SW846 8260B
	98	(78 - 118)	0.23	(0-20)	SW846 8260B
Chlorobenzene	96	(76 - 117)			SW846 8260B
	95	(76 - 117)	0.93	(0-20)	SW846 8260B
1,1-Dichloroethene	93	(62 - 130)			SW846 8260B
	95	(62 - 130)	1.9	(0-20)	SW846 8260B
Toluene	98	(70 - 119)			SW846 8260B
	98	(70 - 119)	0.47	(0-20)	SW846 8260B
Trichloroethene	92	(62 - 130)			SW846 8260B
	90	(62 - 130)	2.1	(0-20)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(73 - 122)
	96	(73 - 122)
1,2-Dichloroethane-d4	104	(61 - 128)
	100	(61 - 128)
Toluene-d8	94	(76 - 110)
	92	(76 - 110)
4-Bromofluorobenzene	93	(74 - 116)
	90	(74 - 116)

NOTE (S) :

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #....: 8C12198 Work Order #....: KJK8W1AC-MS Matrix.....: WG
 MS Lot-Sample #: A8C140169-001 KJK8W1AD-MSD
 Date Sampled....: 03/12/08 16:15 Date Received...: 03/14/08
 Prep Date.....: 03/20/08 Analysis Date...: 03/20/08
 Prep Batch #....: 8080260
 Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Benzene	ND	10	9.8	ug/L	98		SW846 8260B
	ND	10	9.8	ug/L	98	0.23	SW846 8260B
Chlorobenzene	ND	10	9.6	ug/L	96		SW846 8260B
	ND	10	9.5	ug/L	95	0.93	SW846 8260B
1,1-Dichloroethene	ND	10	9.3	ug/L	93		SW846 8260B
	ND	10	9.5	ug/L	95	1.9	SW846 8260B
Toluene	ND	10	9.8	ug/L	98		SW846 8260B
	ND	10	9.8	ug/L	98	0.47	SW846 8260B
Trichloroethene	ND	10	9.2	ug/L	92		SW846 8260B
	ND	10	9.0	ug/L	90	2.1	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(73 - 122)
	96	(73 - 122)
1,2-Dichloroethane-d4	104	(61 - 128)
	100	(61 - 128)
Toluene-d8	94	(76 - 110)
	92	(76 - 110)
4-Bromofluorobenzene	93	(74 - 116)
	90	(74 - 116)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.
 Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8C12198 Work Order #...: KJNPQ1AC-MS Matrix.....: WATER
 MS Lot-Sample #: A8C150165-011 KJNPQ1AD-MSD
 Date Sampled...: 03/11/08 16:05 Date Received...: 03/15/08
 Prep Date.....: 03/25/08 Analysis Date...: 03/25/08
 Prep Batch #...: 8085322
 Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	94	(78 - 118)			SW846 8260B
	96	(78 - 118)	1.7	(0-20)	SW846 8260B
Chlorobenzene	95	(76 - 117)			SW846 8260B
	96	(76 - 117)	0.43	(0-20)	SW846 8260B
1,1-Dichloroethene	95	(62 - 130)			SW846 8260B
	96	(62 - 130)	1.4	(0-20)	SW846 8260B
Toluene	99	(70 - 119)			SW846 8260B
	98	(70 - 119)	1.1	(0-20)	SW846 8260B
Trichloroethene	87	(62 - 130)			SW846 8260B
	87	(62 - 130)	0.03	(0-20)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(73 - 122)
	95	(73 - 122)
1,2-Dichloroethane-d4	104	(61 - 128)
	99	(61 - 128)
Toluene-d8	94	(76 - 110)
	90	(76 - 110)
4-Bromofluorobenzene	102	(74 - 116)
	103	(74 - 116)

NOTE(S) :

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8C12198 Work Order #...: KJNPQ1AC-MS Matrix.....: WATER
 MS Lot-Sample #: A8C150165-011 KJNPQ1AD-MSD
 Date Sampled...: 03/11/08 16:05 Date Received...: 03/15/08
 Prep Date.....: 03/25/08 Analysis Date...: 03/25/08
 Prep Batch #...: 8085322
 Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Benzene	ND	10	9.4	ug/L	94		SW846 8260B
	ND	10	9.6	ug/L	96	1.7	SW846 8260B
Chlorobenzene	ND	10	9.5	ug/L	95		SW846 8260B
	ND	10	9.6	ug/L	96	0.43	SW846 8260B
1,1-Dichloroethene	ND	10	9.5	ug/L	95		SW846 8260B
	ND	10	9.6	ug/L	96	1.4	SW846 8260B
Toluene	ND	10	9.9	ug/L	99		SW846 8260B
	ND	10	9.8	ug/L	98	1.1	SW846 8260B
Trichloroethene	ND	10	8.7	ug/L	87		SW846 8260B
	ND	10	8.7	ug/L	87	0.03	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(73 - 122)
	95	(73 - 122)
1,2-Dichloroethane-d4	104	(61 - 128)
	99	(61 - 128)
Toluene-d8	94	(76 - 110)
	90	(76 - 110)
4-Bromofluorobenzene	102	(74 - 116)
	103	(74 - 116)

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.
 Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...: 8C12198 Work Order #...: KJE361AF-MS Matrix.....: WG
 MS Lot-Sample #: A8C120198-002 KJE361AG-MSD
 Date Sampled...: 03/10/08 15:15 Date Received...: 03/12/08
 Prep Date.....: 03/13/08 Analysis Date...: 03/13/08
 Prep Batch #...: 8074323
 Dilution Factor: 1

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>RPD</u>	<u>RPD LIMITS</u>	<u>METHOD</u>
TPH (as Gasoline)	93	(63 - 143)			SW846 8015B
	86	(63 - 143)	5.9	(0-20)	SW846 8015B

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Trifluorotoluene	80	(10 - 150)
	83	(10 - 150)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.
 Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC Volatiles

Client Lot #...: 8C12198 Work Order #...: KJE361AF-MS Matrix.....: WG
 MS Lot-Sample #: A8C120198-002 KJE361AG-MSD
 Date Sampled...: 03/10/08 15:15 Date Received...: 03/12/08
 Prep Date.....: 03/13/08 Analysis Date...: 03/13/08
 Prep Batch #...: 8074323
 Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
TPH (as Gasoline)	33	200	220	ug/L	93		SW846 8015B
	33	200	210	ug/L	86	5.9	SW846 8015B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Trifluorotoluene	80	(10 - 150)
	83	(10 - 150)

NOTE (S) :

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #....: 8C12198 Work Order #....: KJK8W1AF-MS Matrix.....: WG
 MS Lot-Sample #: A8C140169-001 KJK8W1AG-MSD
 Date Sampled...: 03/12/08 16:15 Date Received...: 03/14/08
 Prep Date.....: 03/19/08 Analysis Date...: 03/19/08
 Prep Batch #....: 8079398
 Dilution Factor: 1

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>RPD</u>	<u>RPD LIMITS</u>	<u>METHOD</u>
TPH (as Gasoline)	94	(63 - 143)			SW846 8015B
	95	(63 - 143)	0.24	(0-20)	SW846 8015B
<u>SURROGATE</u>		<u>PERCENT RECOVERY</u>		<u>RECOVERY LIMITS</u>	
Trifluorotoluene		84		(10 - 150)	
		78		(10 - 150)	

NOTE (S) :

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC Volatiles

Client Lot #....: 8C12198 Work Order #....: KJK8W1AF-MS Matrix.....: WG
 MS Lot-Sample #: A8C140169-001 KJK8W1AG-MSD
 Date Sampled...: 03/12/08 16:15 Date Received...: 03/14/08
 Prep Date.....: 03/19/08 Analysis Date...: 03/19/08
 Prep Batch #....: 8079398
 Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
TPH (as Gasoline)	36	200	220	ug/L	94		SW846 8015B
	36	200	230	ug/L	95	0.24	SW846 8015B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Trifluorotoluene	84	(10 - 150)
	78	(10 - 150)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...: 8C12198 Work Order #...: KJMCC1AG-MS Matrix.....: WATER
 MS Lot-Sample #: A8C140267-013 KJMCC1AH-MSD
 Date Sampled...: 03/12/08 11:15 Date Received...: 03/14/08
 Prep Date.....: 03/20/08 Analysis Date...: 03/20/08
 Prep Batch #...: 8080159
 Dilution Factor: 500

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>RPD</u>	<u>RPD LIMITS</u>	<u>METHOD</u>
TPH (as Gasoline)	129	(63 - 143)			SW846 8015B
	0.0 a	(63 - 143)	0.0	(0-20)	SW846 8015B

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Trifluorotoluene	83	(10 - 150)
	67	(10 - 150)

NOTE(S) :

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC Volatiles

Client Lot #....: 8C12198 Work Order #....: KJMCC1AG-MS Matrix.....: WATER
 MS Lot-Sample #: A8C140267-013 KJMCC1AH-MSD
 Date Sampled...: 03/12/08 11:15 Date Received...: 03/14/08
 Prep Date.....: 03/20/08 Analysis Date...: 03/20/08
 Prep Batch #....: 8080159
 Dilution Factor: 500

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
TPH (as Gasoline)	300000	100000	430000	ug/L	129		SW846 8015B
	300000	100000	230000	ug/L	0.0 a	0.0	SW846 8015B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Trifluorotoluene	83	(10 - 150)
	67	(10 - 150)

NOTE (S) :

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...: 8C12198 Work Order #...: KJMCL1AF-MS Matrix.....: WATER
 MS Lot-Sample #: A8C140267-019 KJMCL1AG-MSD
 Date Sampled...: 03/12/08 09:30 Date Received...: 03/14/08
 Prep Date.....: 03/20/08 Analysis Date...: 03/20/08
 Prep Batch #...: 8081078
 Dilution Factor: 20

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>RPD</u>	<u>RPD LIMITS</u>	<u>METHOD</u>
TPH (as Gasoline)	319 a	(63 - 143)			SW846 8015B
	0.0 a	(63 - 143)	0.0	(0-20)	SW846 8015B

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Trifluorotoluene	74	(10 - 150)
	75	(10 - 150)

NOTE(S) :

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC Volatiles

Client Lot #....: 8C12198 Work Order #....: KJMCL1AF-MS Matrix.....: WATER
 MS Lot-Sample #: A8C140267-019 KJMCL1AG-MSD
 Date Sampled....: 03/12/08 09:30 Date Received...: 03/14/08
 Prep Date.....: 03/20/08 Analysis Date...: 03/20/08
 Prep Batch #....: 8081078
 Dilution Factor: 20

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
TPH (as Gasoline)	16000	4000	29000	ug/L	319 a		SW846 8015B
	16000	4000	12000	ug/L	0.0 a	0.0	SW846 8015B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Trifluorotoluene	74	(10 - 150)
	75	(10 - 150)

NOTE (S) :

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.



CHAIN-OF-CUSTODY / Analytical Request Document

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

PAGE 1 OF 1

ID #
№ 09003

SSOW Ref. Code:
E095007

Required Client Information:

Company: CEA	Report To: Susan Scrochi
Address: 2055 Niagara Falls Blvd. Niagara Falls, N.Y. 14304	Copy To: Phil Harvey
Phone: 716 297 6150	Project Name: GPM Fairway
Fax: 716 297 6296	Project Number: 12559-05-
E-mail: sscrochi@cea-world.com	

Laboratory: Test America
Laboratory Location: North Canton OH
Laboratory Contact: Denise Heikler
Requested Due Date: TAT
QA/QC Requirements: MS/MSD, Rinsate

Sample Identification:

Valid Matrix Codes:	Matrix Code	Date Collected	Time Collected	# Containers	Unpreserved	HCl	H2SO4	HNO3	NaOH	Other:	Analysis and Method	Remarks/Lab ID
WG Groundwater WB Borehole Water WS Surface Water SO Soil SE Sediment See Back for Additional Codes												
1. GW-031008-JH-001	WG	3/11/08	145	5	X						TCL-VOC	
2. 002			515	15	X						TPH-GRO	MS/MSD
3. 003			1705	5	X							
4. GW-031108-JH-004		3/11/08	840	5	X							
5. 005			958	5	X							
6. 006			1635	5	X							
7. 007	WG		1100	5	X							
8. 008	WG		1125	5	X							
9. 009	WG		1245	5	X							
10. 010			1335	5	X							
11. 011			1425	5	X							
12. 012			1455	5	X							
13. 013			1545	5	X							
14. Trip Blank-A	WG			1	X							
15. Temp Blank				1	X							

TOTAL NUMBER OF CONTAINERS

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
FEK-X	1	Phil Harvey / CEA	3/11/08	1900	Susan Scrochi / MS/MSD	3/13/08	9:30am
AIRBILL NO. 8038	3986	2204					

Sample Condition

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

Additional Comments:

Sampler Name:

Sampler Signature:

Date:

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

TestAmerica Cooler Receipt Form/Narrative
North Canton Facility

Lot Number: A8C120198

Client CRA Project _____ By: [Signature]
 Cooler Received on 3/12/08 Opened on 3/12/08 (Signature)

FedEx ☒ UPS ☐ DHL ☐ FAS ☐ Stetson ☐ Client Drop Off ☐ TestAmerica Courier ☐ Other _____
 TestAmerica Cooler # L855 Multiple Coolers ☐ Foam Box ☐ Client Cooler ☐ Other _____

1. Were custody seals on the outside of the cooler(s)? Yes ☐ No ☒ Intact? Yes ☐ No ☐ NA ☒
 If YES, Quantity _____
 Were custody seals on the outside of cooler(s) signed and dated? Yes ☐ No ☐ NA ☒
 Were custody seals on the bottle(s)? Yes ☐ No ☒
 If YES, are there any exceptions? _____ Yes ☒ No ☐
 2. Shippers' packing slip attached to the cooler(s)? Yes ☒ No ☐ Relinquished by client? Yes ☒ No ☐
 3. Did custody papers accompany the sample(s)? Yes ☒ No ☐ Yes ☒ No ☐
 4. Were the custody papers signed in the appropriate place? Yes ☒ No ☐
 5. Packing material used: Bubble Wrap ☒ Foam ☒ None ☐ Other _____
 6. Cooler temperature upon receipt 28 °C See back of form for multiple coolers/temps ☐
 METHOD: IR ☒ Other ☐
 COOLANT: Wet Ice ☒ Blue Ice ☐ Dry Ice ☐ Water ☐ None ☐
 7. Did all bottles arrive in good condition (Unbroken)? Yes ☒ No ☐
 8. Could all bottle labels be reconciled with the COC? Yes ☒ No ☐
 9. Were sample(s) at the correct pH upon receipt? Yes ☒ No ☐ NA ☒
 10. Were correct bottle(s) used for the test(s) indicated? Yes ☒ No ☐ NA ☐
 11. Were air bubbles >6 mm in any VOA vials? Yes ☒ No ☐ NA ☐
 12. Sufficient quantity received to perform indicated analyses? Yes ☒ No ☐
 13. Was a trip blank present in the cooler(s)? Yes ☒ No ☐ Were VOAs on the COC? Yes ☒ No ☐
 Contacted PM _____ Date _____ by _____ via Verbal ☐ Voice Mail ☐ Other ☐
 Concerning _____

14. CHAIN OF CUSTODY

The following discrepancies occurred:

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
 Sample(s) _____ were received in a broken container.
 Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in sample receiving to meet recommended pH level(s). Nitric Acid Lot# 071707-HNO₃; Sulfuric Acid Lot# 092006-H₂SO₄; Sodium Hydroxide Lot# 122805 -NaOH; Hydrochloric Acid Lot# 092006-HCl; Sodium Hydroxide and Zinc Acetate Lot# 050205-CH₃COO₂ZN/NaOH.

What time was preservative added to sample(s)? _____

Client ID	pH	Date	Initials

TestAmerica Cooler Receipt Form/Narrative
North Canton Facility

[illegible]

Discrepancies Cont'd

[illegible]



CHAIN-OF-CUSTODY / Analytical Request Document

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

PAGE 1 OF 1

ID#
№ 09000

SSOW Ref Code:
E 095007

Required Client Information:

Company:	CRH	Report To:	Susan Scocchi
Address:	2055 Niagara Falls Blvd, Niagara Falls, NY 14304	Copy To:	Phil Harvey
Phone:	716 297 6150	Project Name:	G-M Fairfax
Fax:	716 297 6296	Project Number:	12559-05-202040
E-mail:	SScocchi@CRHworld.com		

Laboratory:	Test America
Laboratory Location:	N. Canton OH
Laboratory Contact:	Dennis Hecker
Requested Due Date:	
QA/QC Requirements:	Duplicate, field blank

Analysis and Method

Sample Identification:

Sample Identification:	Valid Matrix Codes: WG Groundwater WB Borehole Water WS Surface Water SO Soil SE Sediment See Back for Additional Codes	Matrix Code	Date Collected	Time Collected	# Containers	Unpreserved	Preservative					TCL-VOC	TPH-GRO	Remarks/Lab ID
							HCl	H2SO4	HNO3	NaOH	Other:			
1. GW-031108-JH-014		WG	3/11/08	1650	5	X								
2. GW-031208-JH-015			3/12/08	840	5	X								
3. 016				920	5	X								
4. 017				950	5	X								
5. 018				1025	5	X								
6. 019				1110	5	X								
7. 020				1200	5	X								
8. 021				1230	5	X								
9. 022				1305	5	X								
10. 023				1340	5	X								
11. 024				1345	5	X								
12. 025				1420	5	X								
13. 026				1450	5	X								
14. 027				1540	5	X								
15. T-10 Blank-B		WA			1	X								
TOTAL NUMBER OF CONTAINERS 71														

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
Fed-X	1	Phil Harvey / CRH	3/12/08	1900	CRH	3.13.08	0930
AIRBILL NO.	863839861815						

Sample Condition

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

Additional Comments:

Sampler Name:

Sampler Signature:

Date:

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

TestAmerica Cooler Receipt Form/Narrative North Canton Facility

Lot Number: A90130258

Client CRA Project _____ Quote # _____
Cooler Received on 3-13-08 Opened on 3-13-08 By ASD
FedEx ☒ Client Drop Off ☐ UPS ☐ DHL ☐ FAS ☐ TestAmerica Courier ☐
Stetson ☐ US Cargo ☐ Other _____ (Signature)

TestAmerica Cooler # 1723 Foam Box ☐ Client Cooler ☐ Other _____

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

14. CHAIN OF CUSTODY

The following discrepancies occurred:

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in sample receiving to meet recommended pH level(s). Nitric Acid Lot #071707-HNO₃ - Sulfuric Acid Lot # 092006-H₂SO₄; Sodium Hydroxide Lot # 122805 -NaOH; Hydrochloric Acid Lot # 092006-HCl; Sodium Hydroxide and Zinc Acetate Lot # 050205-CH₃COO₂Zn/NaOH
What time was preservative added to sample(s)? _____

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

Client ID	pH	Date	Initials
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[illegible]



CHAIN-OF-CUSTODY / Analytical Request Document

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

Required Client Information:

Company: <u>CKA</u>	Report To: <u>Susan Scoochi</u>
Address: <u>2055 Niagara Falls Blvd, Niagara Falls, NY 14304</u>	Copy To: <u>Phil Harvey</u>
Phone: <u>716 297 6296</u>	Project Name: <u>GM Fairfax</u>
Fax: <u>716 297 6296</u>	Project Number: <u>12554-05-202040</u>
E-mail: <u>SSCOOCHI@CKAWORLD.COM</u>	

PAGE 1 OF 1

Laboratory: <u>Test America</u>
Laboratory Location: <u>Norton Ohio</u>
Laboratory Contact: <u>Dennis Hacker</u>
Requested Due Date: <u>TAT</u>
QA/QC Requirements: <u>Duplicate, Resub, MS/MSD</u>

ID #
№ 09001

SSOW Ref Code:
E095007

Sample Identification:

Sample Identification:	Valid Matrix Codes: WG Groundwater WB Borehole Water WS Surface Water SO Soil SE Sediment See Back for Additional Codes	Matrix Code	Date Collected	Time Collected	# Containers	Unpreserved	HCl	H2SO4	HNO3	NaOH	Other:	TCL-VOC	TPH-GRO	Remarks/Lab ID
1. <u>G-W-031208-JH-028</u>		<u>WG</u>	<u>3/12/08</u>	<u>1615</u>	<u>15</u>	<u>X</u>						<u>✓</u>	<u>✓</u>	<u>MS/MSD</u>
2. <u>G-W-031308-JH-029</u>			<u>3/13/08</u>	<u>850</u>	<u>5</u>	<u>X</u>						<u>✓</u>	<u>✓</u>	
3. <u>030</u>				<u>925</u>	<u>5</u>	<u>X</u>						<u>✓</u>	<u>✓</u>	
4. <u>031</u>				<u>945</u>	<u>5</u>	<u>X</u>						<u>✓</u>	<u>✓</u>	
5. <u>032</u>				<u>1025</u>	<u>5</u>	<u>X</u>						<u>✓</u>	<u>✓</u>	
6. <u>033</u>				<u>1115</u>	<u>5</u>	<u>X</u>						<u>✓</u>	<u>✓</u>	
7. <u>034</u>				<u>1150</u>	<u>5</u>	<u>X</u>						<u>✓</u>	<u>✓</u>	
8. <u>035</u>				<u>1340</u>	<u>5</u>	<u>X</u>						<u>✓</u>	<u>✓</u>	
9. <u>036</u>				<u>1350</u>	<u>5</u>	<u>X</u>						<u>✓</u>	<u>✓</u>	
10. <u>037</u>				<u>1425</u>	<u>5</u>	<u>X</u>						<u>✓</u>	<u>✓</u>	
11. <u>038</u>				<u>1440</u>	<u>5</u>	<u>X</u>						<u>✓</u>	<u>✓</u>	
12. <u>039</u>				<u>1510</u>	<u>5</u>	<u>X</u>						<u>✓</u>	<u>✓</u>	
13. <u>Temp Black-C</u>														
14. <u>Temp Black</u>														
15. <u>Temp Black</u>														

TOTAL NUMBER OF CONTAINERS

12

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
<u>Fed-X</u>	<u>1</u>	<u>John Harvey CKA</u>	<u>3/13/08</u>	<u>1900</u>	<u>[Signature]</u>	<u>3-14-08</u>	<u>9:30</u>
AIRBILL NO. <u>8638 39881026</u>							

Sample Condition

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

Additional Comments:

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

Sampler Name:

Sampler Signature:

Date:

John Harvey

3/13/08

TestAmerica Cooler Receipt Form/Narrative

 Lot Number: A8C1401169
North Canton Facility

 Client CEA Project _____ By: _____

 Cooler Received on 3-14-8 Opened on 3-14-8 (Signature) _____

 FedEx ☒ UPS ☐ DHL ☐ FAS ☐ Stetson ☐ Client Drop Off ☐ TestAmerica Courier ☐ Other ☐

 TestAmerica Cooler # L838 Multiple Coolers ☐ Foam Box ☐ Client Cooler ☐ Other ☐

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

If YES, Quantity _____

Were custody seals on the outside of cooler(s) signed and dated?

 Yes ☐ No ☐ NA ☒

Were custody seals on the bottle(s)?

 Yes ☐ No ☒

If YES, are there any exceptions? _____

2. Shippers' packing slip attached to the cooler(s)?

 Yes ☒ No ☐

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

 Relinquished by client? Yes ☒ No ☐

4. Were the custody papers signed in the appropriate place?

 Yes ☒ No ☐

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

 6. Cooler temperature upon receipt 3.7 °C See back of form for multiple coolers/temps ☐

 METHOD: IR ☒ Other ☐

 COOLANT: Wet Ice ☒ Blue Ice ☐ Dry Ice ☐ Water ☐ None ☐

7. Did all bottles arrive in good condition (Unbroken)?

 Yes ☒ No ☐

8. Could all bottle labels be reconciled with the COC?

 Yes ☒ No ☐

9. Were sample(s) at the correct pH upon receipt?

 Yes ☐ No ☐ NA ☒

10. Were correct bottle(s) used for the test(s) indicated?

 Yes ☒ No ☐

11. Were air bubbles >6 mm in any VOA vials?

 Yes ☐ No ☒ NA ☐

12. Sufficient quantity received to perform indicated analyses?

 Yes ☒ No ☐

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

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

Concerning _____

14. CHAIN OF CUSTODY

The following discrepancies occurred:

15. SAMPLE CONDITION

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

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

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

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in sample receiving

 to meet recommended pH level(s). Nitric Acid Lot# 071707-HNO₃; Sulfuric Acid Lot# 092006-H₂SO₄; Sodium Hydroxide Lot# 122805 -NaOH; Hydrochloric Acid Lot# 092006-HCl; Sodium Hydroxide and Zinc Acetate Lot# 050205-CH₃COO₂ZN/NaOH.

What time was preservative added to sample(s)? _____

Client ID	pH	Date	Initials

TestAmerica Cooler Receipt Form/Narrative
North Canton Facility

[illegible]

Discrepancies Cont'd

TestAmerica

FOR LEADERS, ENABLING BETTER TESTING

END OF REPORT

