

January 8, 2010

Mr. Brett Middleton
EnCana Oil & Gas (USA) Inc.
2717 County Rd. 215
Suite 100
Parachute, CO 81635

Re: West Divide Seep Area Third Quarter Monitoring Status Report for September 2009

Dear Mr. Middleton:

Olsson Associates (OA) has completed the third quarter of 2009 groundwater and surface-water monitoring for EnCana Oil & Gas (USA) Inc. (EnCana) at the West Divide Creek Gas Seep study area (**Figure 1**).

This report summarizes the status of the remediation system and the analytical results of surface-water and groundwater monitoring that was conducted in September 2009 and data collected since 2004 to monitor the impacts of the dissolved phase hydrocarbons comprised primarily of methane and benzene at the seep site.

Groundwater and Surface-Water Monitoring

OA collected groundwater samples from 21 out of the 24 monitoring wells and the Eicher and Langegger domestic water wells during the third quarter on September 16 and 17, 2009 (**Figure 1**). Two duplicate samples were also collected from the monitoring wells. Prior to sample collection, static water levels were measured in the monitoring wells to within 0.01 feet (ft) from the top of the PVC casing using an electronic water level. The wells were purged of static water using dedicated disposable bailers. Field parameters were obtained at the completion of purging activities and included temperature, specific conductance, dissolved oxygen, pH, total dissolved solids and turbidity using a Quanta water quality meter (**Appendix A**). Groundwater samples were collected following field parameter measurements.

OA collected eight (8) surface-water samples (DCS-1-8) and one duplicate sample on September 17, 2009 from West Divide Creek extending from the former seep area to the northern Langegger property line (**Figure 1**). Field parameters including temperature, specific conductance, dissolved oxygen, pH, total dissolved solids, and turbidity were also collected for each sample using the Quanta meter (**Appendix A**).

Water-quality samples collected during this period were analyzed by Accutest Labs (AL), formerly Evergreen Analytical Laboratory, Wheat Ridge, CO for the following analyses:

- BTEX/MTBE using EPA method 8021
- Total Dissolved methane using method RSK 175M
- Chloride (Cl) using method 300E
- Sodium (Na) using method SW6020

Isotopic methane was analyzed by Isotech Laboratories, Inc of Champaign, IL. Stable isotopes of carbon and hydrogen in methane, stable isotopes of carbon in ethane and propane and the gas composition were determined for total dissolved methane gas concentrations at locations with a history of total dissolved methane greater than 1.0 mg/L and on the Eicher property at MW-23 and in the creek at location DCS-2 (**Appendix B and Appendix C**).

Groundwater and surface-water samples were placed in the appropriate sample containers provided by AL, labeled, stored on ice, and delivered under chain-of-custody procedures to AL.

Site Hydrogeology and Hydrology

For this monitoring period, groundwater was encountered from near surface (in the seep area) to 25.12 (MW-21) feet below ground surface (ft-bgs), the lowest of the year and the lowest since 2006. The groundwater flow direction continues to be from the seep area towards the north, mimicking the flow direction of the creek (**Figure 2**). The groundwater gradient for this period of monitoring was 0.019 feet/foot (ft/ft), which is consistent with gradients measured during other monitoring periods.

The flow in the creek was typical for this monitoring period and low compared to the spring and summer flows. During September, the southeast side of the study area was flooded near MW-15 and MW-19 and therefore groundwater levels and groundwater samples were not acquired from these wells.

Groundwater Monitoring Results

A summary of laboratory analytical groundwater results for benzene, toluene, ethylene, total xylenes (BTEX), and total dissolved methane for September 2009 is presented in **Table 1**. **Table 2** contains the surface-water hydrocarbon results for September 2009. The extent of benzene concentrations for this monitoring period is shown in **Figure 3**. The distribution of total dissolved methane concentrations are shown in **Figure 4**. The September 2009 results are depicted in **Figure 5**. The September 2009 field parameters are contained in **Appendix A**. A summary of historical hydrocarbon analyses results for groundwater data collected since 2004 are contained in **Appendix B**. **Appendix C** contains a summary of historical hydrocarbon analyses results for surface-water data collected since 2004. The QA/QC data are contained in **Appendix D**. The thermogenic methane data for this monitoring period are summarized in **Appendix E**. The laboratory reports for September 2009 are in **Appendix F**. Graphs of chemical concentrations for selected wells are in **Appendix G**. This report including all of the laboratory reports is enclosed on a disk in the Adobe Acrobat format.

For September 2009, detections of benzene were found in monitoring wells 2, 4, 9, 12, 14 and 17 (**Table 1**). Benzene concentrations were detected above the state standard of 5 µg/L in the following monitoring wells: 160 µg/L at MW-2; 100 µg/L at MW-4; and 41 µg/L at MW-17. These wells have generally been the only monitoring wells in the seep area that have been consistently above the state standard. The wells with benzene detections below the state standard were MW-9 at 1.9 µg/L, MW-12 at 1.0 mg/L and MW-14 at 1.9 µg/L (**Table 1 and Figure 5**). Toluene was not detected in any of the monitoring wells and ethylbenzene was detected below state standards at MW-2 with 2.5 µg/L and at MW-4 with 3.7 µg/L (**Table 1 and Figure 5**). Total xylenes were detected in MW-2 at 20.1 µg/L and in MW-4 at 32.9 µg/L, which are concentrations below the state standard (**Table 1 and Figure 5**). The data continues to show an overall decreasing trend in hydrocarbon concentrations, but does show some increases in concentrations related to seasonal fluctuations in groundwater levels (**Appendix G**).

Surface-Water Monitoring Results

A summary of historical surface-water results for hydrocarbons is contained in **Appendix C**. Laboratory results for this monitoring period indicate that BTEX compounds were not detected above the lower laboratory reporting limit in any of the Divide Creek surface-water samples (**Table 2**). The results to date continue to indicate that hydrocarbon concentrations above the lower laboratory reporting limit have not been detected in the creek since April of 2005 (**Appendix C**).

Methane Results for Groundwater and Surface Water

The AL laboratory results for methane are reported as total dissolved methane. This includes both biogenic (methane gas generated by biologic reduction of organic matter) and thermogenic methane (methane gas generated by thermal reduction of deeply buried organic matter). Total dissolved methane above the lower method detection level is generally detected in all monitoring wells in the study area. As previously observed in the seep area, the highest concentrations of total dissolved methane in the groundwater are located in close proximity to the seep at wells MW-2 and MW-4 at concentrations of 7.5 mg/L and 8.1 mg/L (**Table 1 and Figure 4**). Total dissolved methane concentrations of less than 0.006 mg/L were found in all of the Divide Creek sample locations (**Table 2**).

Isotopic samples were collected from monitoring wells 2, 4, 9, 14, 17 and 23 and creek location DCS-2 during this monitoring period. The results for these locations are shown in **Appendix F**. All of these estimated thermogenic concentrations are less than the initial concentrations, but have remained stable at the estimated concentrations since 2007 (**Appendix B**).

Divide Creek Seep Remediation Status

The air sparge remediation system was operated during this quarter with minimum downtime. Monitoring has continuously shown that the air sparge remediation system has successfully contained migration of the hydrocarbon plume with the treatment time of 12 hr/day. The data continues to indicate the hydrocarbon concentrations are below the lower laboratory reporting limits within and downgradient of the area of the treatment wells. OA will continue to evaluate remedial options in the area upgradient of the present air sparge array. During this quarter air treatment was continued in MW-4. An air sparging line was reinstalled in MW-4 and was operated continuously for the quarter. The data indicates that the air treatment has been effective in reducing hydrocarbon concentrations in the well. The air treatment in this well will continue until the spring quarter.

Monitoring wells MW-2, 4, 9, 12, 14, 16 and 17 located near the seep and in the area of the remediation system have shown decreasing concentrations of benzene since the initial discovery of the seep in 2004 (**Appendix G**). Benzene concentrations greater than the state standard and total dissolved methane concentrations greater than 1 mg/L in groundwater are primarily located within 250 feet of the seep. Total dissolved methane concentrations have been reduced significantly downgradient of the remediation system.

Planned Activities for the Next Quarter

The following activities are planned for the next quarter:

- Obtain water levels from all monitoring wells;

- Sample all monitoring well and surface-water locations and the Eicher domestic well for analyses of BTEX, total dissolved methane, chloride and sulfide.
- Obtain water quality samples for methane isotopic analysis at monitoring locations MW-2,4,9,14,17 and 23 and surface-water location DCS-2;
- Continue with the air treatment of MW-4;
- Repair down hole airlines on all air sparge wells;
- Perform maintenance on the air sparge system; and
- Reduce the air sparge treatment time to 8 hrs/day

OA appreciates the opportunity to provide services to EnCana Oil & Gas (USA) Inc. If you have any questions or concerns regarding this information, please contact me at (303) 237-2072.

Sincerely,



Brad Stephenson, P.G.
Senior Hydrogeologist

cc: Margaret Ash
Lisa Bracken
Steve Thompson
Pepi Langegger
Kathy Friesen

Attachments

TABLES

Table 1

Summary of September 2009 Groundwater Analytical Results and Groundwater Elevations
 EnCana, West Divide Creek Seep
 Garfield County, Colorado

Sample ID	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylene (ug/L)	Total Dissolved Methane (mg/L)	Estimated Thermogenic Methane (mg/L)	Groundwater Elevation (ft-msl)
CBGWQS (ug/L)		5	1000	680	10000			
MW-01	16-Sep-09	<1	<2	<2	<2	0.0022		5951.55
MW-02	16-Sep-09	160	<2	2.5	20.1	7.5	5.7	5950.28
MW-04	16-Sep-09	100	<2	3.70	32.9	8.1	6.1	5954.83
MW-06	16-Sep-09	<1	<2	<2	<2	0.0014		5952.49
MW-07	16-Sep-09	<1	<2	<2	<2	0.0028		5951.05
MW-08	16-Sep-09	<1	<2	<2	<2	<0.0008		5949.24
MW-09	16-Sep-09	1.3	<2	<2	<2	6.6	4.4	5960.75
MW-11	17-Sep-09	<1	<2	<2	<2	0.16		5965.18
MW-12	16-Sep-09	1.0	<2	<2	<2	3.7		5960.93
MW-13	16-Sep-09							PLUGGED
MW-14	16-Sep-09	1.9	<2	<2	<2	5.7	3.7	5959.96
MW-15	16-Sep-09							FLOODED
MW-16	16-Sep-09	<1	<2	<2	<2	1.8		5954.06
MW-16D	16-Sep-09	<1	<2	<2	<2	1.5		5954.06
MW-17	16-Sep-09	41	<2	<2	<2	4.2	2.3	5950.39
MW-18	16-Sep-09	<1	<2	<2	<2	<0.0008		5947.93
MW-19	16-Sep-09							FLOODED
MW-20	16-Sep-09	<1	<2	<2	<2	<0.0008		5943.92
MW-21	16-Sep-09	<1	<2	<2	<2	0.002		5944.33
MW-22	16-Sep-09	<1	<2	<2	<2	<0.0008		5945.34
MW-23	16-Sep-09	<1	<2	<2	<2	<0.0008	<0.0008	5935.69
MW-23D	16-Sep-09	<1	<2	<2	<2	0.0011		5935.69
MW-24	17-Sep-09	<1	<2	<2	<2	0.6		5950.53
MW-25	17-Sep-09	<1	<2	<2	<2	0.11		5968.06
MW-26	17-Sep-09	<1	<2	<2	<2	0.049		5953.05
MW-27	16-Sep-09	<1	<2	<2	<2	0.0015		5944.80
EICH2	16-Sep-09	<1	<2	<2	<2	0.1		NOT MEASURED
LANGWW	17-Sep-09	<1	<2	<2	<2	<0.0008		NOT MEASURED

CBGWQS = Colorado Basic Ground Water Quality Standard

160 - Bold exceeds CBGWQS

ug/L - micrograms/Liter

mg/L - milligrams/Liter

Blank cell - not analyzed/not collected

ft-msl - feet above mean sea level

D - Duplicate sample

< - Not detected above indicated reporting level

BTEX analyzed by EPA Method 8021

Total Dissolved Methane analyzed by EPA Method RSK175M

Table 2

Summary of Surface-Water Analytical Results for September 2009
 EnCana, West Divide Creek Seep
 Garfield County, Colorado

Location ID	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylene (ug/L)	Total Dissolved Methane (mg/L)	Estimated Thermogenic Methane (mg/L)
Colorado RBSLs (ug/L)		5	1000	680	10,000		
DCS-1	17-Sep-09	<1	<2	<2	<2	0.0015	
DCS-2	17-Sep-09	<1	<2	<2	<2	0.0029	<0.0008
DCS-3	17-Sep-09	<1	<2	<2	<2	0.0017	
DCS-4	17-Sep-09	<1	<2	<2	<2	0.0042	
DCS-5	17-Sep-09	<1	<2	<2	<2	0.0042	
DCS-6	17-Sep-09	<1	<2	<2	<2	0.0051	
DCS-7	17-Sep-09	<1	<2	<2	<2	0.0054	
DCS-8	17-Sep-09	<1	<2	<2	<2	0.0038	

200 - **Bold** exceeds Colorado RBSLs

ug/L - micrograms/liter

mg/L - milligrams/Liter

Blank cell - not analyzed/not collected

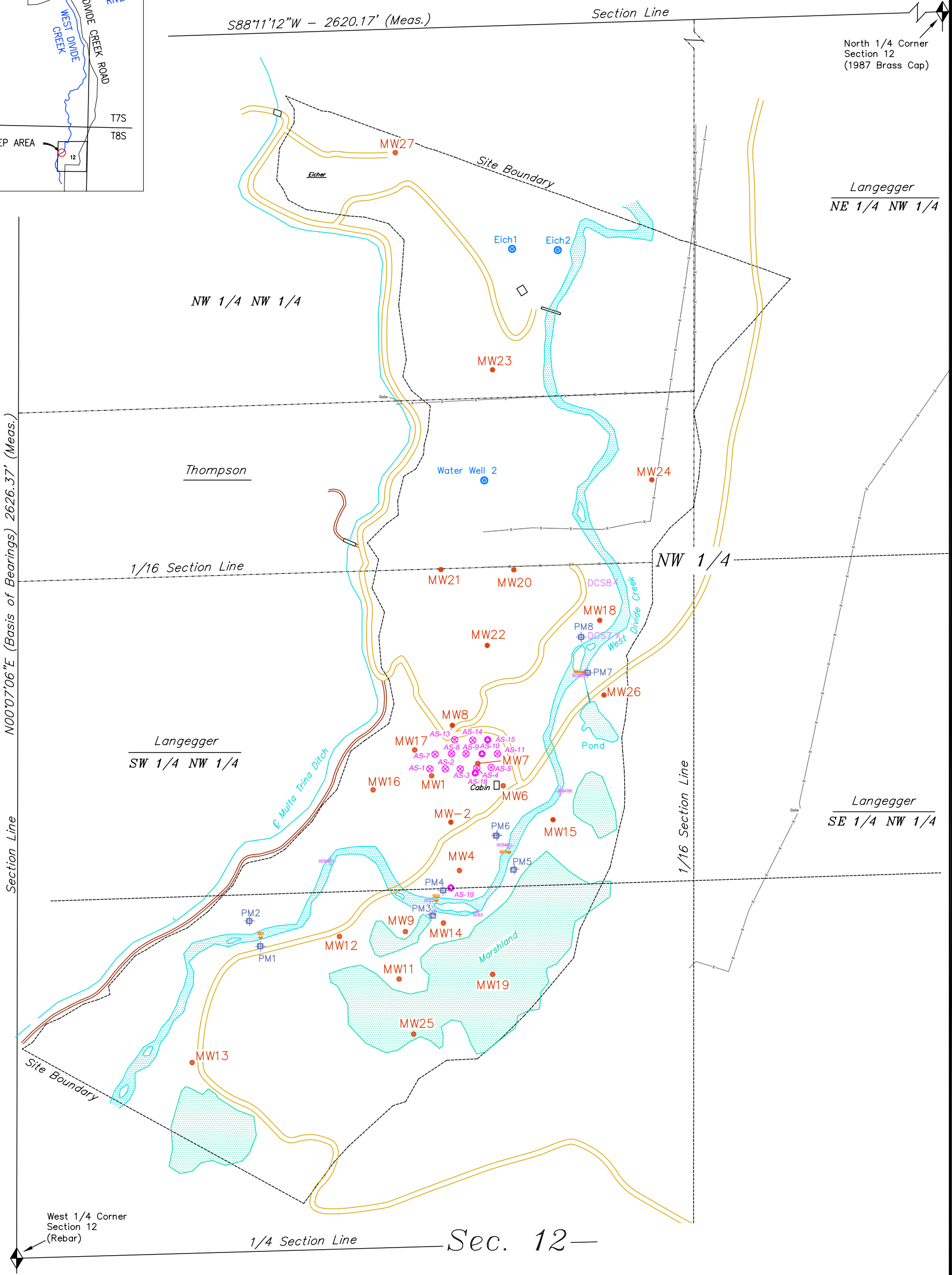
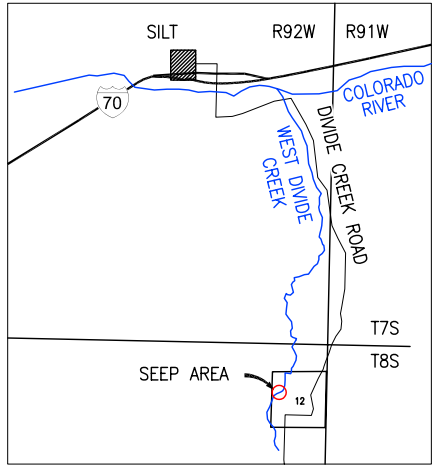
D - Duplicate Sample

< - Not detected above indicated reporting level

BTEX analyzed by EPA Method 8021

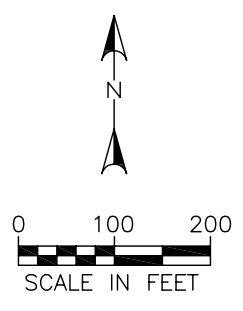
Total Dissolved Methane analyzed by EPA Method RSK175M

FIGURES



LEGEND

- = SECTION CORNERS FOUND
- = FENCE
- = OLD FENCE
- = PROPERTY LINE
- = DRAINAGE
- = STREAM GAUGE
- = PIEZOMETER
- = DIVIDE CREEK SAMPLE
- = AIR SPARGE WELL LOCATION
- = NESTED AIR SPARGE WELL LOCATION
- = MONITORING WELL



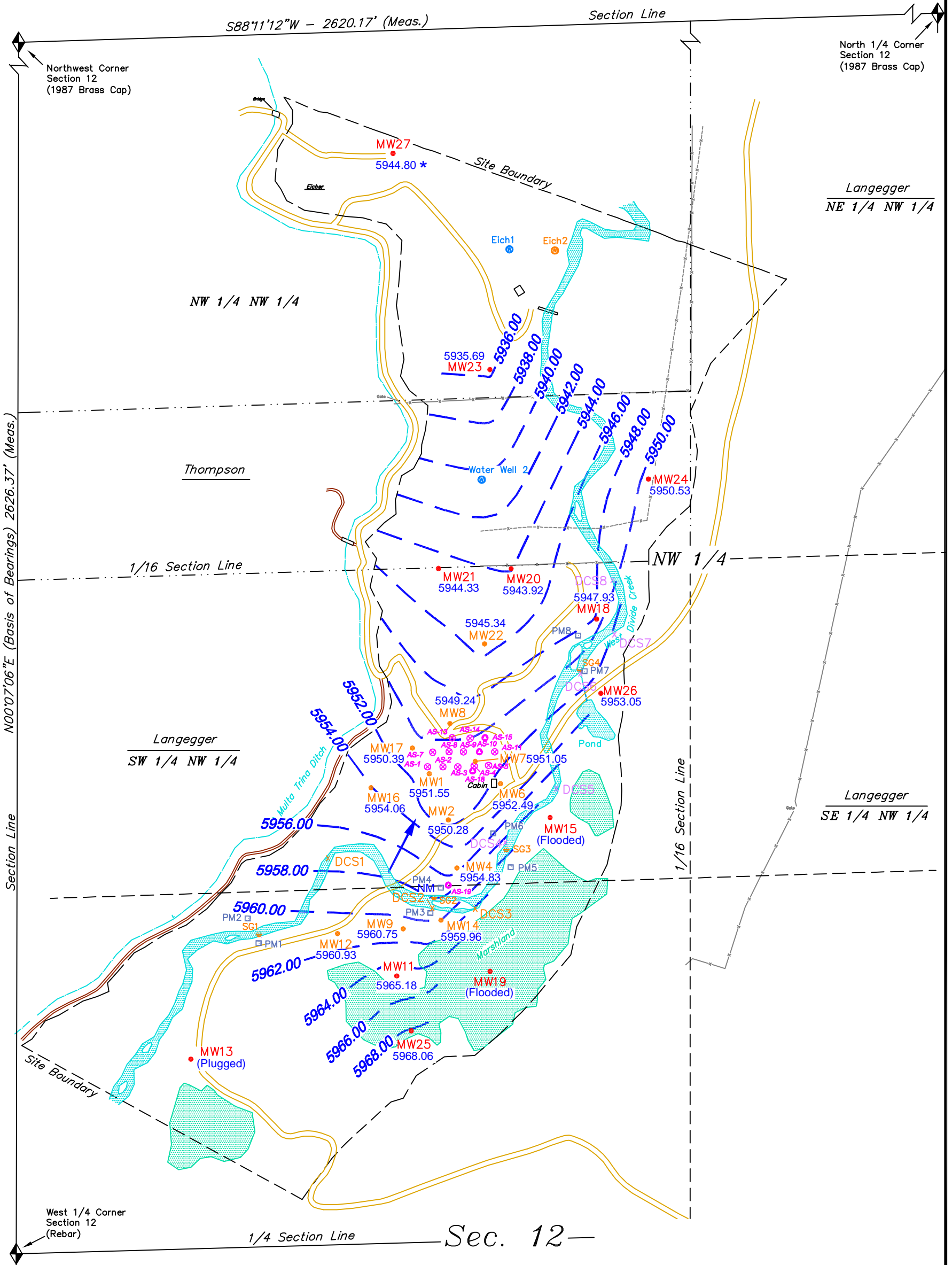
PROJECT NO: 008-2067
 DRAWN BY: RJV
 DATE: 5/14/09

**WEST DIVIDE CREEK SEEP AREA
 SITE LOCATION MAP**



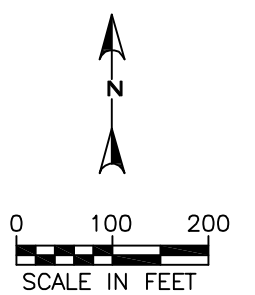
4690 Table Mountain Drive
 Suite 200
 Golden, CO 80403
 TEL 303.237.2072
 FAX 303.237.2659

FIGURE
 1



LEGEND

- = SECTION CORNERS FOUND
- = FENCE
- = OLD FENCE
- = PROPERTY LINE
- = DRAINAGE
- = STREAM GAUGE
- = GROUNDWATER ELEVATION CONTOUR (FEET)
- = GROUNDWATER ELEVATION (FEET)
- = GROUNDWATER FLOW DIRECTION
- = DATA NOT USED IN CONTOURING
- = PIEZOMETER
- = DIVIDE CREEK SAMPLE
- = ANNUAL SAMPLE LOCATIONS
- = AIR SPARGE WELL LOCATION
- = NESTED AIR SPARGE WELL LOCATION
- = MONITORING WELL
- = ANNUAL SAMPLE LOCATIONS



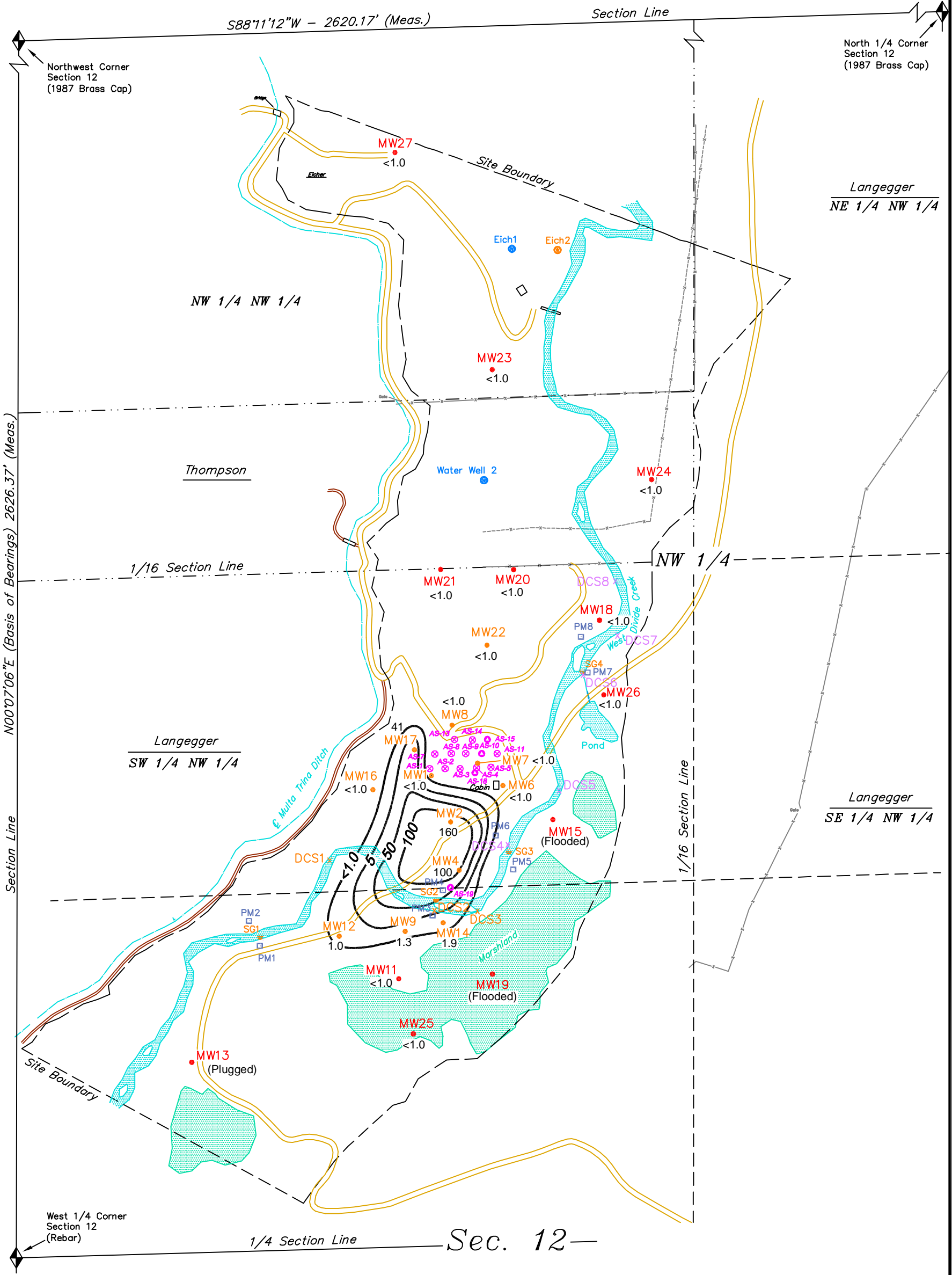
PROJECT NO: 008-2067
 DRAWN BY: RJV
 DATE: 11/11/09

WEST DIVIDE CREEK SEEP AREA GROUNDWATER ELEVATION MAP
 SEPTEMBER 2009
 GARFIELD COUNTY, COLORADO



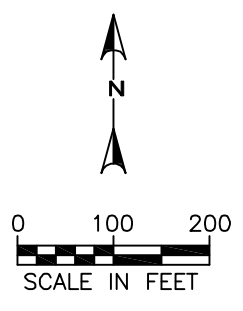
4690 Table Mountain Drive
 Suite 200
 Golden, CO 80403
 TEL 303.237.2072
 FAX 303.237.2659

FIGURE
 2



LEGEND

- ◆ = SECTION CORNERS FOUND
- x— = FENCE
- - -x- - - = OLD FENCE
- - - - - = PROPERTY LINE
- — — — — = DRAINAGE
- = STREAM GAUGE
- 100 — = BENZENE CONCENTRATION CONTOUR IN µg/L
- 110 = BENZENE CONCENTRATION IN µg/L
- NS = NOT SAMPLED
- = PIEZOMETER
- × = DIVIDE CREEK SAMPLE
- × = ANNUAL SAMPLE LOCATIONS
- ⊗ = AIR SPARGE WELL LOCATION
- ⊗ = NESTED AIR SPARGE WELL LOCATION
- = MONITORING WELL
- = ANNUAL SAMPLE LOCATIONS



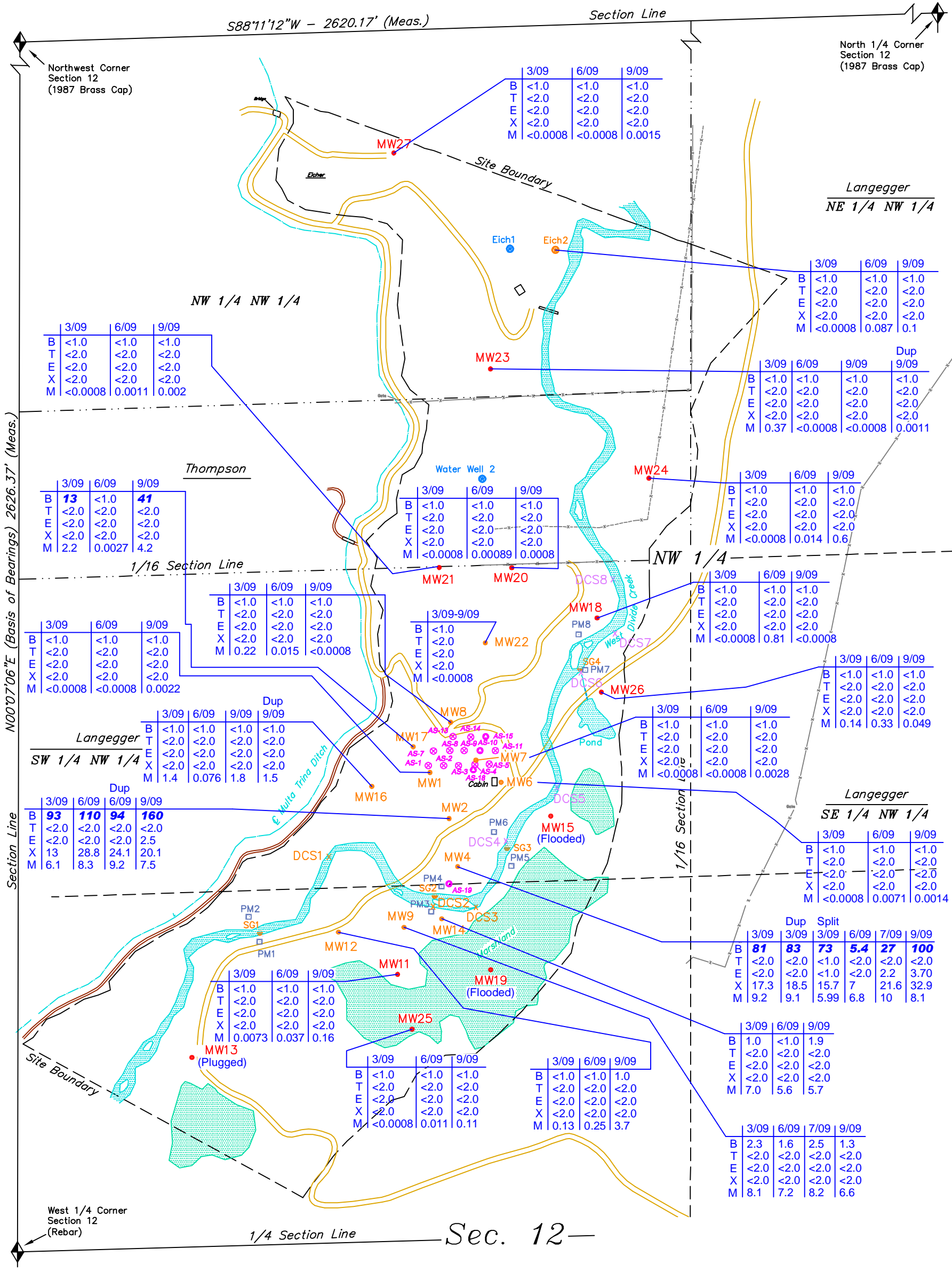
PROJECT NO: 008-2067
 DRAWN BY: RJV
 DATE: 11/11/09

WEST DIVIDE CREEK SEEP AREA BENZENE CONCENTRATIONS
 SEPTEMBER 2009
 GARFIELD COUNTY, COLORADO

OLSSON ASSOCIATES

4690 Table Mountain Drive
 Suite 200
 Golden, CO 80403
 TEL 303.237.2072
 FAX 303.237.2659

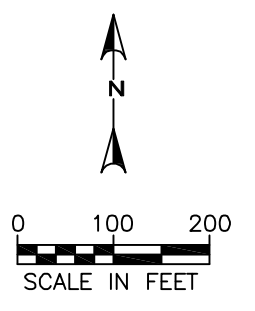
FIGURE
 3



LEGEND

- = SECTION CORNERS FOUND
- = FENCE
- = OLD FENCE
- = PROPERTY LINE
- = DRAINAGE
- = STREAM GAUGE
- = PIEZOMETER
- = DIVIDE CREEK SAMPLE
- = ANNUAL SAMPLE LOCATIONS
- = AIR SPARGE WELL LOCATION
- = NESTED AIR SPARGE WELL LOCATION
- = MONITORING WELL
- = ANNUAL SAMPLE LOCATIONS

- CHEMICAL DATA**
- B = BENZENE (µg/l)
 - T = TOLUENE (µg/l)
 - E = ETHYLBENZENE (µg/l)
 - X = XYLENES (µg/l)
 - M = TOTAL METHANE (mg/L)



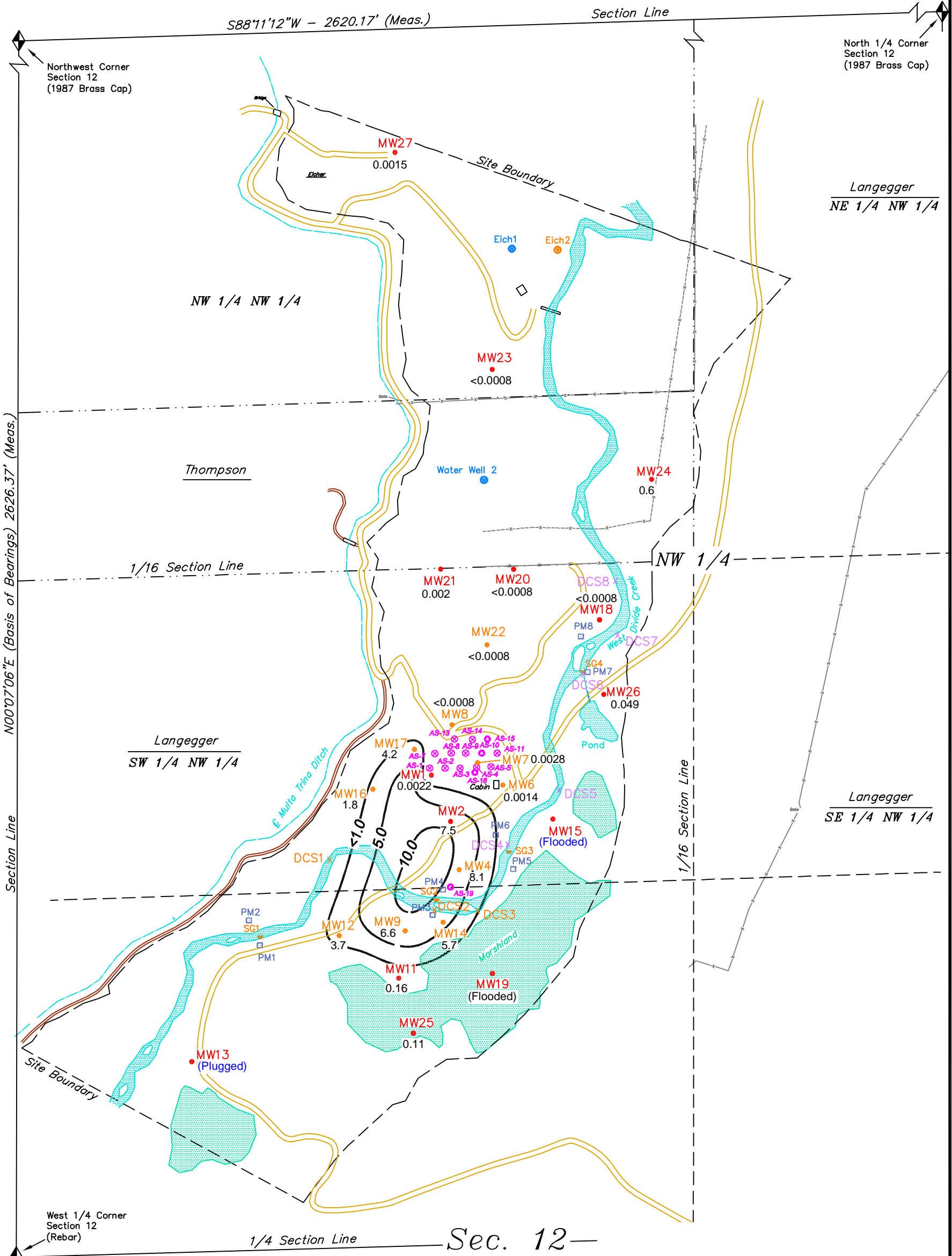
PROJECT NO: 008-2067
 DRAWN BY: RJV
 DATE: 12/7/09

WEST DIVIDE CREEK SEEP AREA BTEX CONCENTRATIONS
 SEPTEMBER 2009
 GARFIELD COUNTY, COLORADO



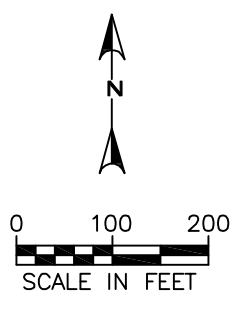
4690 Table Mountain Drive
 Suite 200
 Golden, CO 80403
 TEL 303.237.2072
 FAX 303.237.2659

FIGURE
 5



LEGEND

- = SECTION CORNERS FOUND
- = FENCE
- = OLD FENCE
- = PROPERTY LINE
- = DRAINAGE
- = STREAM GAUGE
- = 5.0 = THERMOGENIC & BIOGENIC METHANE CONCENTRATION CONTOUR IN mg/L
- = 5.6 = THERMOGENIC & BIOGENIC METHANE CONCENTRATION IN mg/L
- = NOT SAMPLED
- = DATA NOT USED IN CONTOURING
- = PIEZOMETER
- = DIVIDE CREEK SAMPLE
- = ANNUAL SAMPLE LOCATIONS
- = AIR SPARGE WELL LOCATION
- = NESTED AIR SPARGE WELL LOCATION
- = MONITORING WELL
- = ANNUAL SAMPLE LOCATIONS



PROJECT NO: 008-2067
 DRAWN BY: RJV
 DATE: 11/11/09

**WEST DIVIDE CREEK SEEP AREA TOTAL DISSOLVED METHANE
 CONCENTRATIONS SEPTEMBER 2009
 GARFIELD COUNTY, COLORADO**

OLSSON ASSOCIATES

4690 Table Mountain Drive
 Suite 200
 Golden, CO 80403
 TEL 303.237.2072
 FAX 303.237.2659

FIGURE
 4

APPENDIX A

Field Data – 3rd Quarter

Appendix A
 Field Data for June 2009
 Encana, West Divide Creek Seep
 Garfield County, Colorado

Date	SampleName	Sample Description	SampleComments	Sampler	SampleSource
16-Sep-09	EICH2WW	Domestic well	WQ: Clear, no odor, no sheen, no effervescence.	SH	Well
16-Sep-09	MW23	Domestic well	WQ: Brown, slightly turbid, sulfur odor, no sheen, no effervescence	SH	Well
16-Sep-09	MW23D	Domestic well	WQ: Brown, slightly turbid, sulfur odor, no sheen, no effervescence	SH	Well
16-Sep-09	MW27	Divide Creek monitoring well #27	WQ: Black/gray, sulfur odor, no sheen, no effervescence	SH	Well
17-Sep-09	DCS1	Divide Creek monitoring station 1	WQ: Brown, turbid, no odor, no sheen, no effervescence	SH	Stream
17-Sep-09	DCS2	Divide Creek monitoring station 2	WQ: Brown, turbid, no odor, no sheen, no effervescence	SH	Stream
17-Sep-09	DCS3	Divide Creek monitoring station 3	WQ: Brown, turbid, no odor, no sheen, no effervescence	SH	Stream
17-Sep-09	DCS4	Divide Creek monitoring station 4	WQ: Brown, turbid, no odor, no sheen, no effervescence	SH	Stream
17-Sep-09	DCS5	Divide Creek monitoring station 5	WQ: Brown, turbid, no odor, no sheen, no effervescence	SH	Stream
17-Sep-09	DCS6	Divide Creek monitoring station 6	WQ: Light brown, no odor, no sheen, no effervescence	SH	Stream
17-Sep-09	DCS7	Divide Creek monitoring station 7	WQ: Light brown, no odor, no sheen, no effervescence	SH	Stream
17-Sep-09	DCS8	Divide Creek monitoring station 8	WQ: Light brown, no odor, no sheen, no effervescence	SH	Stream
16-Sep-09	MW1	Divide Creek monitoring well #1	WQ:	SH	Stream
17-Sep-09	MW11	Divide Creek monitoring well #11	WQ: Clear, slight sulfur odor, no sheen, no effervescence	BS	Well
16-Sep-09	MW12	Divide Creek monitoring well #12	WQ : Clear/brown, no odor, no sheen, no effervescence	SH	Well
16-Sep-09	MW14	Divide Creek monitoring well #14	WQ: Black, slight sulfur smell, no sheen, no effervescence.	SH	Well
16-Sep-09	MW16	Divide Creek monitoring well #16	WQ:	BS	Well
16-Sep-09	MW16D	Divide Creek monitoring well #16	WQ:	BS	Well
16-Sep-09	MW17	Divide Creek monitoring well #17	WQ: Odor	BS	Well
16-Sep-09	MW18	Divide Creek monitoring well #18	WQ: Slightly cloudy	BS	Well
16-Sep-09	MW2	Divide Creek monitoring well #2	WQ:	BS	Well
16-Sep-09	MW20	Divide Creek monitoring well #20	WQ: Cloudy	BS	Well
16-Sep-09	MW21	Divide Creek monitoring well #21	WQ: Clear	BS	Well
16-Sep-09	MW22	Divide Creek monitoring well #22	WQ:	BS	Well
17-Sep-09	MW24	Divide Creek monitoring well #24	WQ: Clear, slight sulfur odor, no sheen, no effervescence	SH	Well
17-Sep-09	MW25	Divide Creek monitoring well #25	WQ: Light brown, slight sulfur odor, no sheen, no effervescence	SH	Well
17-Sep-09	MW26	Divide Creek monitoring well #26	WQ: Brown, no odor, no sheen, no effervescence	SH	Well
16-Sep-09	MW4	Divide Creek monitoring well #4	WQ:	BS	Well
16-Sep-09	MW6	Divide Creek monitoring well #6	WQ:	BS	Well
16-Sep-09	MW7	Divide Creek monitoring well #7	WQ:	BS	Well
16-Sep-09	MW8	Divide Creek monitoring well #8	WQ: Gray, no odor, no sheen, no effervescence	BS	Well
16-Sep-09	MW9	Divide Creek monitoring well #9	WQ: Clear, no odor, no sheen, no effervescence.	SH	Well
17-Sep-09	LANGWW			SH	Hydrant

APPENDIX B

Historical Groundwater Results

Appendix B

Summary of Historical Groundwater Analytical Results and Groundwater Elevations
EnCana, West Divide Creek Seep
Garfield County, Colorado

Sample ID	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylene (ug/L)	Methane (mg/L)	Estimated Thermogenic Methane (mg/L)	DTW (ft)	Groundwater Elevation (ft-msl)
MW-01	09-Jul-04	220	NA	NA	NA	11			
MW-01	22-Jul-04	470	NA	NA	NA	9.9		4.09	5954.70
MW-01	03-Aug-04	460	310	10	96	6		9.54	5949.25
MW-01	19-Aug-04	NS	NS	NS	NS	NS		9.96	5948.83
MW-01	15-Sep-04	330	130	8.1	53	8.6	6.9	10.32	5948.47
MW-01	13-Oct-04	190	31	5.3	18.3	7.4		9.87	5948.92
MW-01	09-Nov-04	88	<2	3.1	<2	5.3		9.70	5949.09
MW-01	14-Dec-04	35	<2	<2	<2	5.9		9.23	5949.56
MW-01	12-Jan-05	10	<2	<2	<2	4.7	3.5	8.63	5950.16
MW-01	09-Feb-05	14	<2	<2	<2	2.9	2.3	8.81	5949.98
MW-01	08-Mar-05	4.8	<2	<2	<2	2.6		8.96	5949.83
MW-01	12-Apr-05	<1	<2	<2	<2	0.38		5.73	5953.06
MW-01	10-May-05	<1	<2	<2	<2	0.38	0.3	5.19	5953.60
MW-01	08-Jun-05	<1	<2	<2	<2	<0.0008		3.03	5955.76
MW-01	12-Jul-05	<1	<2	<2	<2	<0.0008		4.13	5954.66
MW-01	09-Aug-05	<1	<2	<2	<2	0.11		5.36	5953.43
MW-01	12-Sep-05	<1	<2	<2	<2	0.068	0.0	6.18	5952.61
MW-01	11-Oct-05	<1	<2	<2	<2	0.17			
MW-01	08-Nov-05	<1	<2	<2	<2	0.12		6.47	5952.32
MW-01	08-Dec-05	<1	<2	<2	<2	0.086		6.72	5952.07
MW-01	11-Jan-06	<1	<2	<2	<2	0.055	0.0	6.31	5952.48
MW-01	15-Mar-06	<1	<2	<2	<2	0.0086		6.01	5952.78
MW-01	12-Apr-06	<1	<2	<2	<2	<0.0008		5.42	5953.37
MW-01	09-May-06	<1	<2	<2	<2	<0.0008		4.45	5954.34
MW-01	12-Jun-06	<1	<2	<2	<2	0.011			
MW-01	07-Sep-06	<1	<5	<2	<2	0.15		7.60	5951.19
MW-01	05-Dec-06	<1	<2	<2	<2	0.00085		6.68	5952.11
MW-01	13-Mar-07	<1	<2	<2	<2	0.0023		6.10	5952.69
MW-01	20-Jun-07	<1	<2	<2	<2	<0.0008			
MW-01	11-Sep-07	<0.5	<0.5	<0.5	<0.5	0.000144		7.95	5950.84
MW-01	11-Sep-07	<1	<2	<2	<2	0.001		7.95	5950.84
MW-01	18-Dec-07	<1	<2	<2	<2	0.0022		6.83	5951.96
MW-01	04-Mar-08	<1	<2	<2	<2	<0.0008		5.85	5952.94
MW-01	17-Jun-08	<1	<2	<2	<2	<0.0008		3.33	5955.46
MW-01	30-Sep-08	<1	4.1	<2	<2	<0.0008		7.50	5951.29
MW-01	09-Dec-08	<1	<2	<2	<2	0.18		6.65	5952.14
MW-01	17-Mar-09	<1	<2	<2	<2	0.0065		6.32	5952.47
MW-01	15-Jun-09	<1	<2	<2	<2	<0.0008		4.10	5954.69
MW-01	16-Sep-09	<1	<2	<2	<2	0.0022		7.24	5951.55
MW-02	09-Jul-04	240	NA	NA	NA	12			
MW-02	22-Jul-04	240	NA	NA	NA	12		5.60	5953.68
MW-02	03-Aug-04	420	400	<2	96	4.4		9.10	5950.18
MW-02	19-Aug-04	NS	NS	NS	NS	NS		9.00	5950.28
MW-02	15-Sep-04	340	240	10	95	11	9.5	9.02	5950.26
MW-02	13-Oct-04	370	110	9	78	5.8		8.70	5950.58
MW-02	09-Nov-04	390	<2	<2	<2	3.3		8.70	5950.58
MW-02	13-Dec-04	270	46	8.2	56.4	3.8		8.54	5950.74
MW-02	12-Jan-05	370	4.5	6.5	27.1	6.9	6.5	8.47	5950.81
MW-02	09-Feb-05	420	<10	<10	<10	3	2.6	4.09	5955.19
MW-02	09-Feb-05	420	2.4	8.6	43.5	2.6	3.0	11.95	5947.33
MW-02	09-Feb-05	340	<5	6.7	33	0.65		4.09	5955.19
MW-02	08-Mar-05	280	<10	<10	<10	4.4		8.82	5950.46
MW-02	12-Apr-05	360	<2	<2	<2	6.8		5.01	5954.27
MW-02	09-May-05	330	<10	<10	<10	5.9	5.4	4.49	5954.79
MW-02	08-Jun-05	98	<2	3.4	23.6	6.4		3.22	5956.06
MW-02	12-Jul-05	180	2.8	4.5	30.4	3.8		7.67	5951.61
MW-02	09-Aug-05	430	33	13	113	7.3		5.01	5954.27

Appendix B

Summary of Historical Groundwater Analytical Results and Groundwater Elevations
EnCana, West Divide Creek Seep
Garfield County, Colorado

Sample ID	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylene (ug/L)	Methane (mg/L)	Estimated Thermogenic Methane (mg/L)	DTW (ft)	Groundwater Elevation (ft-msl)
MW-02	12-Sep-05	270	<10	<10	<10	4.9	4.3	5.31	5953.97
MW-02	11-Oct-05	350	<10	<10	<10	5.9			
MW-02	07-Nov-05	290	32	<10	<10	3.5			
MW-02	07-Dec-05	270	<10	<10	<10	5.1		5.12	5954.16
MW-02	07-Dec-05	290	35	8.1	49	8.4		5.12	5954.16
MW-02	07-Dec-05	290	<10	<10	<10	6.5		5.12	5954.16
MW-02	11-Jan-06	340	<2	8.8	62.5	9		5.13	5954.15
MW-02	11-Jan-06	174	<2	4.9	36.9	3.1		5.13	5954.15
MW-02	11-Jan-06	310	<2	8.5	63.9	8	6.8	5.13	5954.15
MW-02	14-Feb-06	219	<2	5.8	37.3	9.3		5.19	5954.09
MW-02	15-Mar-06	200	<2	4.8	26.8	0.013		4.98	5954.30
MW-02	12-Apr-06	210	<2	6.6	45.7	7.3		4.51	5954.77
MW-02	09-May-06	240	<2	7.2	53.6	4.1		4.05	5955.23
MW-02	12-Jun-06	280	<2	11	93	12			
MW-02	07-Sep-06	240	<25	<10	<10	7.1	5.7	9.05	5950.23
MW-02	05-Dec-06	260	<2	5.3	22.6	6.7	4.3	5.42	5953.86
MW-02	12-Mar-07	230	<2	5.8	37.8	7.8	6.1	5.20	5954.08
MW-02	12-Mar-07	250	<2	6.5	43.4	9.4		5.20	5954.08
MW-02	12-Mar-07	212	<2	8.05	51.43	0.0691		5.20	5954.08
MW-02	20-Jun-07	220	<2	5.3	36.1	6.1			
MW-02	20-Jun-07	190	NA	4.6	31.6	4.5			
MW-02	20-Jun-07	94	<0.25	5.5	43.49	0.979			
MW-02	12-Sep-07	260	<2	8.1	51.2	3.5	2.7	6.13	5953.15
MW-02	18-Dec-07	180	<2	4.3	29.8	7.4		5.42	5953.86
MW-02	03-Mar-08	120	<2	2.6	<2	5.8	3.6	4.91	5954.37
MW-02	03-Mar-08	186	<0.5	5.1	<0.5	1.86		4.91	5954.37
MW-02	17-Jun-08	230	<2	10	98	6.6	4.9	4.02	5955.26
MW-02	01-Oct-08	160	<2	4.6	27.8	4.7	3.5	6.40	5952.88
MW-02	10-Dec-08	140	<2	4	32	7.3	5.4	6.00	5953.28
MW-02	17-Mar-09	93	<2	<2	13	6.1	3.4	5.50	5953.78
MW-02	15-Jun-09	110	<2	<2	28.8	8.3	6.6	4.45	5954.83
MW-02	15-Jun-09	94	<2	<2	24.1	9.2	7.3	4.45	5954.83
MW-02	16-Sep-09	160	<2	2.5	20.1	7.5	5.7	9.00	5950.28
MW-04	12-Jan-04	320	35	8.1	49	6.1			5963.41
MW-04	09-Jul-04	230	NA	NA	NA	11			
MW-04	22-Jul-04	440	NA	NA	NA	11		8.46	5954.95
MW-04	03-Aug-04	400	160	<2	87	6.7		8.60	5954.81
MW-04	15-Sep-04	240	59	6.7	60	27		8.41	5955.00
MW-04	15-Sep-04	320	76	9.5	80.5	9.2	7.4	8.41	5955.00
MW-04	15-Sep-04	330	76	9.1	77.1	8.6		8.41	5955.00
MW-04	14-Oct-04	210	<50	6.1	37	4.4		8.38	5955.03
MW-04	14-Oct-04	300	51	9	59	9.3		8.38	5955.03
MW-04	14-Oct-04	300	37	9	55.2	5.6		8.38	5955.03
MW-04	09-Nov-04	290	41	<2	<2	9.1		4.90	5958.51
MW-04	02-Dec-04	280	19	<10	<10	14			
MW-04	08-Dec-04	280	110	7.8	72	17			
MW-04	13-Dec-04	240	33	12	97	7.8		7.93	5955.48
MW-04	13-Dec-04	270	36	8.1	64.9	14		7.93	5955.48
MW-04	13-Dec-04	270	37	7.7	62.6	12		7.93	5955.48
MW-04	12-Jan-05	350	68	11	71.9	14	11.9	7.40	5956.01
MW-04	12-Jan-05	360	40	11	62.3	14		7.40	5956.01
MW-04	09-Feb-05	280	57	8.5	52.7	10	8.5	8.02	5955.39
MW-04	08-Mar-05	350	160	<10	79	9.8		8.02	5955.39
MW-04	12-Apr-05	130	33	<2	<2	8.9		8.39	5955.02
MW-04	12-Apr-05	130	52	<2	<2	10		8.39	5955.02
MW-04	12-Apr-05	280	<1200	<120	NA	8.7		8.39	5955.02
MW-04	09-May-05	310	66	11	16	10	8.6	7.23	5956.18

Appendix B

Summary of Historical Groundwater Analytical Results and Groundwater Elevations
EnCana, West Divide Creek Seep
Garfield County, Colorado

Sample ID	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylene (ug/L)	Methane (mg/L)	Estimated Thermogenic Methane (mg/L)	DTW (ft)	Groundwater Elevation (ft-msl)
MW-04	09-May-05	320	77	11	16	11		7.23	5956.18
MW-04	08-Jun-05	180	17	4.7	4.3	12		7.25	5956.16
MW-04	11-Jul-05	0.69	<1200	<120	NA	<1		7.83	5955.58
MW-04	11-Jul-05	170	40	3.3	38.7	7.8	6.4	7.83	5955.58
MW-04	11-Jul-05	180	32	3.8	34.9	6.1		7.83	5955.58
MW-04	09-Aug-05	270	41	<10	69	8.3		8.15	5955.26
MW-04	09-Aug-05	240	46	<10	65	8.5		8.15	5955.26
MW-04	09-Aug-05	170	29	2.2	62	2.7		8.15	5955.26
MW-04	12-Sep-05	260	7.6	8	74	8.8	7.1	8.22	5955.19
MW-04	11-Oct-05	220	5.1	6.8	66.4	7.3			
MW-04	08-Nov-05	300	<10	<10	96	8.2		8.03	5955.38
MW-04	07-Dec-05	230	<10	<10	<10	8.6		7.93	5955.48
MW-04	10-Jan-06	270	<2	8	73	8.5		7.98	5955.43
MW-04	10-Jan-06	97	<2	<2	37	8.3		7.98	5955.43
MW-04	10-Jan-06	270	<2	6.5	71	8.8	7.1	7.98	5955.43
MW-04	14-Feb-06	249	<2	9	73.6	8.8		7.98	5955.43
MW-04	15-Mar-06	260	<2	8.6	66.6	14		8.04	5955.37
MW-04	12-Apr-06	220	<2	8.6	49.9	9.3		7.10	5956.31
MW-04	09-May-06	150	2.5	6.3	40	3.7		6.98	5956.43
MW-04	12-Jun-06	220	<2	8.3	74	9.2			
MW-04	06-Sep-06	200	<2	7.3	68	10	8.2	8.41	5955.00
MW-04	05-Dec-06	200	<2	7	70.9	10	7.8	7.99	5955.42
MW-04	12-Mar-07	220	<2	7	67.2	9.8		7.85	5955.56
MW-04	12-Mar-07	200	NA	6	55.9	7.6		7.85	5955.56
MW-04	12-Mar-07	172	<0.25	6.73	69.28	0.0592		7.85	5955.56
MW-04	22-Jun-07	110	<2	<2	39.2	6.4			
MW-04	13-Sep-07	170	<2	4.8	57.9	5.6		8.52	5954.89
MW-04	18-Dec-07	170	<2	3.7	53.4	8.4		8.07	5955.34
MW-04	04-Mar-08	130	<2	3.3	31.6	8.5	6.4	7.70	5955.71
MW-04	17-Jun-08	85	2.3	<2	23	3.7	2.6	7.65	5955.76
MW-04	01-Oct-08	110	<2	<2	33.7	6.2	4.8	8.60	5954.81
MW-04	01-Oct-08	120	<2	<2	34.9	5		8.60	5954.81
MW-04	09-Dec-08	100	<2	<2	28.4	8.6	6.5	8.35	5955.06
MW-04	16-Mar-09	81	<2	<2	17.3	9.2	6.6	8.05	5955.36
MW-04	16-Mar-09	83	<2	<2	18.5	9.1	6.5	8.05	5955.36
MW-04	16-Mar-09	73	<1	<1	15.7	5.99		8.05	5955.36
MW-04	16-Jun-09	5.4	<2	<2	7.0	6.8	5.0	8.00	5955.41
MW-04	14-Jul-09	27	<2	2.2	21.6	10		8.09	5955.32
MW-04	16-Sep-09	100	<2	3.7	32.9	8.1	6.1	8.58	5954.83
MW-06	09-Jul-04	1.1	NA	NA	NA	0.011			
MW-06	22-Jul-04	0.023	NA	NA	NA	0.023		9.74	5950.20
MW-06	03-Aug-04	1.5	<2	<2	<2	0.083		9.89	5950.05
MW-06	15-Sep-04	<1	<2	<2	<2	0.38	0.4	9.67	5950.27
MW-06	14-Oct-04	<1	<2	<2	<2	0.14		9.48	5950.46
MW-06	10-Nov-04	<1	<2	<2	<2	0.057		9.60	5950.34
MW-06	14-Dec-04	<1	<2	<2	<2	0.054		9.24	5950.70
MW-06	14-Dec-04	<1	<2	<2	<2	0.4		9.24	5950.70
MW-06	14-Dec-04	<0.5	<5	<0.5	NA	0.071		9.24	5950.70
MW-06	13-Jan-05	<1	<2	<2	<2	0.056	0.0	8.87	5951.07
MW-06	09-Feb-05	<1	<2	<2	<2	0.023	0.0	9.06	5950.88
MW-06	08-Mar-05	3.1	<2	<2	<2	0.051		9.15	5950.79
MW-06	12-Apr-05	6.5	<2	<2	<2	0.092		6.59	5953.35
MW-06	10-May-05	<1	<2	<2	<2	0.18	0.2	5.82	5954.12
MW-06	08-Jun-05	1.3	<2	<2	<2	0.18		5.55	5954.39
MW-06	08-Jun-05	2.5	<2	<2	<2	0.22		5.55	5954.39
MW-06	08-Jun-05	2.2	<5	<0.5	NA	0.024		5.55	5954.39
MW-06	12-Jul-05	<1	<2	<2	<2	0.15			

Appendix B

Summary of Historical Groundwater Analytical Results and Groundwater Elevations
EnCana, West Divide Creek Seep
Garfield County, Colorado

Sample ID	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylene (ug/L)	Methane (mg/L)	Estimated Thermogenic Methane (mg/L)	DTW (ft)	Groundwater Elevation (ft-msl)
MW-06	09-Aug-05	<1	<2	<2	<2	0.24		7.72	5952.22
MW-06	12-Sep-05	1.9	<5	<0.5	NA	<0.01		6.81	5953.13
MW-06	12-Sep-05	2	<2	<2	<2	0.12	0.0	6.81	5953.13
MW-06	12-Sep-05	1.9	<2	<2	<2	0.16		6.81	5953.13
MW-06	11-Oct-05	4.3	<2	<2	<2	4			
MW-06	08-Nov-05	3.7	<2	<2	<2	0.17			
MW-06	08-Nov-05	3.6	<2	<2	<2	0.17			
MW-06	08-Nov-05	2.1	<5	<0.5	NA	0.41			
MW-06	07-Dec-05	1.6	<2	<2	<2	0.13		6.88	5953.06
MW-06	11-Jan-06	<1	<2	<2	<2	0.14	0.1	6.94	5953.00
MW-06	14-Feb-06	0.6	<0.5	<0.5	<0.5	0.128		6.91	5953.03
MW-06	14-Feb-06	<0.5	<1	<1	<1	0.077		6.91	5953.03
MW-06	14-Feb-06	<0.5	<1	<1	<1	0.15		6.91	5953.03
MW-06	15-Mar-06	<1	<2	<2	<2	0.092		6.89	5953.05
MW-06	12-Apr-06	1.1	<2	<2	<2	0.046		6.15	5953.79
MW-06	12-Apr-06	1	NA	NA	NA	0.034		6.15	5953.79
MW-06	12-Apr-06	1.12	<0.25	<0.25	<0.25	0.125		6.15	5953.79
MW-06	09-May-06	<1	<2	<2	<2	0.029		5.89	5954.05
MW-06	12-Jun-06	<1	<2	<2	<2	0.0026			
MW-06	07-Sep-06	<0.25	<0.25	<0.25	<0.25	0.00523		7.53	5952.41
MW-06	07-Sep-06	<1	<5	<2	<2	0.038		7.53	5952.41
MW-06	07-Sep-06	<1	NA	<2	<2	0.031		7.53	5952.41
MW-06	05-Dec-06	<1	<2	<2	<2	<0.0008		7.04	5952.90
MW-06	13-Mar-07	<1	<2	<2	<2	0.0021		6.85	5953.09
MW-06	20-Jun-07	<1	<2	<2	<2	<0.0008			
MW-06	12-Sep-07	<1	<2	<2	<2	<0.0008		7.95	5951.99
MW-06	17-Dec-07	<0.5	<5	<0.5	<2	0.00846		7.15	5952.79
MW-06	17-Dec-07	<1	<2	<2	<2	0.0081		7.15	5952.79
MW-06	17-Dec-07	<1	<2	<2	<2	0.008		7.15	5952.79
MW-06	03-Mar-08	<1	<2	<2	<2	0.0015		6.75	5953.19
MW-06	17-Jun-08	<1	<2	<2	<2	0.0031		6.20	5953.74
MW-06	30-Sep-08	<1	<2	<2	<2	<0.008		7.60	5952.34
MW-06	30-Sep-08	<1	<2	<2	<2	<0.008		7.60	5952.34
MW-06	09-Dec-08	<1	<2	<2	<2	0.0092	<0.0008	7.25	5952.69
MW-06	16-Mar-09	<1	<2	<2	<2	<0.0008		7.00	5952.94
MW-06	15-Jun-09	<1	<2	<2	<2	0.0071		6.60	5953.34
MW-06	16-Sep-09	<1	<2	<2	<2	0.0014		7.45	5952.49
MW-07	09-Jul-04	200	NA	NA	NA	0.67			5958.97
MW-07	22-Jul-04	110	NA	NA	NA	0.53		10.34	5948.63
MW-07	03-Aug-04	32	<2	<2	<2	0.73		10.46	5948.51
MW-07	15-Sep-04	56	<2	<2	<2	6		11.11	5947.86
MW-07	14-Oct-04	32	<2	<2	<2	0.78		10.70	5948.27
MW-07	10-Nov-04	16	<2	<2	<2	0.65		10.70	5948.27
MW-07	19-Nov-04	19	<2	<2	<2	0.49			
MW-07	23-Nov-04	17	<2	<2	<2	0.67			
MW-07	07-Dec-04	<1	<2	<2	<2	0.04			
MW-07	14-Dec-04	20	<2	<2	<2	0.55		10.24	5948.73
MW-07	13-Jan-05	16	<2	<2	<2	0.53		9.89	5949.08
MW-07	09-Feb-05	5.7	<2	<2	<2	0.47		9.91	5949.06
MW-07	08-Mar-05	4.5	<2	<2	<2	0.58		10.06	5948.91
MW-07	20-Apr-05	<1	<2	<2	<2	<0.0008			
MW-07	10-May-05	<1	<2	<2	<2	<0.0008		6.22	5952.75
MW-07	10-May-05	<1	<2	<2	<2	<0.0008		6.22	5952.75
MW-07	10-May-05	<0.5	<5	<0.5	NA	0.031		6.22	5952.75
MW-07	08-Jun-05	<1	<2	<2	<2	<0.0008		4.47	5954.50
MW-07	12-Jul-05	<1	<2	<2	<2	<0.0008			
MW-07	09-Aug-05	<1	<2	<2	<2	<0.0008		6.13	5952.84

Appendix B
 Summary of Historical Groundwater Analytical Results and Groundwater Elevations
 EnCana, West Divide Creek Seep
 Garfield County, Colorado

Sample ID	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylene (ug/L)	Methane (mg/L)	Estimated Thermogenic Methane (mg/L)	DTW (ft)	Groundwater Elevation (ft-msl)
MW-07	12-Sep-05	<1	<2	<2	<2	0.0015		6.62	5952.35
MW-07	11-Oct-05	<1	<2	<2	<2	0.0075			
MW-07	11-Oct-05	<1	<2	<2	<2	0.026			
MW-07	11-Oct-05	<0.5	<5	<0.5	NA	<0.01			
MW-07	08-Nov-05	<1	<2	<2	<2	0.0059			
MW-07	08-Dec-05	<1	<2	<2	<2	0.017		6.92	5952.05
MW-07	11-Jan-06	<1	<2	<2	<2	0.014		6.95	5952.02
MW-07	14-Feb-06	<0.5	<1	<0.5	<1	<0.002		9.08	5949.89
MW-07	15-Mar-06	<1	<2	<2	<2	10		6.83	5952.14
MW-07	12-Apr-06	<1	<2	<2	<2	0.00092		6.23	5952.74
MW-07	09-May-06	<1	<2	<2	<2	0.036		5.67	5953.30
MW-07	12-Jun-06	<1	<2	<2	<2	0.0037			
MW-07	21-Jul-06	<1	<2	<2	<2	<0.0008			
MW-07	28-Jul-06	<1	<2	<2	<2	0.0012			
MW-07	04-Aug-06	<1	<2	<2	<2	<0.0008			
MW-07	11-Aug-06	<1	<2	<2	<2	<0.0008			
MW-07	16-Aug-06	<1	<2	<2	<2	0.0041		17.45	5941.52
MW-07	24-Aug-06	<1	<2	<2	<2	0.00092		7.72	5951.25
MW-07	31-Aug-06	<1	<2	<2	<2	0.0014		7.84	5951.13
MW-07	07-Sep-06	<1	<2	<2	<2	0.047		8.22	5950.75
MW-07	07-Sep-06	<0.25	<0.25	<0.25	<0.25	0.00163		8.22	5950.75
MW-07	13-Sep-06	<1	<2	<2	<2	0.0024		7.98	5950.99
MW-07	21-Sep-06	<0.25	<0.25	<0.25	<0.25	0.000762		7.93	5951.04
MW-07	21-Sep-06	<1	<2	<2	<2	0.002		7.93	5951.04
MW-07	27-Sep-06	<1	<2	<2	<2	0.004		7.82	5951.15
MW-07	06-Oct-06	<1	<2	<2	<2	<0.0008		7.88	5951.09
MW-07	12-Oct-06	<1	<2	<2	<2	0.0025		7.71	5951.26
MW-07	19-Oct-06	<1	<2	<2	<2	<0.0008		7.73	5951.24
MW-07	25-Oct-06	<1	<2	<2	<2	0.00082		7.62	5951.35
MW-07	01-Nov-06	<1	<2	<2	<2	0.0011		7.63	5951.34
MW-07	17-Nov-06	<1	<2	<2	<2	<0.0008		7.42	5951.55
MW-07	05-Dec-06	<1	<2	<2	<2	0.0011		7.37	5951.60
MW-07	03-Jan-07	<1	<2	<2	<2	<0.0008			
MW-07	17-Jan-07	<1	<2	<2	<2	<0.0008			
MW-07	05-Feb-07	<1	<2	<2	<2	<0.0008			
MW-07	22-Feb-07	<1	<2	<2	<2	0.0016		6.92	5952.05
MW-07	07-Mar-07	<1	<2	<2	<2	0.00094		6.75	5952.22
MW-07	13-Mar-07	<1	<2	<2	<2	0.0079		6.80	5952.17
MW-07	26-Mar-07	<1	<2	<2	<2	<0.0008			
MW-07	11-Apr-07	<1	<2	<2	<2	0.001			
MW-07	25-Apr-07	<0.5	<5	<0.5	<2	0.0016			
MW-07	08-May-07	<0.5	<5	<0.5	<2	<0.01			
MW-07	20-Jun-07	<0.25	<0.25	<0.25	<0.25	-88.8			
MW-07	20-Jun-07	<1	<2	<2	<2	<0.0008			
MW-07	20-Jun-07	<1	<2	<2	<2	<0.0008			
MW-07	12-Sep-07	<1	<2	<2	<2	<0.0008		8.21	5950.76
MW-07	17-Dec-07	<1	<2	<2	<2	<0.0008		5.72	5953.25
MW-07	03-Mar-08	<1	<2	<2	<2	<0.0008		6.84	5952.13
MW-07	17-Jun-08	<1	<2	<2	<2	<0.0008		4.53	5954.44
MW-07	09-Dec-08	<1	<2	<2	<2	0.0032		7.60	5951.37
MW-07	16-Mar-09	<1	<2	<2	<2	<0.0008		6.95	5952.02
MW-07	15-Jun-09	<1	<2	<2	<2	<0.0008		5.72	5953.25
MW-07	16-Sep-09	<1	<2	<2	<2	0.0028		7.92	5951.05
MW-08	09-Jul-04	65	NA	NA	NA	3.4			
MW-08	22-Jul-04	210	NA	NA	NA	2.9		12.45	5946.84
MW-08	03-Aug-04	250	<2	<2	<2	2.8		11.98	5947.31
MW-08	15-Sep-04	200	<2	<2	<2	4.1		13.54	5945.75

Appendix B
Summary of Historical Groundwater Analytical Results and Groundwater Elevations
EnCana, West Divide Creek Seep
Garfield County, Colorado

Sample ID	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylene (ug/L)	Methane (mg/L)	Estimated Thermogenic Methane (mg/L)	DTW (ft)	Groundwater Elevation (ft-msl)
MW-08	14-Oct-04	140	<2	<2	<3	3.1		13.18	5946.11
MW-08	10-Nov-04	120	<5	<0.5	NA	3.1		12.80	5946.49
MW-08	10-Nov-04	150	<2	<2	<2	6.5		12.80	5946.49
MW-08	10-Nov-04	140	<2	<2	<2	7.2		12.80	5946.49
MW-08	14-Dec-04	140	<2	<2	<2	7.4		12.00	5947.29
MW-08	13-Jan-05	100	<2	<2	<2	5.7		12.12	5947.17
MW-08	09-Feb-05	58	<2	<2	<2	3.5		11.79	5947.50
MW-08	08-Mar-05	42	<2	<2	<2	3.3		11.86	5947.43
MW-08	12-Apr-05	30	<2	<2	<2	3.2		8.64	5950.65
MW-08	10-May-05	4.8	<2	<2	<2	0.82		7.99	5951.30
MW-08	09-Jun-05	1.8	<2	<2	<2	0.23		6.18	5953.11
MW-08	12-Jul-05	<1	<2	<2	<2	0.12		7.92	5951.37
MW-08	12-Jul-05	120	<5	<0.5	NA	3.1		7.92	5951.37
MW-08	12-Jul-05	<1	<2	<2	<2	0.043		7.92	5951.37
MW-08	09-Aug-05	<1	<2	<2	<2	0.045		8.15	5951.14
MW-08	12-Sep-05	<1	<2	<2	<2	0.22		9.07	5950.22
MW-08	12-Oct-05	<0.5	<5	<0.5	NA	<0.01			
MW-08	12-Oct-05	<1	<2	<2	<2	0.25			
MW-08	12-Oct-05	<1	<2	<2	<3	0.19			
MW-08	08-Nov-05	<1	<2	<2	<4	0.11			
MW-08	08-Dec-05	<1	<2	<2	<5	0.08		8.86	5950.43
MW-08	11-Jan-06	<1	<2	<2	<6	0.13		8.99	5950.30
MW-08	14-Feb-06	<0.5	<1	<1	<1	0.206		9.02	5950.27
MW-08	15-Mar-06	<1	<2	<2	<2	0.23		8.89	5950.40
MW-08	12-Apr-06	<1	<2	<2	<2	0.11		8.34	5950.95
MW-08	11-May-06	<0.5	<0.5	<0.5	<0.5	0.0649		7.50	5951.79
MW-08	11-May-06	<1	<2	<2	<2	0.032		7.50	5951.79
MW-08	11-May-06	<1	<2	<2	<2	0.017		7.50	5951.79
MW-08	12-Jun-06	<1	<2	<2	<2	0.13			
MW-08	21-Jul-06	<1	<2	<2	<2	0.0024			
MW-08	28-Jul-06	<1	<2	<2	<2	0.14			
MW-08	04-Aug-06	<1	<2	<2	<2	0.18			
MW-08	11-Aug-06	<1	<2	<2	<2	0.1			
MW-08	16-Aug-06	<1	<2	<2	<2	0.2		25.03	5934.26
MW-08	24-Aug-06	<1	<2	<2	<2	0.34		9.89	5949.40
MW-08	31-Aug-06	<1	<2	<2	<2	0.7		10.01	5949.28
MW-08	07-Sep-06	<1	<2	<2	<2	0.47		10.11	5949.18
MW-08	13-Sep-06	<1	<2	<2	<2	0.74		10.16	5949.13
MW-08	21-Sep-06	<1	<2	<2	<2	1.1		10.11	5949.18
MW-08	27-Sep-06	<1	<2	<2	<2	0.58		10.04	5949.25
MW-08	06-Oct-06	<1	<2	<2	<2	0.45		10.25	5949.04
MW-08	12-Oct-06	<1	<2	<2	<2	0.39		9.84	5949.45
MW-08	19-Oct-06	<1	<2	<2	<2	0.42		9.75	5949.54
MW-08	25-Oct-06	<1	<2	<2	<2	0.34		10.00	5949.29
MW-08	01-Nov-06	<1	<2	<2	<2	0.28		9.49	5949.80
MW-08	17-Nov-06	<1	<2	<2	<2	0.0043		9.32	5949.97
MW-08	05-Dec-06	<1	<2	<2	<2	0.045		9.42	5949.87
MW-08	03-Jan-07	<1	<2	<2	<2	0.00092			
MW-08	17-Jan-07	<1	<2	<2	<2	0.0034			
MW-08	05-Feb-07	<1	<2	<2	<2	0.12			
MW-08	22-Feb-07	<1	<2	<2	<2	0.22		9.12	5950.17
MW-08	07-Mar-07	<1	<2	<2	<2	0.48		9.06	5950.23
MW-08	13-Mar-07	<1	<2	<2	<2	0.18		9.11	5950.18
MW-08	26-Mar-07	<1	<2	<2	<2	<0.0008			
MW-08	11-Apr-07	<1	<2	<2	<2	0.085			
MW-08	25-Apr-07	<0.5	<5	<0.5	<2	0.0019			
MW-08	08-May-07	<0.5	<5	<0.5	<2	0.06			
MW-08	20-Jun-07	<1	<2	<2	<2	<0.0008			

Appendix B

Summary of Historical Groundwater Analytical Results and Groundwater Elevations
EnCana, West Divide Creek Seep
Garfield County, Colorado

Sample ID	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylene (ug/L)	Methane (mg/L)	Estimated Thermogenic Methane (mg/L)	DTW (ft)	Groundwater Elevation (ft-msl)
MW-08	12-Sep-07	<1	<2	<2	<2	<0.0008		10.53	5948.76
MW-08	17-Dec-07	<1	<2	<2	<2	0.13		9.62	5949.67
MW-08	03-Mar-08	<1	<2	<2	<2	0.14		8.92	5950.37
MW-08	17-Jun-08	<1	<2	<2	<2	0.001		5.70	5953.59
MW-08	30-Sep-08	<1	<2	<2	<2	<0.008		10.10	5949.19
MW-08	09-Dec-08	<1	<2	<2	<2	0.11		9.00	5950.29
MW-08	16-Mar-09	<1	<2	<2	<2	0.22		9.00	5950.29
MW-08	15-Jun-09	<1	<2	<2	<2	0.015		6.99	5952.30
MW-08	16-Sep-09	<1	<2	<2	<2	<0.0008		10.05	5949.24
MW-09	09-Jul-04	120	NA	NA	NA	11			
MW-09	22-Jul-04	130	NA	NA	NA	10		4.88	5960.25
MW-09	03-Aug-04	150	50	2.8	21.3	9.5		4.85	5960.28
MW-09	15-Sep-04	210	140	6.2	59	11	9.0	4.61	5960.52
MW-09	13-Oct-04	280	230	9.8	96	9.9		4.15	5960.98
MW-09	09-Nov-04	320	170	11	104	9		4.05	5961.08
MW-09	09-Nov-04	280	160	9.8	100	14		4.05	5961.08
MW-09	09-Nov-04	310	160	10	98	10		4.05	5961.08
MW-09	13-Dec-04	350	130	13	127	14		4.06	5961.07
MW-09	12-Jan-05	290	110	12	113	16	13.3	4.18	5960.95
MW-09	09-Feb-05	260	48	<10	86	9.4	8.5	4.53	5960.60
MW-09	08-Mar-05	210	22	<10	<10	11		4.65	5960.48
MW-09	12-Apr-05	210	23	<2	<2	11		4.63	5960.50
MW-09	09-May-05	210	32	9.4	81	12	10.3	4.25	5960.88
MW-09	08-Jun-05	210	39	<2	<2	12		4.25	5960.88
MW-09	11-Jul-05	160	18	5.1	50.5	9.3	7.8	4.58	5960.55
MW-09	08-Aug-05	120	12	<10	<10	7.8		4.52	5960.61
MW-09	12-Sep-05	78	3.6	3	31.4	9.7	7.6	4.49	5960.64
MW-09	11-Oct-05	55	5.5	2.4	24.8	8.7		4.32	5960.81
MW-09	07-Nov-05	35	<2	<2	<2	7.6			
MW-09	08-Dec-05	38	<2	<2	<2	7.7		4.51	5960.62
MW-09	10-Jan-06	40	<2	<2	<2	12	9.9	4.61	5960.52
MW-09	14-Feb-06	34.4	<1	1.2	12.4	6.3		4.63	5960.50
MW-09	15-Mar-06	30	<2	<2	<2	14		5.02	5960.11
MW-09	11-Apr-06	21	<2	<2	<2	9		4.39	5960.74
MW-09	10-May-06	16	<2	<2	<2	9.8	7.8	4.28	5960.85
MW-09	12-Jun-06	8.6	<2	<2	<2	10			
MW-09	06-Sep-06	8.9	<2	<2	<2	9.3	7.1	4.41	5960.72
MW-09	06-Dec-06	7.2	<2	<2	<2	10	7.6	4.08	5961.05
MW-09	13-Mar-07	7.5	<2	<2	<2	8.3	6.5	4.45	5960.68
MW-09	30-Apr-07	4.8	<5	<0.5	<2	-88.8			
MW-09	21-Jun-07	<1	<2	<2	<2	5.1			
MW-09	13-Sep-07	4.2	<2	<2	<2	5.4		4.49	5960.64
MW-09	18-Dec-07	2.7	<2	<2	<2	7.1		3.82	5961.31
MW-09	05-Mar-08	1	<2	<2	<2	7.2	5.0	4.05	5961.08
MW-09	17-Jun-08	2.2	<2	<2	<2	6.2	4.2	4.39	5960.74
MW-09	30-Sep-08	<1	<2	<2	<2	5.0	3.5	4.20	5960.93
MW-09	09-Dec-08	1.1	<2	<2	<2	8.6		4.46	5960.67
MW-09	17-Mar-09	2.3	<2	<2	<2	8.1	5.5	4.52	5960.61
MW-09	16-Jun-09	1.6	<2	<2	<2	7.2	5.0	4.35	5960.78
MW-09	14-Jul-09	2.5	<2	<2	<2	8.2		4.31	5960.82
MW-09	16-Sep-09	1.3	<2	<2	<2	6.6	4.4	4.38	5960.75
MW-11	09-Jul-04	2	NA	NA	NA	0.16			
MW-11	22-Jul-04	<1	NA	NA	NA	0.25		4.50	5965.16
MW-11	03-Aug-04	<1	<2	<2	<2	0.23		4.49	5965.17
MW-11	15-Sep-04	<1	<2	<2	<2	0.12		4.29	5965.37
MW-11	13-Oct-04	<1	<2	<2	<2	0.017		4.10	5965.56

Appendix B

Summary of Historical Groundwater Analytical Results and Groundwater Elevations
EnCana, West Divide Creek Seep
Garfield County, Colorado

Sample ID	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylene (ug/L)	Methane (mg/L)	Estimated Thermogenic Methane (mg/L)	DTW (ft)	Groundwater Elevation (ft-msl)
MW-11	09-Nov-04	<1	<2	<2	<2	0.14		4.10	5965.56
MW-11	12-Jan-05	<1	<2	<2	<2	0.18		3.98	5965.68
MW-11	09-Feb-05	<1	<2	<2	<2	0.12		4.13	5965.53
MW-11	08-Mar-05	<1	<2	<2	<2	0.11		4.45	5965.21
MW-11	12-Apr-05	<1	<2	<2	<2	0.14		4.21	5965.45
MW-11	09-May-05	<1	<2	<2	<2	0.13		3.94	5965.72
MW-11	08-Jun-05	<1	<2	<2	<2	0.13		3.85	5965.81
MW-11	11-Jul-05	<1	<2	<2	<2	0.1		5.25	5964.41
MW-11	08-Aug-05	<1	<2	<2	<2	0.079		4.11	5965.55
MW-11	12-Sep-05	<1	<2	<2	<2	0.13		4.22	5965.44
MW-11	11-Oct-05	<1	<2	<2	<2	0.1		3.98	5965.68
MW-11	07-Nov-05	<1	<2	<2	<2	0.061			
MW-11	08-Dec-05	<1	<2	<2	<2	0.046		4.07	5965.59
MW-11	10-Jan-06	<1	<2	<2	<2	0.037		4.02	5965.64
MW-11	14-Feb-06	<0.5	<1	<1	<1	0.017		4.02	5965.64
MW-11	15-Mar-06	<1	<2	<2	<2	0.06		4.50	5965.16
MW-11	11-Apr-06	<1	<2	<2	<2	0.041		4.05	5965.61
MW-11	10-May-06	<1	<2	<2	<2	0.035		4.08	5965.58
MW-11	12-Jun-06	<1	<2	<2	<2	0.043			
MW-11	06-Sep-06	<1	<2	<2	<2	0.081		4.15	5965.51
MW-11	06-Dec-06	<1	<2	<2	<2	0.0039		3.98	5965.68
MW-11	13-Mar-07	<1	<2	<2	<2	0.02		3.89	5965.77
MW-11	21-Jun-07	<1	<2	<2	<2	0.018			
MW-11	12-Sep-07	<1	<2	<2	<2	0.028		4.30	5965.36
MW-11	05-Mar-08	<1	<2	<2	<2	0.027		4.09	5965.57
MW-11	17-Jun-08	<1	<2	<2	<2	0.012		4.03	5965.63
MW-11	30-Sep-08	<1	<2	<2	<2	0.0017		4.10	5965.56
MW-11	09-Dec-08	<1	<2	<2	<2	0.016		4.20	5965.46
MW-11	17-Mar-09	<1	<2	<2	<2	0.0073		4.65	5965.01
MW-11	15-Jun-09	<1	<2	<2	<2	0.037		4.51	5965.15
MW-11	17-Sep-09	<1	<2	<2	<2	0.16		4.48	5965.18
MW-12	09-Jul-04	0.86	NA	NA	NA	2.5			5963.60
MW-12	22-Jul-04	2	NA	NA	NA	3.6		6.02	5957.58
MW-12	03-Aug-04	4.6	<2	<2	<2	3.8			
MW-12	15-Sep-04	2.7	<2	<2	<2	4.9	4.1	5.81	5957.79
MW-12	13-Oct-04	<1	<2	<2	<2	0.17		5.13	5958.47
MW-12	13-Oct-04	<1	<2	<2	NA	0.12		5.13	5958.47
MW-12	13-Oct-04	<1	<2	<2	<2	<0.0008		5.13	5958.47
MW-12	09-Nov-04	<1	<2	<2	<2	0.069		4.90	5958.70
MW-12	13-Dec-04	<1	<2	<2	<2	0.046		3.85	5959.75
MW-12	12-Jan-05	<1	<2	<2	<2	1.3	0.8	4.10	5959.50
MW-12	09-Feb-05	<1	<2	<2	<2	2	1.2	4.78	5958.82
MW-12	08-Mar-05	<1	<2	<2	<2	2.6		4.53	5959.07
MW-12	12-Apr-05	<1	<2	<2	<2	0.94		4.63	5958.97
MW-12	09-May-05	<1	<2	<2	<2	0.43	0.4	4.03	5959.57
MW-12	08-Jun-05	<1	<2	<2	<2	0.65		4.39	5959.21
MW-12	11-Jul-05	3.8	<2	<2	<2	3	2.7	2.86	5960.74
MW-12	08-Aug-05	7.1	<2	<2	<2	4.3		3.02	5960.58
MW-12	12-Sep-05	8.4	<2	<2	<2	6.4	5.1	2.82	5960.78
MW-12	11-Oct-05	<1	<2	<2	<2	0.26		1.94	5961.66
MW-12	07-Nov-05	<1	<2	<2	<2	0.11			
MW-12	08-Dec-05	<1	<2	<2	<2	0.25		1.81	5961.79
MW-12	10-Jan-06	<1	<2	<2	<2	0.24	0.2	1.89	5961.71
MW-12	14-Feb-06	0.6	<1	<1	<1	0.53		2.03	5961.57
MW-12	15-Mar-06	<1	<2	<2	<2	1.6		1.85	5961.75
MW-12	15-Mar-06	<0.5	<0.5	<0.5	<0.5	1.51		1.85	5961.75
MW-12	11-Apr-06	<1	<2	<2	<2	1.2		4.10	5959.50

Appendix B

Summary of Historical Groundwater Analytical Results and Groundwater Elevations
EnCana, West Divide Creek Seep
Garfield County, Colorado

Sample ID	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylene (ug/L)	Methane (mg/L)	Estimated Thermogenic Methane (mg/L)	DTW (ft)	Groundwater Elevation (ft-msl)
MW-12	10-May-06	<1	<2	<2	<2	0.95	0.5	1.25	5962.35
MW-12	12-Jun-06	1.2	<2	<2	<2	2.1			
MW-12	06-Sep-06	5.3	<2	<2	<2	7.1	4.1	3.31	5960.29
MW-12	06-Dec-06	<1	<2	<2	<2	0.21	0.2	1.52	5962.08
MW-12	13-Mar-07	<1	<2	<2	<2	0.046	0.0	0.00	5963.60
MW-12	21-Jun-07	<1	<2	<2	<2	0.016			
MW-12	12-Sep-07	5.4	<2	<2	<2	3.7	2.8	3.08	5960.52
MW-12	18-Dec-07	<1	<2	<2	<2	0.18		1.92	5961.68
MW-12	05-Mar-08	<1	<2	<2	<2	<0.0008		0.00	5963.60
MW-12	17-Jun-08	<1	<2	<2	<2	0.0011	<0.0011	2.36	5961.24
MW-12	30-Sep-08	2.4	<2	<2	<2	2.8	1.5	3.30	5960.30
MW-12	09-Dec-08	<1	<2	<2	<2	0.13	<0.0008	2.10	5961.50
MW-12	17-Mar-09	<1	<2	<2	<2	0.13	0.04	1.95	5961.65
MW-12	15-Jun-09	<1	<2	<2	<2	0.25	0.02	2.21	5961.39
MW-12	16-Sep-09	1	<2	<2	<2	3.7		2.67	5960.93
MW-13	13-Dec-04	<1	<2	<2	<2	0.15		2.49	5961.11
MW-13	21-Sep-04	<1	<2	<2	<2	0.061			
MW-13	13-Oct-04	<1	<2	<2	<2	0.011		2.89	5969.11
MW-13	09-Nov-04	<1	<2	<2	<2	0.015		2.80	5969.20
MW-13	13-Dec-04	<1	<2	<2	<2	0.029		2.49	5969.51
MW-13	12-Jan-05	<1	<2	<2	<2	0.069		2.24	5969.76
MW-13	09-Feb-05	<1	<2	<2	<2	0.029		2.79	5969.21
MW-13	08-Mar-05	<1	<2	<2	<2	0.037		2.81	5969.19
MW-13	12-Apr-05	<1	<2	<2	<2	0.039		3.12	5968.88
MW-13	09-May-05	<1	<2	<2	<2	0.04		2.42	5969.58
MW-13	08-Jun-05	<1	<2	<2	<2	0.071		2.41	5969.59
MW-13	12-Jun-06	<1	<2	<2	<2	2.8			
MW-13	07-Sep-06	<1	<5	<2	<2	1.4		1.40	5970.60
MW-13	06-Dec-06	<1	<2	<2	<2	0.32		0.58	5971.42
MW-13	13-Mar-07	<1	<2	<2	<2	0.014		0.00	
MW-13	21-Jun-07	<1	<2	<2	<2	0.33			
MW-13	12-Sep-07	<1	<2	<2	<2	0.43		1.05	5970.95
MW-13	17-Jun-08								flooded
MW-13	29-Sep-08							2.65	
MW-13	08-Dec-08								frozen
MW-13	16-Mar-09								flooded
MW-13	15-Jun-09								plugged
MW-13	16-Sep-09								plugged
MW-14	21-Sep-04	150	9.6	2.9	19.8	1.4			
MW-14	13-Oct-04	140	12	3.6	27.3	4.8	4.3	6.57	5958.49
MW-14	09-Nov-04	150	8.8	4.7	32.4	6.7		7.02	5958.04
MW-14	13-Dec-04	300	12	7.5	44.2	13		7.01	5958.05
MW-14	12-Jan-05	230	9.7	4.6	30.7	9.4	8.0	6.98	5958.08
MW-14	09-Feb-05	270	13	<10	<10	9.6	8.0	7.24	5957.82
MW-14	08-Mar-05	180	12	3.1	21.5	12		8.05	5957.01
MW-14	12-Apr-05	74	5.2	<2	<2	11		6.97	5958.09
MW-14	09-May-05	8	<2	<2	<2	8.2	6.6	6.19	5958.87
MW-14	08-Jun-05	6	<2	<2	<2	10		6.38	5958.68
MW-14	11-Jul-05	16	<2	<2	<2	4.8	3.8	4.15	5960.91
MW-14	08-Aug-05	<1	<2	<2	<2	3.6		4.25	5960.81
MW-14	12-Sep-05	<1	<2	<2	<2	3.6	2.3	4.25	5960.81
MW-14	11-Oct-05	<1	<2	<2	<2	4.2		4.17	5960.89
MW-14	07-Nov-05	<1	<2	<2	<2	3.9			
MW-14	08-Dec-05	1.6	<2	<2	<2	3.9		4.59	5960.47
MW-14	10-Jan-06	<1	<2	<2	<2	7.4	5.6	4.71	5960.35
MW-14	14-Feb-06	1.9	<1	<1	<1	8.3		4.71	5960.35

Appendix B

Summary of Historical Groundwater Analytical Results and Groundwater Elevations
EnCana, West Divide Creek Seep
Garfield County, Colorado

Sample ID	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylene (ug/L)	Methane (mg/L)	Estimated Thermogenic Methane (mg/L)	DTW (ft)	Groundwater Elevation (ft-msl)
MW-14	15-Mar-06	<1	<2	<2	<2	5.8		4.71	5960.35
MW-14	11-Apr-06	<1	<2	<2	<2	1.2		4.55	5960.51
MW-14	10-May-06	<1	<2	<2	<2	2.9	1.9	4.28	5960.78
MW-14	12-Jun-06	<1	<2	<2	<2	7			
MW-14	06-Sep-06	<1	<2	<2	<2	9	6.0	4.22	5960.84
MW-14	06-Dec-06	12	<2	<2	<2	9.1	6.4	4.18	5960.88
MW-14	13-Mar-07	<1	<2	<2	<2	7.6	5.3	4.45	5960.61
MW-14	30-Apr-07	<1	<5	<0.5	<2	-88.8			
MW-14	21-Jun-07	<1	<2	<2	<2	3.4			
MW-14	13-Sep-07	<1	<2	<2	<2	2.8		5.04	5960.02
MW-14	18-Dec-07	1.2	<2	<2	<2	3.2		4.75	5960.31
MW-14	05-Mar-08	<1	<2	<2	<2	5.1	3.1	4.98	5960.08
MW-14	17-Jun-08	<1	<2	<2	<2	3.7	2.1	4.95	5960.11
MW-14	30-Sep-08	<1	<2	<2	<2	2.9	2.0	5.51	5959.55
MW-14	09-Dec-08	<1	<2	<2	<2	4.7	2.9	5.20	5959.86
MW-14	17-Mar-09	1.0	<2	<2	<2	7.0	4.6	5.29	5959.77
MW-14	16-Jun-09	<1	<2	<2	<2	5.6	3.9	5.05	5960.01
MW-14	16-Sep-09	1.9	<2	<2	<2	5.7	3.7	5.10	5959.96
MW-15	21-Sep-04	<1	<2	<2	<2	0.37			
MW-15	14-Oct-04	<1	<2	<2	<2	0.047		2.80	5954.99
MW-15	10-Nov-04	<1	<2	<2	<2	0.034		2.85	5954.94
MW-15	14-Dec-04	<1	<2	<2	<2	0.017		2.54	5955.25
MW-15	12-Jan-05	<1	<2	<2	<2	0.012		2.50	5955.29
MW-15	08-Mar-05	<1	<2	<2	<2	0.0071		3.62	5954.17
MW-15	12-Apr-05	<1	<2	<2	<2	0.021		2.82	5954.97
MW-15	11-May-05	<1	<2	<2	<2	0.031		2.47	5955.32
MW-15	08-Jun-05	<1	<2	<2	<2	0.059		2.36	5955.43
MW-15	12-Jul-05	<1	<2	<2	<2	0.0055		0.17	5957.62
MW-15	09-Aug-05	<1	<2	<2	<2	0.0069		0.42	5957.37
MW-15	12-Sep-05	<1	<2	<2	<2	0.007		0.36	5957.43
MW-15	11-Oct-05	<1	<2	<2	<2	0.058		0.42	5957.37
MW-15	08-Nov-05	<1	<2	<2	<2	0.025		0.44	5957.35
MW-15	08-Dec-05	<1	<2	<2	<2	0.038		0.56	5957.23
MW-15	11-Jan-06	<1	<2	<2	<2	0.044		0.68	5957.11
MW-15	15-Feb-06	<1	<2	<2	<2	0.026		0.58	5957.21
MW-15	15-Mar-06	<1	<2	<2	<2	0.027		0.40	5957.39
MW-15	11-Apr-06	<1	<2	<2	<2	0.012		0.50	5957.29
MW-15	10-May-06	<1	<2	<2	<2	0.01		0.51	5957.28
MW-15	12-Jun-06	<1	<2	<2	<2	0.01			
MW-15	06-Sep-06	<1	<2	<2	<2	0.036		0.00	5957.79
MW-15	06-Dec-06	<1	<2	<2	<2	0.015		0.00	5957.79
MW-15	13-Mar-07	<1	<2	<2	<2	0.012		0.10	5957.69
MW-15	21-Jun-07	<1	<2	<2	<2	0.015			
MW-15	11-Sep-07	<1	<2	<2	<2	<0.0008		0.00	5957.79
MW-15	18-Dec-07	<1	<2	<2	<2	0.0018		0.05	5957.74
MW-15	17-Jun-08	<1	<2	<2	<2	0.0072		2.12	5955.67
MW-15	29-Sep-08								Flooded
MW-15	08-Dec-08								Frozen
MW-15	16-Mar-09								Frozen
MW-15	15-Jun-09								Flooded
MW-15	16-Sep-09								Flooded
MW-16	21-Sep-04	9.5	<2	<2	<2	1.1			
MW-16	13-Oct-04	4.7	<2	<2	<2	0.85		7.79	5952.66
MW-16	09-Nov-04	2.7	<2	<2	<2	0.34		7.29	5953.16
MW-16	14-Dec-04	4.9	<2	<2	<2	0.8		6.92	5953.53
MW-16	12-Jan-05	7.6	<2	<2	<2	1.1		7.20	5953.25

Appendix B
 Summary of Historical Groundwater Analytical Results and Groundwater Elevations
 EnCana, West Divide Creek Seep
 Garfield County, Colorado

Sample ID	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylene (ug/L)	Methane (mg/L)	Estimated Thermogenic Methane (mg/L)	DTW (ft)	Groundwater Elevation (ft-msl)
MW-16	09-Feb-05	6.2	<2	<2	<2	0.72	0.5	6.96	5953.49
MW-16	08-Mar-05	6.1	<2	<2	<2	0.83		7.27	5953.18
MW-16	08-Mar-05	6.3	<2	<2	<2	0.66		7.27	5953.18
MW-16	08-Mar-05	6.2	<5	<0.5	NA	1.7		7.27	5953.18
MW-16	12-Apr-05	1.4	<2	<2	<2	0.57		7.39	5953.06
MW-16	09-May-05	1.9	<2	<2	<2	0.35		5.81	5954.64
MW-16	08-Jun-05	1.7	<2	<2	<2	0.37		4.20	5956.25
MW-16	12-Jul-05	4	<2	<2	<2	0.62		2.65	5957.80
MW-16	09-Aug-05	12	<2	<2	<2	1.1		4.83	5956.62
MW-16	12-Sep-05	6.4	<2	<2	<2	1.3		5.45	5955.00
MW-16	11-Oct-05	2.8	<2	<2	<2	0.91			
MW-16	08-Nov-05	4.1	<2	<2	<2	0.62			
MW-16	07-Dec-05	3.4	<2	<2	<2	0.67		4.73	5955.72
MW-16	11-Jan-06	2.1	<2	<2	<2	1.1		5.21	5955.24
MW-16	14-Feb-06	<0.5	<1	<1	<1	0.58		5.25	5955.20
MW-16	15-Mar-06	<1	<2	<2	<2	0.78		5.38	5955.07
MW-16	12-Apr-06	<1	<2	<2	<2	0.59		4.77	5955.68
MW-16	09-May-06	<1	<2	<2	<2	0.2		3.43	5957.02
MW-16	12-Jun-06	<1	<2	<2	<2	0.042			
MW-16	07-Sep-06	3.7	<5	<2	<2	1.7		6.41	5954.04
MW-16	05-Dec-06	<1	<2	<2	<2	1.1		5.21	5955.24
MW-16	13-Mar-07	<1	<2	<2	<2	0.54	0.1	5.50	5954.95
MW-16	20-Jun-07	<1	<2	<2	<2	0.17			
MW-16	12-Sep-07	<1	<2	<2	<2	0.8	0.3	6.45	5954.00
MW-16	18-Dec-07	<1	<2	<2	<2	1.2		8.50	5951.95
MW-16	04-Mar-08	<1	<2	<2	<2	1.2		5.60	5954.85
MW-16	17-Jun-08	<1	<2	<2	<2	0.021	<0.021	2.69	5957.76
MW-16	30-Sep-08	<1	<2	<2	<2	1.3	0.4	6.70	5953.75
MW-16	09-Dec-08	<1	<2	<2	<2	1.2	0.1	5.20	5955.25
MW-16	16-Mar-09	<1	<2	<2	<2	1.4	0.03	5.86	5954.59
MW-16	15-Jun-09	<1	<2	<2	<2	0.076	0.001	2.58	5957.87
MW-16	16-Sep-09	<1	<2	<2	<2	1.8		6.39	5954.06
MW-16	16-Sep-09	<1	<2	<2	<2	1.5		6.39	5954.06
MW-17	21-Sep-04	<1	<2	<2	46.6	8.3			
MW-17	13-Oct-04	230	110	4.1	39.8	7.5	6.2	10.48	5948.01
MW-17	09-Nov-04	140	7.2	3	20.7	7.6		9.60	5948.89
MW-17	14-Dec-04	110	<2	2.1	16.1	9.4		8.76	5949.73
MW-17	12-Jan-05	56	<2	<2	<2	7.1	5.1	8.84	5949.65
MW-17	09-Feb-05	76	<2	<2	<2	6.6	4.9	8.69	5949.80
MW-17	08-Mar-05	63	<2	<2	<2	6.8		8.84	5949.65
MW-17	12-Apr-05	44	<2	<2	<2	6.6		6.19	5952.30
MW-17	10-May-05	16	<2	<2	<2	1.9	1.0	4.90	5953.59
MW-17	08-Jun-05	1.4	<2	<2	<2	1.6		2.43	5956.06
MW-17	12-Jul-05	<1	<2	<2	<2	0.64		3.28	5955.21
MW-17	09-Aug-05	19	<2	<2	<2	2.7		5.53	5952.96
MW-17	12-Sep-05	110	3.6	<2	<2	5.3	3.3	7.02	5951.47
MW-17	11-Oct-05	72	<2	<2	<2	4.7			
MW-17	08-Nov-05	31	<2	<2	<2	3.2			
MW-17	07-Dec-05	31	<2	<2	<2	3.1		6.58	5951.91
MW-17	11-Jan-06	30	<2	<2	<2	3.2	1.8	6.88	5951.61
MW-17	14-Feb-06	26	<1	<1	<1	2.5		6.88	5951.61
MW-17	15-Mar-06	19	<2	<2	<2	3.5		6.55	5951.94
MW-17	12-Apr-06	12	<2	<2	<2	3		5.85	5952.64
MW-17	09-May-06	2.8	<2	<2	<2	1.4		4.20	5954.29
MW-17	12-Jun-06	<1	<2	<2	<2	2.6			
MW-17	07-Sep-06	24	<5	<2	<2	3.5	2.2	8.27	5950.22
MW-17	05-Dec-06	23	<2	<2	<2	2.2	1.2	7.31	5951.18

Appendix B
 Summary of Historical Groundwater Analytical Results and Groundwater Elevations
 EnCana, West Divide Creek Seep
 Garfield County, Colorado

Sample ID	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylene (ug/L)	Methane (mg/L)	Estimated Thermogenic Methane (mg/L)	DTW (ft)	Groundwater Elevation (ft-msl)
MW-17	13-Mar-07	66	<2	<2	<2	5.6	0.6	6.65	5951.84
MW-17	20-Jun-07	<1	<2	<2	<2	<0.0008			
MW-17	12-Sep-07	30	<2	<2	<2	2	1.2	9.68	5948.81
MW-17	18-Dec-07	16	<2	<2	<2	2		7.59	5950.90
MW-17	03-Mar-08	6.7	<2	<2	<2	1	0.5	6.90	5951.59
MW-17	17-Jun-08	<1	<2	<2	<2	<0.0008	<0.0008	2.66	5955.83
MW-17	30-Sep-08	31	<2	<2	<2	1.9	1.1	8.20	5950.29
MW-17	09-Dec-08	21	<2	<2	<2	1.9	1.0	6.75	5951.74
MW-17	16-Mar-09	13	<2	<2	<2	2.2	1.0	6.71	5951.78
MW-17	15-Jun-09	<1	<2	<2	<2	0.0027	<0.0008	3.25	5955.24
MW-17	16-Sep-09	41	<2	<2	<2	4.2	2.3	8.10	5950.39
MW-18	21-Sep-04	<1	<2	<2	<2	0.74			
MW-18	14-Oct-04	<1	<2	<2	<2	0.89	0.3	6.75	5945.68
MW-18	10-Nov-04	<1	<2	<2	<2	1.6		6.80	5945.63
MW-18	14-Dec-04	<1	<2	<2	<2	1.1		6.63	5945.80
MW-18	13-Jan-05	<1	<2	<2	<2	1.1	0.4		
MW-18	09-Feb-05	<1	<2	<2	<2	0.71	0.2	6.77	5945.66
MW-18	09-Mar-05	<1	<2	<2	<2	0.69		6.81	5945.62
MW-18	13-Apr-05	<1	<2	<2	<2	0.71		6.98	5945.45
MW-18	10-May-05	<1	<2	<2	<2	0.19	0.1	6.11	5946.32
MW-18	09-Jun-05	<1	<2	<2	<2	0.058		3.55	5948.88
MW-18	12-Jul-05	<1	<2	<2	<2	0.02			
MW-18	09-Aug-05	<1	<2	<2	<2	0.66		4.26	5948.17
MW-18	13-Sep-05	<1	<2	<2	<2	0.3	0.1	4.35	5948.08
MW-18	12-Oct-05	<1	<2	<2	<2	1.1			
MW-18	09-Nov-05	<1	<2	<2	<2	1.1		4.06	5948.37
MW-18	08-Dec-05	<1	<2	<2	<2	0.76		3.93	5948.50
MW-18	08-Dec-05	<1	<2	<2	<2	0.68		3.93	5948.50
MW-18	08-Dec-05	<0.5	<5	<0.5	NA	0.8		3.93	5948.50
MW-18	11-Jan-06	<1	<2	<2	<2	0.6	0.2	3.72	5948.71
MW-18	15-Feb-06	<1	<2	<2	<2	1.2		4.12	5948.31
MW-18	15-Mar-06	<1	<2	<2	<2	1.5		3.94	5948.49
MW-18	12-Apr-06	<1	<2	<2	<2	0.46		3.30	5949.13
MW-18	11-May-06	<1	<2	<2	<2	0.25	0.1	3.33	5949.10
MW-18	13-Jun-06	<0.5	<0.5	<0.5	<0.5	1.46			
MW-18	13-Jun-06	<1	<2	<2	<2	1.4			
MW-18	06-Sep-06	<1	<2	<2	<2	0.99	0.4	4.58	5947.85
MW-18	05-Dec-06	<1	<2	<2	<2	0.0057	0.0	4.02	5948.41
MW-18	13-Mar-07	<1	<2	<2	<2	0.0034	0.0	3.10	5949.33
MW-18	22-Jun-07	<1	<2	<2	<2	0.026			
MW-18	11-Sep-07	<1	<2	<2	<2	<0.0008		3.85	5948.58
MW-18	18-Dec-07	<1	<2	<2	<2	<0.0008		3.35	5949.08
MW-18	04-Mar-08	<1	<2	<2	<2	<0.0008		3.15	5949.28
MW-18	17-Jun-08	<1	<2	<2	<2	0.15		3.78	5948.65
MW-18	30-Sep-08	<1	<2	<2	<2	<0.0008		4.50	5947.93
MW-18	08-Dec-08	<1	<2	<2	<2	0.034		3.40	5949.03
MW-18	16-Mar-09	<1	<2	<2	<2	<0.0008		3.75	5948.68
MW-18	15-Jun-09	<1	<2	<2	<2	0.81		3.91	5948.52
MW-18	16-Sep-09	<1	<2	<2	<2	<0.0008		4.50	5947.93
MW-19	21-Sep-04	<1	2.4	<2	<2	1.6			
MW-19	13-Oct-04	<1	7.8	<2	<2	0.34		2.94	5966.50
MW-19	09-Nov-04	<1	10	<2	<2	4		4.20	5965.24
MW-19	13-Dec-04	<1	14	<2	<2	3.9		3.42	5966.02
MW-19	12-Jan-05	<1	9	<2	<2	2.6		3.32	5966.12
MW-19	08-Mar-05	<1	13	<2	<2	3.7		4.77	5964.67
MW-19	12-Apr-05	<1	<2	<2	<2	2.2		3.67	5965.77

Appendix B

Summary of Historical Groundwater Analytical Results and Groundwater Elevations
EnCana, West Divide Creek Seep
Garfield County, Colorado

Sample ID	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylene (ug/L)	Methane (mg/L)	Estimated Thermogenic Methane (mg/L)	DTW (ft)	Groundwater Elevation (ft-msl)
MW-19	09-May-05	<1	9	<2	<2	1		3.37	5966.07
MW-19	08-Jun-05	<1	<2	<2	<2	2		2.71	5966.73
MW-19	11-Jul-05	<1	2.7	<2	<2	1.2		4.51	5964.93
MW-19	08-Aug-05	<1	5.7	<2	<2	1.7		2.83	5966.61
MW-19	12-Sep-05	<1	2.7	<2	<2	2.1		2.78	5966.66
MW-19	11-Oct-05	<1	3.1	<2	<2	2.2		2.63	5966.81
MW-19	07-Nov-05	<1	<2	<2	<2	2			
MW-19	11-Apr-06	<1	<2	<2	<2	0.95		4.05	5965.39
MW-19	10-May-06	<1	4.5	<2	<2	1.1		3.18	5966.26
MW-19	12-Jun-06	<1	<2	<2	<2	1.3			5969.44
MW-19	17-Jun-08								Flooded
MW-19	29-Sep-08								Lost
MW-19	08-Dec-08								Frozen
MW-19	16-Mar-09								Lost
MW-19	15-Jun-09								Flooded
MW-19	16-Sep-09								Flooded
MW-20	02-Sep-04	<1	<2	<2	<2	0.89			
MW-20	14-Oct-04	<1	<2	<2	<2	0.36		11.90	5941.98
MW-20	10-Nov-04	<1	<2	<2	<2	0.048		11.75	5942.13
MW-20	14-Dec-04	<1	<2	<2	<2	0.0078		11.12	5942.76
MW-20	13-Jan-05	<1	<2	<2	<2	0.0039			
MW-20	09-Feb-05	<1	<2	<2	<2	0.00092		10.54	5943.34
MW-20	09-Mar-05	<1	<2	<2	<2	0.0008		10.33	5943.55
MW-20	13-Apr-05	<1	<2	<2	<2	0.0011		10.23	5943.65
MW-20	10-May-05	<1	<2	<2	<2	0.002		9.83	5944.05
MW-20	09-Jun-05	<1	<2	<2	<2	0.0092		7.12	5946.76
MW-20	12-Jul-05	<1	<2	<2	<2	0.053			
MW-20	09-Aug-05	<1	<2	<2	<2	0.017		1.48	5952.40
MW-20	13-Sep-05	<1	<2	<2	<2	0.002		9.28	5944.60
MW-20	12-Oct-05	<1	<2	<2	<2	<0.0008		9.11	5944.77
MW-20	08-Nov-05	<1	<2	<2	<2	0.00084			
MW-20	08-Dec-05	<1	<2	<2	<2	<0.0008		8.27	5945.61
MW-20	11-Jan-06	<1	<2	<2	<2	<0.0008		8.06	5945.82
MW-20	15-Feb-06	<1	<2	<2	<2	<0.0008		7.96	5945.92
MW-20	15-Mar-06	<1	<2	<2	<2	<0.0008		7.73	5946.15
MW-20	11-Apr-06	<1	<2	<2	<2	<0.0008		7.35	5946.53
MW-20	11-May-06	<1	<2	<2	<2	0.00086		7.01	5946.87
MW-20	13-Jun-06	<1	<2	<2	<2	0.00855			
MW-20	21-Jul-06	<1	<2	<2	<2	<0.0008			
MW-20	28-Jul-06	<1	<2	<2	<2	0.0011			
MW-20	04-Aug-06	<1	<2	<2	<2	<0.0008			
MW-20	11-Aug-06	<1	<2	<2	<2	<0.0008			
MW-20	16-Aug-06	<1	<2	<2	<2	0.0033			
MW-20	24-Aug-06	<1	<2	<2	<2	0.0022		9.71	5944.17
MW-20	31-Aug-06	<1	<2	<2	<2	0.0011		9.85	5944.03
MW-20	06-Sep-06	<1	<2	<2	<2	0.011		10.00	5943.88
MW-20	13-Sep-06	<1	<2	<2	<2	<0.0008		10.04	5943.84
MW-20	21-Sep-06	<1	<2	<2	<2	0.0015		9.96	5943.92
MW-20	27-Sep-06	<1	<2	<2	<2	0.00096		9.82	5944.06
MW-20	06-Oct-06	<1	<2	<2	<2	<0.0008		9.88	5944.00
MW-20	12-Oct-06	<1	<2	<2	<2	<0.0008		9.54	5944.34
MW-20	19-Oct-06	<1	<2	<2	<2	<0.0008		9.43	5944.45
MW-20	25-Oct-06	<1	<2	<2	<2	<0.0008		9.64	5944.24
MW-20	01-Nov-06	<1	<2	<2	<2	<0.0008		9.25	5944.63
MW-20	17-Nov-06	<1	<2	<2	<2	<0.0008		9.03	5944.85
MW-20	06-Dec-06	<1	<2	<2	<2	<0.0008		7.92	5945.96
MW-20	03-Jan-07	<1	<2	<2	<2	<0.0008			

Appendix B

Summary of Historical Groundwater Analytical Results and Groundwater Elevations
EnCana, West Divide Creek Seep
Garfield County, Colorado

Sample ID	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylene (ug/L)	Methane (mg/L)	Estimated Thermogenic Methane (mg/L)	DTW (ft)	Groundwater Elevation (ft-msl)
MW-20	17-Jan-07	<1	<2	<2	<2	<0.0008			
MW-20	05-Feb-07	<1	<2	<2	<2	<0.0008			
MW-20	22-Feb-07	<1	<2	<2	<2	<0.0008		8.32	5945.56
MW-20	07-Mar-07	<1	<2	<2	<2	<0.0008		8.19	5945.69
MW-20	13-Mar-07	<1	<2	<2	<2	<0.0008		8.20	5945.68
MW-20	26-Mar-07	<1	<2	<2	<2	0.0012			
MW-20	11-Apr-07	<1	<2	<2	<2	<0.0008			
MW-20	25-Apr-07	<0.5	<5	<0.5	<2	<0.01			
MW-20	08-May-07	<0.5	<5	<0.5	<2	<0.01			
MW-20	22-Jun-07	<1	<2	<2	<2	0.0012			
MW-20	11-Sep-07	<1	<2	<2	<2	<0.0008		10.15	5943.73
MW-20	18-Dec-07	<1	<2	<2	<2	<0.0008		8.25	5945.63
MW-20	04-Mar-08	<1	<2	<2	<2	<0.0008		7.69	5946.19
MW-20	17-Jun-08	<1	<2	<2	<2	<0.0008		6.23	5947.65
MW-20	30-Sep-08	<1	<2	<2	<2	0.0035		9.75	5944.13
MW-20	08-Dec-08	<1	<2	<2	<2	0.0011		8.61	5945.27
MW-20	16-Mar-09	<1	<2	<2	<2	<0.0008		7.85	5946.03
MW-20	15-Jun-09	<1	<2	<2	<2	0.00089		6.98	5946.90
MW-20	16-Sep-09	<1	<2	<2	<2	<0.0008		9.96	5943.92
MW-21	02-Sep-04	<1	<2	<2	<2	0.0087			
MW-21	14-Oct-04	<1	<2	<2	<2	0.0049		25.20	5944.25
MW-21	10-Nov-04	<1	<2	<2	<2	0.0011		24.80	5944.65
MW-21	14-Dec-04	<1	<2	<2	<2	0.0016		23.54	5945.91
MW-21	13-Jan-05	<1	<2	<2	<2	<0.0009			
MW-21	09-Feb-05	<1	<2	<2	<2	0.00086		23.68	5945.77
MW-21	09-Mar-05	<1	<2	<2	<2	<0.0008		23.56	5945.89
MW-21	13-Apr-05	<1	<2	<2	<2	<0.0008		23.33	5946.12
MW-21	10-May-05	<1	<2	<2	<2	<0.0008		22.79	5946.66
MW-21	09-Jun-05	<1	<2	<2	<2	0.0019		21.93	5947.52
MW-21	13-Jul-05	<1	<2	<2	<2	0.0028		22.24	5947.21
MW-21	09-Aug-05	<1	<2	<2	<2	0.0011		23.42	5946.03
MW-21	13-Sep-05	<1	<2	<2	<2	0.0011		24.43	5945.02
MW-21	12-Oct-05	<1	<2	<2	<2	0.0015		24.34	5945.11
MW-21	08-Nov-05	<1	<2	<2	<2	0.0013		23.89	5945.56
MW-21	08-Dec-05	<1	<2	<2	<2	0.00092		23.52	5945.93
MW-21	12-Jan-06	<1	<2	<2	<2	0.0013		23.37	5946.08
MW-21	15-Feb-06	<1	<2	<2	<2	0.0013		23.22	5946.23
MW-21	15-Mar-06	<1	<2	<2	<2	0.01		20.33	5949.12
MW-21	11-Apr-06	<1	<2	<2	<2	0.0022		22.48	5946.97
MW-21	11-May-06	<1	<2	<2	<2	0.0017		22.00	5947.45
MW-21	13-Jun-06	<1	<2	<2	<2	0.0032			
MW-21	21-Jul-06	<1	<2	<2	<2	0.0016			
MW-21	28-Jul-06	<1	<2	<2	<2	0.0019			
MW-21	04-Aug-06	<1	<2	<2	<2	0.001			
MW-21	11-Aug-06	<1	<2	<2	<2	0.0011			
MW-21	16-Aug-06	<1	<2	<2	<2	0.0023			
MW-21	24-Aug-06	<1	<2	<2	<2	0.0026		24.79	5944.66
MW-21	31-Aug-06	<1	<2	<2	<2	0.0036		24.87	5944.58
MW-21	06-Sep-06	<1	<2	<2	<2	0.0057		24.95	5944.50
MW-21	13-Sep-06	<1	<2	<2	<2	0.0031		25.31	5944.14
MW-21	21-Sep-06	<1	<2	<2	<2	0.0036		25.31	5944.14
MW-21	27-Sep-06	<1	<2	<2	<2	0.0039		25.08	5944.37
MW-21	06-Oct-06	<1	<2	<2	<2	0.0019		25.21	5944.24
MW-21	12-Oct-06	<1	<2	<2	<2	<0.0008		24.85	5944.60
MW-21	19-Oct-06	<1	<2	<2	<2	<0.0008		24.75	5944.70
MW-21	25-Oct-06	<1	<2	<2	<2	<0.0008		24.68	5944.77
MW-21	01-Nov-06	<1	<2	<2	<2	<0.0008		24.53	5944.92

Appendix B

Summary of Historical Groundwater Analytical Results and Groundwater Elevations
EnCana, West Divide Creek Seep
Garfield County, Colorado

Sample ID	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylene (ug/L)	Methane (mg/L)	Estimated Thermogenic Methane (mg/L)	DTW (ft)	Groundwater Elevation (ft-msl)
MW-21	17-Nov-06	<1	<2	<2	<2	<0.0008		24.61	5944.84
MW-21	06-Dec-06	<1	<2	<2	<2	0.0019		24.26	5945.19
MW-21	03-Jan-07	<1	<2	<2	<2	<0.0008			
MW-21	17-Jan-07	<1	<2	<2	<2	<0.0008			
MW-21	05-Feb-07	<1	<2	<2	<2	<0.0008			
MW-21	22-Feb-07	<1	<2	<2	<2	<0.0008		23.68	5945.77
MW-21	07-Mar-07	<1	<2	<2	<2	0.00086		23.82	5945.63
MW-21	13-Mar-07	<1	<2	<2	<2	<0.0008		23.60	5945.85
MW-21	26-Mar-07	<1	<2	<2	<2	<0.0008			
MW-21	11-Apr-07	<1	<2	<2	<2	<0.0008			
MW-21	25-Apr-07	<0.5	<5	<0.5	<2	<0.0008			
MW-21	08-May-07	<0.5	<5	<0.5	<2	<0.0008			
MW-21	22-Jun-07	<1	<2	<2	<2	0.00095			
MW-21	11-Sep-07	<1	<2	<2	<2	0.0012		24.95	5944.50
MW-21	18-Dec-07	<1	<2	<2	<2	0.0038		23.81	5945.64
MW-21	04-Mar-08	<1	<2	<2	<2	<0.0008		23.12	5946.33
MW-21	17-Jun-08	<1	<2	<2	<2	<0.0008		20.80	5948.65
MW-21	30-Sep-08	<1	<2	<2	<2	0.0015		25.00	5944.45
MW-21	08-Dec-08	<1	<2	<2	<2	<0.0008		23.90	5945.55
MW-21	16-Mar-09	<1	<2	<2	<2	<0.0008		23.27	5946.18
MW-21	15-Jun-09	<1	<2	<2	<2	0.0011		21.55	5947.90
MW-21	16-Sep-09	<1	<2	<2	<2	0.002		25.12	5944.33
MW-22	21-Sep-04	<1	<2	<2	<2	0.025			
MW-22	14-Oct-04	<1	<2	<2	<2	0.061		13.50	5943.58
MW-22	10-Nov-04	<1	<2	<2	<2	0.023		13.20	5943.88
MW-22	14-Dec-04	<1	<2	<2	<2	0.069		12.42	5944.66
MW-22	13-Jan-05	<1	<2	<2	<2	0.03			
MW-22	09-Feb-05	<1	<2	<2	<2	0.0087		11.95	5945.13
MW-22	09-Mar-05	<1	<2	<2	<2	0.0043		11.89	5945.19
MW-22	09-Mar-05	<1	<2	<2	<2	0.0034		11.89	5945.19
MW-22	09-Mar-05	<0.5	<5	<0.5	<2	<0.01		11.89	5945.19
MW-22	13-Apr-05	<1	<2	<2	<2	0.0013		11.78	5945.30
MW-22	10-May-05	<1	<2	<2	<2	<0.0008		11.14	5945.94
MW-22	09-Jun-05	<1	<2	<2	<2	0.0066		8.11	5948.97
MW-22	12-Jul-05	<1	<2	<2	<2	0.021		8.64	5948.44
MW-22	09-Aug-05	<1	<2	<2	<2	0.0084		9.65	5947.43
MW-22	13-Sep-05	<1	<2	<2	<2	0.0025		10.56	5946.52
MW-22	12-Oct-05	<1	<2	<2	<2	0.004		10.56	5946.52
MW-22	08-Nov-05	<1	<2	<2	<2	0.0042		10.16	5946.92
MW-22	08-Dec-05	<1	<2	<2	<2	<0.0008		9.82	5947.26
MW-22	11-Jan-06	<1	<2	<2	<2	0.007		9.06	5948.02
MW-22	15-Feb-06	<1	<2	<2	<2	0.0015		9.79	5947.29
MW-22	15-Mar-06	<1	<2	<2	<2	0.009		9.51	5947.57
MW-22	11-Apr-06	<1	<2	<2	<2	0.0052		9.05	5948.03
MW-22	11-May-06	<1	<2	<2	<2	<0.0008		9.43	5947.65
MW-22	13-Jun-06	<1	<2	<2	<2	0.0014			
MW-22	06-Sep-06	<1	<2	<2	<2	0.049		10.00	5947.08
MW-22	05-Dec-06	<1	<2	<2	<2	0.00085		10.56	5946.52
MW-22	13-Mar-07	<1	<2	<2	<2	<0.0008		9.95	5947.13
MW-22	22-Jun-07	<1	<2	<2	<2	<0.0008			
MW-22	11-Sep-07	<1	<2	<2	<2	<0.0008		11.45	5945.63
MW-22	18-Dec-07	<1	<2	<2	<2	<0.0008		9.92	5947.16
MW-22	04-Mar-08	<1	<2	<2	<2	<0.0008		9.43	5947.65
MW-22	17-Jun-08	<1	<2	<2	<2	<0.0008		7.21	5949.87
MW-22	30-Sep-08	<1	<2	<2	<2	<0.0008		11.55	5945.53
MW-22	08-Dec-08	<1	<2	<2	<2	<0.0008		10.25	5946.83
MW-22	16-Mar-09	<1	<2	<2	<2	<0.0008		9.67	5947.41

Appendix B
Summary of Historical Groundwater Analytical Results and Groundwater Elevations
EnCana, West Divide Creek Seep
Garfield County, Colorado

Sample ID	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylene (ug/L)	Methane (mg/L)	Estimated Thermogenic Methane (mg/L)	DTW (ft)	Groundwater Elevation (ft-msl)
MW-22	15-Jun-09	<1	<2	<2	<2	<0.0008		8.35	5948.73
MW-22	16-Sep-09	<1	<2	<2	<2	<0.0008		11.74	5945.34
MW-23	23-Sep-04	<1	<2	<2	<2	3.7			
MW-23	14-Oct-04	<1	<2	<2	<2	5.5		17.05	5935.64
MW-23	10-Nov-04	<1	<2	<2	<2	6.1		17.20	5935.49
MW-23	14-Dec-04	<1	<2	<2	<2	6.6		15.71	5936.98
MW-23	13-Jan-05	<1	<2	<2	<2	7.2		16.02	5936.67
MW-23	10-Feb-05	<1	<2	<2	<2	4.3	0.0		
MW-23	09-Mar-05	<1	<2	<2	<2	4.1		16.58	5936.11
MW-23	13-Apr-05	<1	<2	<2	<2	7.5		16.08	5936.61
MW-23	11-May-05	<1	<2	<2	<2	4		14.51	5938.18
MW-23	09-Jun-05	<1	<2	<2	<2	4.9		13.15	5939.54
MW-23	13-Jul-05	<1	<2	<2	<2	3.4		13.33	5939.36
MW-23	10-Aug-05	<1	<2	<2	<2	3.6		15.14	5937.55
MW-23	12-Sep-05	<1	<2	<2	<2	4.4		16.93	5935.76
MW-23	11-Oct-05	<1	<2	<2	<2	3.3			
MW-23	09-Nov-05	<1	<2	<2	<2	3.5			
MW-23	08-Dec-05	<1	<2	<2	<2	3.2		16.08	5936.61
MW-23	12-Jan-06	<1	<2	<2	<2	3		16.16	5936.53
MW-23	15-Feb-06	<1	<2	<2	<2	5.5		16.03	5936.66
MW-23	16-Mar-06	<1	<2	<2	<2	7.3		16.15	5936.54
MW-23	11-Apr-06	<1	<2	<2	<2	5.3		14.80	5937.89
MW-23	11-May-06	<1	<2	<2	<2	4.6		13.15	5939.54
MW-23	13-Jun-06	<1	<2	<2	<2	0.92			
MW-23	21-Jul-06	<1	<2	<2	<2	2.4			
MW-23	28-Jul-06	<1	<2	<2	<2	3.6			
MW-23	04-Aug-06	<1	<2	<2	<2	4.2			
MW-23	11-Aug-06	<1	<2	<2	<2	4			
MW-23	16-Aug-06	<1	<2	<2	<2	3.3			
MW-23	24-Aug-06	<1	<2	<2	<2	5.4			
MW-23	31-Aug-06	<1	<2	<2	<2	5		17.39	5935.30
MW-23	06-Sep-06	<1	<2	<2	<2	2.9		17.29	5935.40
MW-23	13-Sep-06	<1	<2	<2	<2	5.5		17.36	5935.33
MW-23	21-Sep-06	<1	<2	<2	<2	4.8		17.45	5935.24
MW-23	27-Sep-06	<1	<2	<2	<2	4		17.22	5935.47
MW-23	06-Oct-06	<1	<2	<2	<2	4.6		17.18	5935.51
MW-23	12-Oct-06	<1	<2	<2	<2	5.7		17.21	5935.48
MW-23	19-Oct-06	<1	<2	<2	<2	4.2		16.64	5936.05
MW-23	25-Oct-06	<1	<2	<2	<2	3.9		16.89	5935.80
MW-23	01-Nov-06	<1	<2	<2	<2	3.1		16.31	5936.38
MW-23	17-Nov-06	<1	<2	<2	<2	1.6		16.25	5936.44
MW-23	06-Dec-06	<1	<2	<2	<2	1.2		16.32	5936.37
MW-23	03-Jan-07	<1	<2	<2	<2	2.3			
MW-23	17-Jan-07	<1	<2	<2	<2	1.7			
MW-23	05-Feb-07	<1	<2	<2	<2	2.2			
MW-23	22-Feb-07	<1	<2	<2	<2	4		15.68	5937.01
MW-23	07-Mar-07	<1	<2	<2	<2	3.4		15.34	5937.35
MW-23	13-Mar-07	<1	<2	<2	<2	3.4	0.2	15.30	5937.39
MW-23	26-Mar-07	<1	<2	<2	<2	3.6			
MW-23	11-Apr-07	<1	<2	<2	<2	2.2			
MW-23	25-Apr-07	<0.5	<5	<2	<2	3.2			
MW-23	08-May-07	<0.5	<5	<2	<2	2.1			
MW-23	22-Jun-07	<1	<2	<2	<2	2.3			
MW-23	10-Sep-07	<1	<2	<2	<2	3.6		17.29	5935.40
MW-23	18-Dec-07	<1	<2	<2	<2	4.5		16.65	5936.04
MW-23	04-Mar-08	<1	<2	<2	<2	1.3		16.17	5936.52
MW-23	17-Jun-08	<1	<2	<2	<2	0.0012		12.16	5940.53

Appendix B
 Summary of Historical Groundwater Analytical Results and Groundwater Elevations
 EnCana, West Divide Creek Seep
 Garfield County, Colorado

Sample ID	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylene (ug/L)	Methane (mg/L)	Estimated Thermogenic Methane (mg/L)	DTW (ft)	Groundwater Elevation (ft-msl)
MW-23	29-Sep-08	<1	<2	<2	<2	0.72		17.10	5935.59
MW-23	08-Dec-08	<1	<2	<2	<2	0.45		14.77	5937.92
MW-23	16-Mar-09	<1	<2	<2	<2	0.37		15.52	5937.17
MW-23	15-Jun-09	<1	<2	<2	<2	<0.0008	<0.0008	11.62	5941.07
MW-23	16-Sep-09	<1	<2	<2	<2	<0.0008	<0.0008	17.00	5935.69
MW-23	16-Sep-09	<1	<2	<2	<2	0.0011		17.00	5935.69
MW-24	21-Sep-04	<1	<2	<2	<2	<0.0008			
MW-24	14-Oct-04	<1	<2	<2	<2	0.00082		5.25	5949.66
MW-24	10-Nov-04	<1	<2	<2	<2	<0.0008		6.00	5948.91
MW-24	14-Dec-04	<1	<2	<2	<2	<0.0008		6.54	5948.37
MW-24	13-Jan-05	<1	<2	<2	<2	<0.0008			
MW-24	10-Feb-05	<1	<2	<2	<2	<0.0008			
MW-24	09-Mar-05	<1	<2	<2	<2	<0.0008		6.95	5947.96
MW-24	13-Apr-05	<1	<2	<2	<2	<0.0008		7.28	5947.63
MW-24	11-May-05	<1	<2	<2	<2	<0.0008		2.64	5952.27
MW-24	09-Jun-05	<1	<2	<2	<2	<0.0008		7.08	5947.83
MW-24	13-Jul-05	<1	<2	<2	<2	<0.0008			
MW-24	10-Aug-05	<1	<2	<2	<2	<0.0008		5.02	5949.89
MW-24	10-Aug-05	<1	<2	<2	<2	<0.0008		5.02	5949.89
MW-24	10-Aug-05	<0.5	<5	<0.5	1.9	<0.01		5.02	5949.89
MW-24	12-Sep-05	<1	<2	<2	<2	<0.0008		5.35	5949.56
MW-24	12-Oct-05	<1	<2	<2	<2	<0.0008		5.83	5949.08
MW-24	09-Nov-05	<1	<2	<2	<2	<0.0008			
MW-24	09-Nov-05	<0.5	<5	<0.5	NA	<0.01			
MW-24	09-Nov-05	<1	<2	<2	<2	<0.0008			
MW-24	08-Dec-05	<1	<2	<2	<2	<0.0008		5.82	5949.09
MW-24	10-Jan-06	<1	<2	<2	<2	<0.0008		5.88	5949.03
MW-24	15-Feb-06	<1	<2	<2	<2	<0.0008		6.18	5948.73
MW-24	15-Feb-06	<1	<2	<2	<2	<0.0008		6.18	5948.73
MW-24	15-Feb-06	<0.5	<0.5	<0.5	<0.5	<0.0034		6.18	5948.73
MW-24	16-Mar-06	<1	<2	<2	<2	0.002		6.45	5948.46
MW-24	13-Apr-06	<1	<2	<2	<2	<0.0008		6.13	5948.78
MW-24	11-May-06	<1	<2	<2	<2	<0.0008		6.78	5948.13
MW-24	13-Jun-06	<1	<2	<2	<2	<0.0008			
MW-24	06-Sep-06	<1	<2	<2	<2	<0.0008		5.23	5949.68
MW-24	06-Dec-06	<1	<2	<2	<2	<0.0008		5.36	5949.55
MW-24	06-Dec-06	<0.25	<0.25	<0.25	<0.25	0.00028		5.36	5949.55
MW-24	12-Mar-07	<1	<2	<2	<2	<0.0008		5.80	5949.11
MW-24	22-Jun-07	<1	<2	<2	<2	<0.0008			
MW-24	10-Sep-07	<1	<2	<2	<2	0.021		5.15	5949.76
MW-24	18-Dec-07	<1	<2	<2	<2	<0.0008		5.41	5949.50
MW-24	05-Mar-08	<1	<2	<2	<2	<0.0008		5.01	5949.90
MW-24	17-Jun-08	<1	<2	<2	<2	<0.0008		6.15	5948.76
MW-24	01-Oct-08	<1	<2	<2	<2	0.004		4.85	5950.06
MW-24	10-Dec-08	<1	<2	<2	<2	<0.0008		4.58	5950.33
MW-24	10-Dec-08	<1	<2	<2	<2	<0.0008		4.58	5950.33
MW-24	10-Dec-08	<1	<1	<1	<1	<0.001		4.58	5950.33
MW-24	17-Mar-09	<1	<2	<2	<2	<0.0008		5.45	5949.46
MW-24	16-Jun-09	<1	<2	<2	<2	0.014		3.89	5951.02
MW-24	17-Sep-09	<1	<2	<2	<2	0.6		4.38	5950.53
MW-25	21-Sep-04	<1	<2	<2	<2	0.093			
MW-25	13-Oct-04	<1	<2	<2	<2	0.029		2.57	5969.22
MW-25	09-Nov-04	<1	<2	<2	<2	0.06		3.30	5968.49
MW-25	13-Dec-04	<1	<2	<2	<2	0.087		2.54	5969.25
MW-25	08-Mar-05	<1	<2	<2	<2	0.17		4.02	5967.77
MW-25	12-Apr-05	<1	<2	<2	<2	0.065		4.74	5967.05

Appendix B
Summary of Historical Groundwater Analytical Results and Groundwater Elevations
EnCana, West Divide Creek Seep
Garfield County, Colorado

Sample ID	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylene (ug/L)	Methane (mg/L)	Estimated Thermogenic Methane (mg/L)	DTW (ft)	Groundwater Elevation (ft-msl)
MW-25	09-May-05	<1	<2	<2	<2	0.08		2.89	5968.90
MW-25	08-Jun-05	<1	<2	<2	<2	0.067		2.08	5969.71
MW-25	11-Jul-05	<1	<2	<2	<2	0.041			
MW-25	08-Aug-05	<1	<2	<2	<2	0.06		2.51	5969.28
MW-25	12-Sep-05	<1	<2	<2	<2	0.4		2.68	5969.11
MW-25	11-Oct-05	<1	<2	<2	<2	0.0079		2.51	5969.28
MW-25	07-Nov-05	<1	<2	<2	<2	0.034			
MW-25	11-Apr-06	<1	<2	<2	<2	0.13		2.75	5969.04
MW-25	10-May-06	<1	<2	<2	<2	0.14		2.65	5969.14
MW-25	12-Jun-06	<1	<2	<2	<2	0.06			
MW-25	06-Sep-06	<1	<2	<2	<2	0.068		2.42	5969.37
MW-25	13-Mar-07	<1	<2	<2	<2	0.076			
MW-25	21-Jun-07	<1	<2	<2	<2	0.2			
MW-25	12-Sep-07	<1	<2	<2	<2	0.0023		2.71	5969.08
MW-25	17-Jun-08	<1	<2	<2	<2	0.0025		2.51	5969.28
MW-25	29-Sep-08								Lost
MW-25	08-Dec-08								Frozen
MW-25	17-Mar-09	<1	<2	<2	<2	<0.0008		3.30	5968.49
MW-25	15-Jun-09	<1	<2	<2	<2	0.011		4.03	5967.76
MW-25	17-Sep-09	<1	<2	<2	<2	0.11		3.73	5968.06
MW-26	21-Sep-04	<1	<2	<2	<2	0.82			
MW-26	14-Oct-04	<1	<2	<2	<2	1.4		4.15	5950.50
MW-26	10-Nov-04	<1	<2	<2	<2	4		4.90	5949.75
MW-26	14-Dec-04	<1	<2	<2	<2	2.4		4.81	5949.84
MW-26	13-Jan-05	<0.5	<5	<0.5	NA	0.5		5.79	5948.86
MW-26	13-Jan-05	<1	<2	<2	<2	2.4		5.79	5948.86
MW-26	13-Jan-05	<1	<2	<2	<2	2.1		5.79	5948.86
MW-26	10-Feb-05	<0.5	<5	<0.5	NA	2.9			
MW-26	10-Feb-05	<1	<2	<2	<2	3.2			
MW-26	10-Feb-05	<1	<2	<2	<2	2.9			
MW-26	09-Mar-05	<1	<2	<2	<2	3.4		4.25	5950.40
MW-26	13-Apr-05	<1	<2	<2	<2	3.3		4.15	5950.50
MW-26	13-Apr-05	<1	<2	<2	<2	3.3		4.15	5950.50
MW-26	13-Apr-05	<0.5	<2	<0.5	NA	3.7		4.15	5950.50
MW-26	11-May-05	<1	<2	<2	<2	2.1		1.77	5952.88
MW-26	11-May-05	<0.5	<5	<0.5	NA	0.38		1.77	5952.88
MW-26	11-May-05	<1	<2	<2	<2	2.3		1.77	5952.88
MW-26	08-Jun-05	<1	<2	<2	<2	2.8		1.79	5952.86
MW-26	12-Jul-05	<1	<2	<2	<2	1.5		1.79	5952.86
MW-26	09-Aug-05	<1	<2	<2	<2	1		1.48	5953.17
MW-26	13-Sep-05	<1	<2	<2	<2	0.97		1.32	5953.33
MW-26	13-Sep-05	<1	<2	<2	<2	0.99		1.32	5953.33
MW-26	13-Sep-05	<0.5	<5	<0.5	NA	1.5		1.32	5953.33
MW-26	11-Oct-05	<1	<2	<2	<2	0.48		1.45	5953.20
MW-26	09-Nov-05	<1	<2	<2	<2	1.4		1.79	5952.86
MW-26	08-Dec-05	<1	<2	<2	<2	0.86		1.75	5952.90
MW-26	12-Jan-06	<1	<2	<2	<2	1.2		1.65	5953.00
MW-26	15-Feb-06	<1	<2	<2	<2	1		1.64	5953.01
MW-26	16-Mar-06	<1	<2	<2	<2	0.83		1.48	5953.17
MW-26	16-Mar-06	<0.25	<0.25	<0.25	<0.25	0.000377		1.48	5953.17
MW-26	12-Apr-06	<1	<2	<2	<2	0.45		1.13	5953.52
MW-26	12-Apr-06	<0.25	<0.25	<0.25	<0.25	0.858		1.13	5953.52
MW-26	11-May-06	<1	<2	<2	<2	0.75		1.55	5953.10
MW-26	11-May-06	<0.5	<0.5	<0.5	<0.5	0.877		1.55	5953.10
MW-26	13-Jun-06	<1	<2	<2	<2	0.63			
MW-26	13-Jun-06	<0.5	<0.5	<0.5	<0.5	0.767			
MW-26	07-Sep-06	<1	<5	<2	<2	1.5		1.20	5953.45

Appendix B
Summary of Historical Groundwater Analytical Results and Groundwater Elevations
EnCana, West Divide Creek Seep
Garfield County, Colorado

Sample ID	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylene (ug/L)	Methane (mg/L)	Estimated Thermogenic Methane (mg/L)	DTW (ft)	Groundwater Elevation (ft-msl)
MW-26	06-Dec-06	<0.25	<0.25	<0.25	<0.25	0.355		0.98	5953.67
MW-26	06-Dec-06	<1	<2	<2	<2	1.1		0.98	5953.67
MW-26	06-Dec-06	<1	<2	<2	<2	0.76		0.98	5953.67
MW-26	12-Mar-07	<1	<2	<2	<2	0.56		0.70	5953.95
MW-26	21-Jun-07	<1	<2	<2	<2	0.62			
MW-26	11-Sep-07	<1	<2	<2	<2	1.4		1.00	5953.65
MW-26	18-Dec-07	<1	<2	<2	<2	0.036		1.73	5952.92
MW-26	04-Mar-08	<1	<2	<2	<2	0.35		0.60	5954.05
MW-26	17-Jun-08	<1	<2	<2	<2	0.55		1.30	5953.35
MW-26	17-Jun-08	<1	<1	<1	<2			1.30	5953.35
MW-26	01-Oct-08	<1	<2	<2	<2	1		1.60	5953.05
MW-26	09-Dec-08	<1	<2	<2	<2	0.73		1.25	5953.40
MW-26	09-Dec-08	<1	<2	<2	<2	0.79		1.25	5953.40
MW-26	09-Dec-08	<1	<1	<1	<1	0.145		1.25	5953.40
MW-26	17-Mar-09	<1	<2	<2	<2	0.14		1.59	5953.06
MW-26	16-Jun-09	<1	<2	<2	<2	0.33		1.00	5953.65
MW-26	17-Sep-09	<1	<2	<2	<2	0.049		1.60	5953.05
MW-27	23-Sep-04	<1	<2	<2	<2	0.00095			
MW-27	14-Oct-04	<1	<2	<2	<2	<0.0008		9.72	5946.50
MW-27	10-Nov-04	<1	<2	<2	<2	0.0011		7.30	5948.92
MW-27	14-Dec-04	<1	<2	<2	<2	0.00091		6.74	5949.48
MW-27	13-Jan-05	<1	<2	<2	<2	<0.0009		7.39	5948.83
MW-27	10-Feb-05	<1	<2	<2	<2	<0.0008			
MW-27	09-Mar-05	<1	<2	<2	<2	<0.0008		9.29	5946.93
MW-27	13-Apr-05	<1	<2	<2	<2	<0.0008		8.02	5948.20
MW-27	11-May-05	<1	<2	<2	<2	<0.0008		5.56	5950.66
MW-27	09-Jun-05	<1	<2	<2	<2	<0.0008		4.67	5951.55
MW-27	13-Jul-05	<1	<2	<2	<2	<0.0008		13.33	5942.89
MW-27	10-Aug-05	<1	<2	<2	<2	<0.0008		8.39	5947.83
MW-27	12-Sep-05	<1	<2	<2	<2	<0.0008		9.87	5946.35
MW-27	11-Oct-05	<1	<2	<2	<2	<0.0008			
MW-27	09-Nov-05	<1	<2	<2	<2	0.00086			
MW-27	08-Dec-05	<1	<2	<2	<2	<0.0008		8.23	5947.99
MW-27	12-Jan-06	<1	<2	<2	<2	<0.0008		9.06	5947.16
MW-27	15-Feb-06	<1	<2	<2	<2	<0.0008		9.57	5946.65
MW-27	16-Mar-06	<1	<2	<2	<2	<0.0008		7.91	5948.31
MW-27	11-Apr-06	<1	<2	<2	<2	0.00083		6.45	5949.77
MW-27	11-May-06	<1	<2	<2	<2	<0.0008		4.15	5952.07
MW-27	13-Jun-06	<1	<2	<2	<2	<0.0008			
MW-27	06-Sep-06	<1	<2	<2	<2	<0.0008		11.04	5945.18
MW-27	06-Dec-06	<1	<2	<2	<2	<0.0008		8.82	5947.40
MW-27	13-Mar-07	<1	<2	<2	<2	<0.0008		5.90	5950.32
MW-27	22-Jun-07	<1	<2	<2	<2	<0.0008			
MW-27	10-Sep-07	<1	<2	<2	<2	<0.0008		11.21	5945.01
MW-27	18-Dec-07	<1	<2	<2	<2	<0.0008		10.95	5945.27
MW-27	04-Mar-08	<1	<2	<2	<2	<0.0008		9.75	5946.47
MW-27	17-Jun-08	<1	<2	<2	<2	<0.0008		5.47	5950.75
MW-27	29-Sep-08	<1	<2	<2	<2	<0.0008	<0.0008	11.35	5944.87
MW-27	09-Dec-08	<1	<2	<2	<2	<0.0008	<0.0008	5.75	5950.47
MW-27	16-Mar-09	<1	<2	<2	<2	<0.0008		8.21	5948.01
MW-27	15-Jun-09	<1	<2	<2	<2	<0.0008		3.85	5952.37
MW-27	16-Sep-09	<1	<2	<2	<2	0.0015		11.42	5944.80
EP-01	08-Apr-04	<1	<2	<2	<2	0.015			
E2	16-Sep-04	<1	<2	<2	<2	0.16			
E2	20-Apr-05	<1	<2	<2	<2	0.0015			
E2	18-May-05	<1	<2	<2	<2	0.0035			

Appendix B

Summary of Historical Groundwater Analytical Results and Groundwater Elevations
EnCana, West Divide Creek Seep
Garfield County, Colorado

Sample ID	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylene (ug/L)	Methane (mg/L)	Estimated Thermogenic Methane (mg/L)	DTW (ft)	Groundwater Elevation (ft-msl)
E2	09-Jun-05	< 1	< 2	< 2	< 2	0.43			
E2-D	09-Jun-05	< 1	< 2	< 2	< 2	0.51			
E2-S	09-Jun-05	< 0.5	< 5	< 0.5	< 1.5	0.13			
E2	13-Jul-05	< 1	< 2	< 2	< 2	0.41			
E2	10-Aug-05	< 1	< 2	< 2	< 2	0.23			
E2	08-Sep-05	< 1	< 2	< 2	< 2	0.11			
E2	06-Oct-05	< 1	< 2	< 2	< 2	0.12			
E2	03-Nov-05	< 1	< 2	< 2	< 2	0.095			
E2	12-Dec-05	< 1	< 2	< 2	< 2	0.0012			
E2	10-Jan-06	< 1	< 2	< 2	< 2	0.037			
E2	15-Feb-06	< 1	< 2	< 2	< 2	0.027			
E2	16-Mar-06	< 1	< 2	< 2	< 2	0.13			
E2	11-Apr-06	< 1	< 2	< 2	< 2	0.16			
E2	03-May-06	< 1	< 2	< 2	< 2	0.14			
E2	06-Jun-06	< 1	< 2	< 2	< 2	0.059			
E2	21-Jul-06	< 1	< 2	< 2	< 2	0.16			
E2	28-Jul-06	< 1	< 2	< 2	< 2	0.068			
E2	04-Aug-06	< 1	< 2	< 2	< 2	0.085			
E2	11-Aug-06	< 1	< 2	< 2	< 2	0.051			
E2	16-Aug-06	< 1	< 2	< 2	< 2	0.064			
E2	24-Aug-06	< 1	< 2	< 2	< 2	0.05			
E2	31-Aug-06	< 1	< 2	< 2	< 2	0.041			
E2	06-Sep-06	< 1	< 2	< 2	< 2	0.038			
E2	13-Sep-06	< 1	< 2	< 2	< 2	0.03			
E2	21-Sep-06	< 1	< 2	< 2	< 2	0.052			
E2	27-Sep-06	< 1	< 2	< 2	< 2	0.018			
E2	06-Oct-06	< 1	< 2	< 2	< 2	0.013			
E2	12-Oct-06	< 1	< 2	< 2	< 2	0.028			
E2	19-Oct-06	< 1	< 2	< 2	< 2	0.016			
E2	25-Oct-06	< 1	< 2	< 2	< 2	0.0061			
E2-D	25-Oct-06	< 1	< 2	< 2	< 2	0.0098			
E2-S	25-Oct-06	< 0.25	< 0.25	< 0.25	< 0.5	0.00274			
E2	01-Nov-06	< 1	< 2	< 2	< 2	0.0076			
E2	17-Nov-06	< 1	< 2	< 2	< 2	0.0025			
E2	06-Dec-06	< 1	< 2	< 2	< 2	0.0067			
E2	03-Jan-07	< 1	< 2	< 2	< 2	0.0075			
E2	17-Jan-07	< 1	< 2	< 2	< 2	0.0095			
E2	05-Feb-07	< 1	< 2	< 2	< 2	0.011			
E2	22-Feb-07	< 1	< 2	< 2	< 2	0.024			
E2	07-Mar-07	< 1	< 2	< 2	< 2	0.02			
E2	13-Mar-07	< 1	< 2	< 2	< 2	0.018			
E2	26-Mar-07	< 1	< 2	< 2	< 2	0.032			
E2	11-Apr-07	< 1	< 2	< 2	< 2	0.049			
E2	25-Apr-07	< 0.5	< 5	< 0.5	NS	0.055			
E2	08-May-07	< 0.5	< 5	< 0.5	NS	0.054			
E2	30-May-07	< 1	< 2	< 2	< 2	0.012			
E2	13-Jun-07	< 1	< 2	< 2	< 2	0.0095			
E2	22-Jun-07	< 1	< 2	< 2	< 2	0.0096			
E2	05-Jul-07	< 1	< 2	< 2	< 2	0.017			
E2	20-Jul-07	< 1	< 2	< 2	< 2	0.047			
E2	02-Aug-07	< 1	< 2	< 2	< 2	0.082			
E2	15-Aug-07	< 1	< 2	< 2	< 2	0.1			
E2	10-Sep-07	< 1	< 2	< 2	< 2	0.043			
E2	24-Sep-07	< 1	< 2	< 2	< 2	0.11			
E2	09-Oct-07	< 1	< 2	< 2	< 2	< 0.0008			
E2	24-Oct-07	< 0.5	< 5	< 0.5	< 2	< 0.0008			
EDC-1	02-Nov-07	< 1	< 2	< 2	< 2	0.0041			
EDC-2	02-Nov-07	< 0.5	< 5	< 0.5	NS	0.0089			

Appendix B

Summary of Historical Groundwater Analytical Results and Groundwater Elevations
EnCana, West Divide Creek Seep
Garfield County, Colorado

Sample ID	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylene (ug/L)	Methane (mg/L)	Estimated Thermogenic Methane (mg/L)	DTW (ft)	Groundwater Elevation (ft-msl)
E2	07-Nov-07	< 0.5	< 5	< 0.5	< 2	< 0.0008			
E2	20-Nov-07	< 1	< 2	< 2	< 2	< 0.0008			
E2	04-Dec-07	< 1	< 2	< 2	< 2	< 0.0008			
E2	18-Dec-07	< 1	< 2	< 2	< 2	< 0.0008			
E2	03-Jan-08	< 1	< 2	< 2	< 2	0.012			
E2	04-Mar-08	< 1	< 2	< 2	< 2	0.0095			
EICH1	21-May-08	< 0.5	< 5	< 0.5	< 1.5	< 0.01			
ECH2WW	29-Sep-08	< 1	< 2	< 2	< 2	< 0.0008			
EICH1	01-Dec-08	< 0.5	< 5	< 0.5	< 1.5	< 0.010			
EICH2	16-Mar-09	< 1	< 2	< 2	< 2	< 0.0008			
EICH2	15-Jun-09	< 1	< 2	< 2	< 2	0.087			
EICH2WW	16-Sep-09	< 1	< 2	< 2	< 2	0.1			
LANGWW	17-Sep-09	< 1	< 2	< 2	< 2	< 0.0008			
Bold - indicates value exceeds state standard				DTW - depth to water below measuring point					
mg/l - milligrams/liter				ft - feet				ft-msl - feet above mean sea level	
ug/l - micrograms/liter				Blank cell - indicates not analyzed or not obtained					
Total number of all groundwater samples over all dates = 1074									

APPENDIX C

Historical Surface-Water Results

Appendix C

Summary of Historical Surface-Water Analytical Results
EnCana, West Divide Creek Seep
Garfield County, Colorado

Location ID	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylene (ug/L)	Total Dissolved Methane (mg/L)	Estimated Thermogenic Methane (mg/L)
Colorado RBSLs (ug/L)		5	1000	680	10,000		
DCS-1	13-Apr-04	<1	<2	<2	<2	0.0055	
DCS-1	14-Apr-04	<1	<2	<2	<2	0.0039	
DCS-1	15-Apr-04	<1	<2	<2	<2	0.0077	
DCS-1	16-Apr-04	<1	<2	<2	<2	0.011	
DCS-1	17-Apr-04	<1	<2	<2	<2	0.015	
DCS-1	18-Apr-04	<1	<2	<2	<2	0.018	
DCS-1	19-Apr-04	<1	<2	<2	<2	0.0031	
DCS-1	26-Apr-04	<1	<2	<2	<2	0.003	
DCS-1	29-Apr-04	<1	<2	<2	<2	0.0015	
DCS-1	03-May-04	<1	<2	<2	<2	0.0011	
DCS-1	02-Jun-04	<1	<2	<2	<2	0.0013	
DCS-1	08-Jul-04	<1	<2	<2	<2	0.0016	
DCS-1	03-Aug-04	<1	<2	<2	<2	0.0025	
DCS-1	14-Sep-04	<1	<2	<2	<2	0.0014	
DCS-1	12-Oct-04	<1	<2	<2	<2	0.02	
DCS-1	26-Oct-04	<1	<2	<2	<2	0.026	
DCS-1	27-Oct-04	<1	<2	<2	<2	0.021	
DCS-1	28-Oct-04	<1	<2	<2	<2	0.023	
DCS-1	29-Oct-04	<1	<2	<2	<2	0.027	
DCS-1	30-Oct-04	<1	<2	<2	<2	0.026	
DCS-1	31-Oct-04	<1	<2	<2	<2	0.028	
DCS-1	01-Nov-04	<1	<2	<2	<2	0.027	
DCS-1	02-Nov-04	<1	<2	<2	<2	0.05	
DCS-1	03-Nov-04	<1	<2	<2	<2	0.029	
DCS-1	04-Nov-04	<1	<2	<2	<2	0.042	
DCS-1	05-Nov-04	<1	<2	<2	<2	0.035	
DCS-1	06-Nov-04	<1	<2	<2	<2	0.037	
DCS-1	07-Nov-04	<1	<2	<2	<2	0.032	
DCS-1	08-Nov-04	<1	<2	<2	<2	0.018	
DCS-1	09-Nov-04	<1	<2	<2	<2	0.022	
DCS-1	10-Nov-04	<1	<2	<2	<2	0.024	
DCS-1	11-Nov-04	<1	<2	<2	<2	0.026	
DCS-1	12-Nov-04	<1	<2	<2	<2	0.028	
DCS-1	19-Nov-04	<1	<2	<2	<2	0.033	
DCS-1	23-Nov-04	<1	<2	<2	<2	0.057	
DCS-1	02-Dec-04	<1	<2	<2	<2	0.086	
DCS-1	09-Dec-04	<1	<2	<2	<2	0.002	
DCS-1	15-Dec-04	<1	<2	<2	<2	0.0019	
DCS-1	20-Dec-04	<1	<2	<2	<2	0.002	
DCS-1	23-Dec-04	<1	<2	<2	<2	0.0013	
DCS-1	06-Jan-05	<1	<2	<2	<2	0.0015	
DCS-1	10-Jan-05	<1	<2	<2	<2	0.0022	

Appendix C

Summary of Historical Surface-Water Analytical Results

EnCana, West Divide Creek Seep

Garfield County, Colorado

Location ID	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylene (ug/L)	Total Dissolved Methane (mg/L)	Estimated Thermogenic Methane (mg/L)
Colorado RBSLs (ug/L)		5	1000	680	10,000		
DCS-1	10-Jan-05	<1	<2	<2	<2	0.0023	
DCS-1	10-Jan-05	<0.5	<5	<0.5	NA	<0.01	
DCS-1	20-Jan-05	<1	<2	<2	<2	0.0013	
DCS-1	26-Jan-05	<1	<2	<2	<2	0.00095	
DCS-1	04-Feb-05	<1	<2	<2	<2	0.0013	
DCS-1	07-Feb-05	<1	<2	<2	<2	0.0013	
DCS-1	16-Feb-05	<1	<2	<2	<2	0.0013	
DCS-1	24-Feb-05	<1	<2	<2	<2	0.0011	
DCS-1	03-Mar-05	<1	<2	<2	<2	0.0013	
DCS-1	07-Mar-05	<1	<2	<2	<2	0.0014	
DCS-1	07-Mar-05	<1	<2	<2	<2	0.0014	
DCS-1	07-Mar-05	<0.5	<5	<0.5	NA	<0.01	
DCS-1	18-Mar-05	<1	<2	<2	<2	0.0011	
DCS-1	23-Mar-05	<1	<2	<2	<2	0.0063	
DCS-1	29-Mar-05	<1	<2	<2	<2	<0.0008	
DCS-1	07-Apr-05	<1	<2	<2	<2	0.0062	
DCS-1	11-Apr-05	<1	<2	<2	<2	0.01	
DCS-1	20-Apr-05	<1	<2	<2	<2	<0.0008	
DCS-1	27-Apr-05	<1	<2	<2	<2	<0.0008	
DCS-1	05-May-05	<1	<2	<2	<2	<0.0008	
DCS-1	09-May-05	<1	<2	<2	<2	<0.0008	
DCS-1	18-May-05	<1	<2	<2	<2	<0.0008	
DCS-1	25-May-05	<1	<2	<2	<2	<0.0008	
DCS-1	02-Jun-05	<1	<2	<2	<2	0.0018	
DCS-1	08-Jun-05	<1	<2	<2	<2	0.0019	
DCS-1	15-Jun-05	<1	<2	<2	<2	0.0026	
DCS-1	21-Jun-05	<1	<2	<2	<2	0.0011	
DCS-1	30-Jun-05	<1	<2	<2	<2	0.0012	
DCS-1	07-Jul-05	<1	<2	<2	<2	0.0013	
DCS-1	11-Jul-05	<1	<2	<2	<2	0.0013	
DCS-1	21-Jul-05	<1	<2	<2	<2	0.0018	
DCS-1	27-Jul-05	<1	<2	<2	<2	0.0011	
DCS-1	03-Aug-05	<1	<2	<2	<2	0.0014	
DCS-1	08-Aug-05	<1	<2	<2	<2	0.0014	
DCS-1	16-Aug-05	<1	<2	<2	<2	0.0022	
DCS-1	24-Aug-05	<1	<2	<2	<2	0.0015	
DCS-1	02-Sep-05	<1	<2	<2	<2	0.0017	
DCS-1	09-Sep-05	<1	<2	<2	<2	0.0021	
DCS-1	13-Sep-05	<1	<2	<2	<2	0.0014	
DCS-1	22-Sep-05	<1	<2	<2	<2	<0.0008	
DCS-1	29-Sep-05	<1	<2	<2	<2	<0.0008	
DCS-1	06-Oct-05	<1	<2	<2	<2	0.006	

Appendix C

Summary of Historical Surface-Water Analytical Results
EnCana, West Divide Creek Seep
Garfield County, Colorado

Location ID	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylene (ug/L)	Total Dissolved Methane (mg/L)	Estimated Thermogenic Methane (mg/L)
Colorado RBSLs (ug/L)		5	1000	680	10,000		
DCS-1	10-Oct-05	<1	<2	<2	<2	0.0015	
DCS-1	20-Oct-05	<1	<2	<2	<2	0.0063	
DCS-1	27-Oct-05	<1	<2	<2	<2	0.0061	
DCS-1	03-Nov-05	<1	<2	<2	<2	0.0012	
DCS-1	07-Nov-05	<1	<2	<2	<2	0.0012	
DCS-1	17-Nov-05	<1	<2	<2	<2	0.0011	
DCS-1	22-Nov-05	<1	<2	<2	<2	0.0017	
DCS-1	29-Nov-05	<1	<2	<2	<2	0.0016	
DCS-1	06-Dec-05	<1	<2	<2	<2	0.0013	
DCS-1	14-Dec-05	<1	<2	<2	<2	0.0014	
DCS-1	21-Dec-05	<1	<2	<2	<2	<0.0008	
DCS-1	29-Dec-05	<1	<2	<2	<2	<0.0008	
DCS-1	05-Jan-06	<1	<2	<2	<2	<0.0008	
DCS-1	09-Jan-06	<1	<2	<2	<2	<0.0008	
DCS-1	18-Jan-06	<1	<2	<2	<2	<0.0008	
DCS-1	24-Jan-06	<1	<2	<2	<2	0.0011	
DCS-1	01-Feb-06	<1	<2	<2	<2	0.00089	
DCS-1	09-Feb-06	<0.5	<1	<1	NA	0.003	
DCS-1	13-Feb-06	<0.5	<1	<1	NA	<0.0008	
DCS-1	22-Feb-06	<1	<2	<2	<2	0.00081	
DCS-1	01-Mar-06	<1	<2	<2	<2	<0.0008	
DCS-1	09-Mar-06	<1	<2	<2	<2	0.00084	
DCS-1	14-Mar-06	<1	<2	<2	<2	<0.0008	
DCS-1	22-Mar-06	<1	<2	<2	<2	0.0017	
DCS-1	30-Mar-06	<1	<2	<2	<2	<0.0008	
DCS-1	05-Apr-06	<1	<2	<2	<2	<0.0008	
DCS-1	10-Apr-06	<1	<2	<2	<2	<0.0008	
DCS-1	20-Apr-06	<1	<2	<2	<2	<0.0008	
DCS-1	27-Apr-06	<1	<2	<2	<2	<0.0008	
DCS-1	04-May-06	<1	<2	<2	<2	<0.0008	
DCS-1	09-May-06	<1	<2	<2	<2	<0.0008	
DCS-1	13-Jun-06	<1	<2	<2	<2	0.0016	
DCS-1	05-Sep-06	<1	<5	<2	<2	0.0019	
DCS-1	04-Dec-06	<1	<5	<2	<2	0.0015	
DCS-1	04-Dec-06	<0.25	<0.25	<0.25	NA	0.0005	
DCS-1	12-Mar-07	<1	<5	<2	<2	<0.0008	
DCS-1	21-Jun-07	<1	<2	<2	<2	<0.0008	
DCS-1	13-Sep-07	<1	<2	<2	<2	0.0018	
DCS-1	17-Dec-07	<1	<2	<2	<2	0.0015	
DCS-1	03-Mar-08	<1	<2	<2	<2	<0.0008	
DCS-1	18-Jun-08	<1	<2	<2	<2	0.0012	
DCS-1	29-Sep-08	<1	<2	<2	<2	0.0019	

Appendix C

Summary of Historical Surface-Water Analytical Results
EnCana, West Divide Creek Seep
Garfield County, Colorado

Location ID	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylene (ug/L)	Total Dissolved Methane (mg/L)	Estimated Thermogenic Methane (mg/L)
Colorado RBSLs (ug/L)		5	1000	680	10,000		
DCS-1	10-Dec-08	<1	<2	<2	<2	<0.0008	
DCS-1	17-Mar-09	<1	<2	<2	<2	<0.0008	
DCS-1	17-Mar-09	<1	<2	<2	<2	<0.0008	
DCS-1	17-Mar-09	<1	<1	<1	<1	<0.001	
DCS-1	16-Jun-09	<1	<2	<2	<2	0.0015	
DCS-1	17-Sep-09	<1	<2	<2	<2	0.0015	
DCS-2	13-Apr-04	1.4	<2	<2	<2	0.1	
DCS-2	14-Apr-04	1.1	<2	<2	<2	0.11	
DCS-2	15-Apr-04	1.6	<2	<2	<2	0.12	
DCS-2	16-Apr-04	3.5	2.6	<2	<2	0.24	
DCS-2	17-Apr-04	3.5	2.6	<2	<2	0.28	
DCS-2	18-Apr-04	2.9	2.1	<2	<2	0.19	
DCS-2	19-Apr-04	<1	<2	<2	<2	0.034	
DCS-2	26-Apr-04	<1	<2	<2	<2	0.027	
DCS-2	29-Apr-04	<1	<2	<2	<2	0.0025	
DCS-2	03-May-04	<1	<2	<2	<2	0.007	
DCS-2	02-Jun-04	<1	<2	<2	<2	0.0027	
DCS-2	09-Jun-04	<1	<2	<2	<2	0.0028	
DCS-2	17-Jun-04	<1	<2	<2	<2	0.0023	
DCS-2	24-Jun-04	<1	<2	<2	<2	0.015	
DCS-2	30-Jun-04	<1	<2	<2	<2	0.0052	
DCS-2	08-Jul-04	<1	<2	<2	<2	0.0064	
DCS-2	15-Jul-04	<1	<2	<2	<2	0.0065	
DCS-2	22-Jul-04	<1	<2	<2	<2	0.0077	
DCS-2	29-Jul-04	<1	<2	<2	<2	0.0074	
DCS-2	03-Aug-04	<1	<2	<2	<2	0.011	
DCS-2	11-Aug-04	<1	<2	<2	<2	0.014	
DCS-2	17-Aug-04	1.9	<2	<2	<2	0.012	
DCS-2	14-Sep-04	<1	<2	<2	<2	0.013	
DCS-2	12-Oct-04	4.3	<2	<2	<2	0.36	
DCS-2	12-Oct-04	4.1	<2	<2	<2	0.36	
DCS-2	12-Oct-04	3.6	<2	<2	NA	0.18	
DCS-2	26-Oct-04	2.9	<2	<2	<2	0.29	
DCS-2	27-Oct-04	2.2	<2	<2	<2	0.18	
DCS-2	28-Oct-04	2.5	<2	<2	<2	0.28	
DCS-2	29-Oct-04	2.4	<2	<2	<2	0.25	
DCS-2	30-Oct-04	3.2	<2	<2	<2	0.28	
DCS-2	31-Oct-04	1.3	<2	<2	<2	0.18	
DCS-2	01-Nov-04	3.5	<2	<2	<2	0.33	
DCS-2	02-Nov-04	4.1	<2	<2	<2	0.59	
DCS-2	03-Nov-04	3.3	<2	<2	<2	0.32	

Appendix C

Summary of Historical Surface-Water Analytical Results
EnCana, West Divide Creek Seep
Garfield County, Colorado

Location ID	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylene (ug/L)	Total Dissolved Methane (mg/L)	Estimated Thermogenic Methane (mg/L)
Colorado RBSLs (ug/L)		5	1000	680	10,000		
DCS-2	04-Nov-04	4.4	<2	<2	<2	0.61	
DCS-2	05-Nov-04	5.9	<2	<2	<2	0.56	
DCS-2	06-Nov-04	4.4	<2	<2	<2	0.46	
DCS-2	07-Nov-04	4.2	<2	<2	<2	0.44	
DCS-2	08-Nov-04	3	<2	<2	<2	0.18	
DCS-2	09-Nov-04	3.7	<2	<2	<2	0.29	
DCS-2	10-Nov-04	4.5	<2	<2	<2	0.37	
DCS-2	11-Nov-04	3.3	<2	<2	<2	0.28	
DCS-2	12-Nov-04	<1	<2	<2	<2	0.3	
DCS-2	19-Nov-04	2.8	<2	<2	<2	0.3	
DCS-2	23-Nov-04	5.1	<2	<2	<2	0.57	
DCS-2	02-Dec-04	2.4	<2	<2	<2	0.42	
DCS-2	09-Dec-04	<1	<2	<2	<2	0.059	
DCS-2	15-Dec-04	<1	<2	<2	<2	0.035	
DCS-2	20-Dec-04	360	130	16	NA	12	
DCS-2	23-Dec-04	<1	<2	<2	<2	0.018	
DCS-2	06-Jan-05	<1	<2	<2	<2	0.0055	
DCS-2	10-Jan-05	<1	<2	<2	<2	0.041	
DCS-2	20-Jan-05	<1	<2	<2	<2	0.0031	
DCS-2	26-Jan-05	<1	<2	<2	<2	0.0035	
DCS-2	04-Feb-05	<1	<2	<2	<2	0.0038	
DCS-2	07-Feb-05	<1	<2	<2	<2	0.0035	
DCS-2	16-Feb-05	<1	<2	<2	<2	0.0045	0.003
DCS-2	24-Feb-05	<1	<2	<2	<2	0.0038	
DCS-2	03-Mar-05	<1	<2	<2	<2	0.003	
DCS-2	07-Mar-05	<1	<2	<2	<2	0.0048	
DCS-2	18-Mar-05	<1	<2	<2	<2	0.0035	
DCS-2	23-Mar-05	<1	<2	<2	<2	0.056	
DCS-2	29-Mar-05	<1	<2	<2	<2	0.0019	
DCS-2	07-Apr-05	1	<2	<2	<2	0.064	
DCS-2	11-Apr-05	2	<2	<2	<2	0.11	
DCS-2	20-Apr-05	<1	<2	<2	<2	<0.0008	
DCS-2	27-Apr-05	<1	<2	<2	<2	0.00088	
DCS-2	05-May-05	<1	<2	<2	<2	<0.0008	
DCS-2	09-May-05	<1	<2	<2	<2	0.0084	
DCS-2	09-May-05	<1	<2	<2	<2	0.0098	
DCS-2	18-May-05	<1	<2	<2	<2	0.001	
DCS-2	25-May-05	<1	<2	<2	<2	0.0018	
DCS-2	02-Jun-05	<1	<2	<2	<2	0.0023	
DCS-2	08-Jun-05	<1	<2	<2	<2	0.003	
DCS-2	15-Jun-05	<1	<2	<2	<2	0.0027	
DCS-2	21-Jun-05	<1	<2	<2	<2	0.0013	

Appendix C

Summary of Historical Surface-Water Analytical Results
EnCana, West Divide Creek Seep
Garfield County, Colorado

Location ID	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylene (ug/L)	Total Dissolved Methane (mg/L)	Estimated Thermogenic Methane (mg/L)
Colorado RBSLs (ug/L)		5	1000	680	10,000		
DCS-2	30-Jun-05	<1	<2	<2	<2	0.0015	
DCS-2	07-Jul-05	<1	<2	<2	<2	0.0023	
DCS-2	11-Jul-05	<1	<2	<2	<2	0.0021	
DCS-2	21-Jul-05	<1	<2	<2	<2	0.0036	
DCS-2	27-Jul-05	<1	<2	<2	<2	0.0023	
DCS-2	08-Aug-05	<1	<2	<2	<2	0.0052	
DCS-2	16-Aug-05	<1	<2	<2	<2	0.006	
DCS-2	24-Aug-05	<1	<2	<2	<2	0.0044	
DCS-2	02-Sep-05	<1	<2	<2	<2	0.01	
DCS-2	09-Sep-05	<1	<2	<2	<2	0.014	
DCS-2	13-Sep-05	<1	<2	<2	<2	0.0063	
DCS-2	22-Sep-05	<1	<2	<2	<2	0.0012	
DCS-2	29-Sep-05	<1	<2	<2	<2	0.0014	
DCS-2	06-Oct-05	<1	<2	<2	<2	0.048	
DCS-2	10-Oct-05	<1	<2	<2	<2	0.012	
DCS-2	20-Oct-05	<1	<2	<2	<2	0.043	
DCS-2	27-Oct-05	<1	<2	<2	<2	0.051	
DCS-2	07-Nov-05	<1	<2	<2	<2	0.0022	
DCS-2	17-Nov-05	<1	<2	<2	<2	0.0038	
DCS-2	22-Nov-05	<1	<2	<2	<2	0.0096	
DCS-2	29-Nov-05	<1	<2	<2	<2	0.015	
DCS-2	06-Dec-05	<1	<2	<2	<2	0.005	
DCS-2	14-Dec-05	<1	<2	<2	<2	0.065	
DCS-2	21-Dec-05	<1	<2	<2	<2	0.0062	
DCS-2	29-Dec-05	<1	<2	<2	<2	0.0052	
DCS-2	05-Jan-06	<1	<2	<2	<2	0.0046	
DCS-2	09-Jan-06	<1	<2	<2	<2	0.0035	
DCS-2	18-Jan-06	<1	<2	<2	<2	0.01	
DCS-2	24-Jan-06	<1	<2	<2	<2	0.0098	
DCS-2	01-Feb-06	<1	<2	<2	<2	0.0049	
DCS-2	09-Feb-06	<0.5	<1	<1	<1	0.028	
DCS-2	13-Feb-06	<0.5	<1	<1	<1	-999.9	
DCS-2	22-Feb-06	<1	<2	<2	<2	0.0039	
DCS-2	01-Mar-06	<1	<2	<2	<2	<0.0008	
DCS-2	09-Mar-06	<1	<2	<2	<2	0.0021	
DCS-2	14-Mar-06	<1	<2	<2	<2	0.0014	
DCS-2	22-Mar-06	<1	<2	<2	<2	0.0052	
DCS-2	30-Mar-06	<1	<2	<2	<2	0.0012	
DCS-2	05-Apr-06	<1	<2	<2	<2	<0.0008	
DCS-2	10-Apr-06	<0.25	<0.25	<0.25	<0.25	0.00061	
DCS-2	10-Apr-06	<1	<2	<2	<2	<0.0008	
DCS-2	20-Apr-06	<1	<2	<2	<2	<0.0008	

Appendix C

Summary of Historical Surface-Water Analytical Results
EnCana, West Divide Creek Seep
Garfield County, Colorado

Location ID	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylene (ug/L)	Total Dissolved Methane (mg/L)	Estimated Thermogenic Methane (mg/L)
Colorado RBSLs (ug/L)		5	1000	680	10,000		
DCS-2	27-Apr-06	<1	<2	<2	<2	<0.0008	
DCS-2	04-May-06	<1	<2	<2	<2	<0.0008	
DCS-2	09-May-06	<1	<2	<2	<2	<0.0008	
DCS-2	13-Jun-06	<1	<2	<2	<2	0.019	
DCS-2	05-Sep-06	<1	<5	<2	<2	0.0054	0.000
DCS-2	05-Sep-06	<0.25	<0.25	<0.25	<0.25	0.00269	
DCS-2	04-Dec-06	<1	<5	<2	<2	0.014	0.007
DCS-2	12-Mar-07	<1	<5	<2	<2	0.0735	
DCS-2	12-Mar-07	<1	<5	<2	<2	0.072	0.042
DCS-2	12-Mar-07	<1	<5	<2	<2	0.11	
DCS-2	21-Jun-07	<1	<2	<2	<2	0.0019	
DCS-2	21-Jun-07	<0.25	<0.25	<0.25	<0.25	0.991	
DCS-2	13-Sep-07	<1	<2	<2	<2	0.02	
DCS-2	17-Dec-07	<1	<2	<2	<2	0.0018	
DCS-2	03-Mar-08	<1	<2	<2	<2	0.00096	
DCS-2	03-Mar-08	<1	<2	<2	<2	0.0011	0.000
DCS-2	03-Mar-08	<0.5	<0.5	<0.5	<0.5	0.000488	
DCS-2	18-Jun-08	<1	<2	<2	<2	0.0013	<0.0013
DCS-2	29-Sep-08	<1	<2	<2	<2	0.0059	<0.0059
DCS-2	10-Dec-08	<1	<2	<2	<2	0.0022	<0.0008
DCS-2	17-Mar-09	<1	<2	<2	<2	<0.0008	<0.0008
DCS-2	16-Jun-09	<1	<2	<2	<2	0.0017	<0.0008
DCS-2	17-Sep-09	<1	<2	<2	<2	0.0029	<0.0008
DCS-3	03-Nov-05	<1	<2	<2	<2	0.0035	
DCS-3	13-Apr-04	3.1	2.6	<2	<2	0.22	
DCS-3	14-Apr-04	2.3	<2	<2	<2	0.15	
DCS-3	15-Apr-04	6.6	5.2	<2	<2	0.35	
DCS-3	16-Apr-04	5.7	4.2	<2	<2	0.38	
DCS-3	16-Apr-04	5.8	4.2	<2	<2	0.33	
DCS-3	17-Apr-04	9.1	7	<2	<2	0.46	
DCS-3	18-Apr-04	6.4	4.7	<2	<2	0.4	
DCS-3	19-Apr-04	1.4	<2	<2	<2	0.098	
DCS-3	26-Apr-04	<1	<2	<2	<2	0.081	
DCS-3	29-Apr-04	<1	<2	<2	<2	0.018	
DCS-3	03-May-04	<1	<2	<2	<2	0.027	
DCS-3	26-May-04	<1	<2	<2	<2	0.023	
DCS-3	02-Jun-04	<1	<2	<2	<2	0.014	
DCS-3	09-Jun-04	<1	<2	<2	<2	0.019	
DCS-3	17-Jun-04	<1	<2	<2	<2	0.013	
DCS-3	24-Jun-04	<1	<2	<2	<2	0.0029	
DCS-3	30-Jun-04	<1	<2	<2	<2	0.02	

Appendix C

Summary of Historical Surface-Water Analytical Results
EnCana, West Divide Creek Seep
Garfield County, Colorado

Location ID	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylene (ug/L)	Total Dissolved Methane (mg/L)	Estimated Thermogenic Methane (mg/L)
Colorado RBSLs (ug/L)		5	1000	680	10,000		
DCS-3	08-Jul-04	<1	<2	<2	<2	0.033	
DCS-3	15-Jul-04	<1	<2	<2	<2	0.041	
DCS-3	22-Jul-04	<1	<2	<2	<2	0.048	
DCS-3	29-Jul-04	<1	<2	<2	<2	0.046	
DCS-3	03-Aug-04	<1	<2	<2	<2	0.066	
DCS-3	11-Aug-04	<1	<2	<2	<2	0.072	
DCS-3	17-Aug-04	<1	<2	<2	<2	0.083	
DCS-3	14-Sep-04	<1	<2	<2	<2	0.084	0.049
DCS-3	12-Oct-04	6.2	<2	<2	<2	0.67	
DCS-3	26-Oct-04	5.8	<2	<2	<2	0.64	
DCS-3	27-Oct-04	5.3	<2	<2	<2	0.56	
DCS-3	28-Oct-04	4.4	<2	<2	<2	0.48	
DCS-3	29-Oct-04	4.3	<2	<2	<2	0.43	
DCS-3	30-Oct-04	<1	<2	<2	<2	0.59	
DCS-3	31-Oct-04	6.3	<2	<2	<2	0.58	
DCS-3	01-Nov-04	5.5	<2	<2	<2	0.62	
DCS-3	02-Nov-04	6.5	<2	<2	<2	1.2	
DCS-3	03-Nov-04	5.7	<2	<2	<2	0.53	
DCS-3	04-Nov-04	5.4	<2	<2	<2	0.74	
DCS-3	05-Nov-04	9.7	<2	<2	<2	0.86	
DCS-3	06-Nov-04	4.9	<2	<2	<2	0.71	
DCS-3	07-Nov-04	3.9	<2	<2	<2	0.6	
DCS-3	08-Nov-04	5.1	<2	<2	<2	0.39	
DCS-3	09-Nov-04	5.7	<2	<2	<2	0.58	
DCS-3	10-Nov-04	5.4	<2	<2	<2	0.57	
DCS-3	11-Nov-04	7.1	<2	<2	<2	0.63	
DCS-3	12-Nov-04	1.2	<2	<2	<2	0.77	
DCS-3	19-Nov-04	5.9	<2	<2	<2	0.74	
DCS-3	23-Nov-04	9.2	<2	<2	<2	0.98	
DCS-3	02-Dec-04	12	<2	<2	<2	1.5	
DCS-3	09-Dec-04	<0.5	<5	<0.5	NA	0.058	
DCS-3	09-Dec-04	<1	<2	<2	<2	0.079	
DCS-3	09-Dec-04	<1	<2	<2	<2	0.077	
DCS-3	15-Dec-04	<1	<2	<2	<2	0.006	
DCS-3	20-Dec-04	<1	<2	<2	<2	0.0052	
DCS-3	23-Dec-04	<1	<2	<2	<2	0.03	
DCS-3	06-Jan-05	<1	<2	<2	<2	0.039	
DCS-3	10-Jan-05	<1	<2	<2	<2	0.088	0.045
DCS-3	20-Jan-05	<1	<2	<2	<2	0.022	
DCS-3	26-Jan-05	<1	<2	<2	<2	0.018	
DCS-3	04-Feb-05	<1	<2	<2	<2	0.025	
DCS-3	07-Feb-05	<1	<2	<2	<2	0.02	

Appendix C

Summary of Historical Surface-Water Analytical Results
EnCana, West Divide Creek Seep
Garfield County, Colorado

Location ID	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylene (ug/L)	Total Dissolved Methane (mg/L)	Estimated Thermogenic Methane (mg/L)
Colorado RBSLs (ug/L)		5	1000	680	10,000		
DCS-3	16-Feb-05	<1	<2	<2	<2	0.025	0.020
DCS-3	24-Feb-05	<1	<2	<2	<2	0.016	
DCS-3	03-Mar-05	<1	<2	<2	<2	0.014	
DCS-3	07-Mar-05	<1	<2	<2	<2	0.025	
DCS-3	18-Mar-05	<1	<2	<2	<2	0.023	
DCS-3	23-Mar-05	2.1	<2	<2	<2	0.13	
DCS-3	29-Mar-05	<1	<2	<2	<2	0.0089	
DCS-3	07-Apr-05	1.9	<2	<2	<2	0.17	
DCS-3	11-Apr-05	3.5	<2	<2	<2	0.29	
DCS-3	20-Apr-05	<1	<2	<2	<2	<0.0008	
DCS-3	27-Apr-05	<1	<2	<2	<2	0.0026	
DCS-3	05-May-05	<1	<2	<2	<2	0.0028	
DCS-3	09-May-05	<1	<2	<2	<2	0.015	0.002
DCS-3	18-May-05	<1	<2	<2	<2	0.00083	
DCS-3	25-May-05	<1	<2	<2	<2	0.00082	
DCS-3	02-Jun-05	<1	<2	<2	<2	0.0019	
DCS-3	08-Jun-05	<1	<2	<2	<2	0.0037	
DCS-3	08-Jun-05	<0.5	<5	<0.5	NA	<0.01	
DCS-3	08-Jun-05	<1	<2	<2	<2	0.0035	
DCS-3	15-Jun-05	<1	<2	<2	<2	0.0026	
DCS-3	21-Jun-05	<1	<2	<2	<2	0.0013	
DCS-3	30-Jun-05	<1	<2	<2	<2	0.0014	
DCS-3	07-Jul-05	<1	<2	<2	<2	0.0091	
DCS-3	11-Jul-05	<1	<2	<2	<2	0.0069	
DCS-3	11-Jul-05	<0.5	<5	0.53	NA	0.017	
DCS-3	11-Jul-05	<1	<2	<2	<2	0.006	
DCS-3	21-Jul-05	<1	<2	<2	<2	0.017	
DCS-3	27-Jul-05	<1	<2	<2	<2	0.0087	
DCS-3	03-Aug-05	<1	<2	<2	<2	0.016	
DCS-3	08-Aug-05	<1	<2	<2	<2	0.017	
DCS-3	16-Aug-05	<1	<2	<2	<2	0.017	
DCS-3	24-Aug-05	<1	<2	<2	<2	0.014	
DCS-3	02-Sep-05	<1	<2	<2	<2	0.026	
DCS-3	09-Sep-05	<1	<2	<2	<2	0.015	
DCS-3	13-Sep-05	<1	<2	<2	<2	0.017	0.012
DCS-3	22-Sep-05	<1	<2	<2	<2	0.0035	
DCS-3	29-Sep-05	<1	<2	<2	<2	0.003	
DCS-3	06-Oct-05	<1	<2	<2	<2	0.093	
DCS-3	10-Oct-05	<1	<2	<2	<2	0.015	
DCS-3	20-Oct-05	<1	<2	<2	<2	0.048	
DCS-3	27-Oct-05	<1	<2	<2	<2	0.068	
DCS-3	03-Nov-05	<1	<2	<2	<2	0.011	

Appendix C

Summary of Historical Surface-Water Analytical Results
EnCana, West Divide Creek Seep
Garfield County, Colorado

Location ID	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylene (ug/L)	Total Dissolved Methane (mg/L)	Estimated Thermogenic Methane (mg/L)
Colorado RBSLs (ug/L)		5	1000	680	10,000		
DCS-3	07-Nov-05	<1	<2	<2	<2	0.0069	
DCS-3	17-Nov-05	<1	<2	<2	<2	0.0084	
DCS-3	22-Nov-05	<1	<2	<2	<2	0.035	
DCS-3	29-Nov-05	<1	<2	<2	<2	0.048	
DCS-3	06-Dec-05	<1	<2	<2	<2	0.0024	
DCS-3	14-Dec-05	<1	<2	<2	<2	0.061	
DCS-3	21-Dec-05	<1	<2	<2	<2	0.014	
DCS-3	29-Dec-05	<1	<2	<2	<2	0.014	
DCS-3	05-Jan-06	<1	<2	<2	<2	0.011	
DCS-3	09-Jan-06	<1	<2	<2	<2	0.019	0.019
DCS-3	18-Jan-06	<1	<2	<2	<2	0.02	
DCS-3	24-Jan-06	<1	<2	<2	<2	0.04	
DCS-3	01-Feb-06	<1	<2	<2	<2	0.023	
DCS-3	09-Feb-06	<0.5	<1	<1	<1	<0.002	
DCS-3	13-Feb-06	<0.5	<1	<1	<1	0.028	
DCS-3	22-Feb-06	<1	<2	<2	<2	0.015	
DCS-3	01-Mar-06	<1	<2	<2	<2	0.0011	
DCS-3	09-Mar-06	<1	<2	<2	<2	0.0055	
DCS-3	14-Mar-06	<1	<2	<2	<2	0.0028	
DCS-3	22-Mar-06	<1	<2	<2	<2	0.01	
DCS-3	30-Mar-06	<1	<2	<2	<2	0.0011	
DCS-3	05-Apr-06	<1	<2	<2	<2	<0.0008	
DCS-3	10-Apr-06	<1	<2	<2	<2	<0.0008	
DCS-3	20-Apr-06	<1	<2	<2	<2	0.0005	
DCS-3	27-Apr-06	<1	<2	<2	<2	<0.0008	
DCS-3	04-May-06	<1	<2	<2	<2	<0.0008	
DCS-3	09-May-06	<1	<2	<2	<2	<0.0008	0.000
DCS-3	09-May-06	<0.5	<0.5	<0.5	<0.5	0.000849	
DCS-3	09-May-06	<1	<2	<2	<2	<0.0008	
DCS-3	13-Jun-06	<1	<2	<2	<2	0.005	
DCS-3	05-Sep-06	<1	<5	<2	<2	0.015	0.009
DCS-3	04-Dec-06	<1	<5	<2	<2	0.0061	0.000
DCS-3	12-Mar-07	<1	<5	<2	<2	0.0081	0.000
DCS-3	21-Jun-07	<1	<2	<2	<2	0.00082	
DCS-3	13-Sep-07	<1	<2	<2	<2	0.0025	
DCS-3	17-Dec-07	<0.5	<5	<0.5	<2	0.00371	
DCS-3	17-Dec-07	<1	<2	<2	<2	0.0032	
DCS-3	03-Mar-08	<1	<2	<2	<2	0.0021	0.000
DCS-3	18-Jun-08	<1	<2	<2	<2	0.001	<0.001
DCS-3	29-Sep-08	<1	<2	<2	<2	0.015	0.008
DCS-3	10-Dec-08	<1	<2	<2	<2	0.067	<0.0008
DCS-3	17-Mar-09	<1	<2	<2	<2	<0.0008	<0.0008

Appendix C

Summary of Historical Surface-Water Analytical Results
EnCana, West Divide Creek Seep
Garfield County, Colorado

Location ID	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylene (ug/L)	Total Dissolved Methane (mg/L)	Estimated Thermogenic Methane (mg/L)
Colorado RBSLs (ug/L)		5	1000	680	10,000		
DCS-3	16-Jun-09	<1	<2	<2	<2	0.0014	
DCS-3	16-Jun-09	<1	<2	<2	<2	0.0014	
DCS-3	17-Sep-09	<1	<2	<2	<2	0.0017	
DCS-4	13-Apr-04	<1	<2	<2	<2	0.11	
DCS-4	14-Apr-04	<1	<2	<2	<2	0.09	
DCS-4	15-Apr-04	1.7	<2	<2	<2	0.15	
DCS-4	16-Apr-04	1.4	<2	<2	<2	0.14	
DCS-4	17-Apr-04	2	<2	<2	<2	0.18	
DCS-4	18-Apr-04	1.7	<2	<2	<2	0.17	
DCS-4	19-Apr-04	<1	<2	<2	<2	0.058	
DCS-4	26-Apr-04	<1	<2	<2	<2	0.043	
DCS-4	29-Apr-04	<1	<2	<2	<2	0.012	
DCS-4	03-May-04	<1	<2	<2	<2	0.013	
DCS-4	02-Jun-04	<1	<2	<2	<2	0.006	
DCS-4	08-Jul-04	<1	<2	<2	<2	0.014	
DCS-4	03-Aug-04	<1	<2	<2	<2	0.022	
DCS-4	14-Sep-04	<1	<2	<2	<2	0.027	
DCS-4	12-Oct-04	1	<2	<2	<2	0.13	
DCS-4	26-Oct-04	1.1	<2	<2	<2	0.15	
DCS-4	27-Oct-04	<1	<2	<2	<2	0.11	
DCS-4	28-Oct-04	<1	<2	<2	<2	0.13	
DCS-4	29-Oct-04	1.1	<2	<2	<2	0.13	
DCS-4	30-Oct-04	1.3	<2	<2	<2	0.15	
DCS-4	31-Oct-04	1.2	<2	<2	<2	0.12	
DCS-4	01-Nov-04	1.2	<2	<2	<2	0.13	
DCS-4	02-Nov-04	1.9	<2	<2	<2	0.3	
DCS-4	03-Nov-04	1.3	<2	<2	<2	0.16	
DCS-4	04-Nov-04	1.7	<2	<2	<2	0.21	
DCS-4	05-Nov-04	1.5	<2	<2	<2	0.15	
DCS-4	06-Nov-04	1.3	<2	<2	<2	0.17	
DCS-4	07-Nov-04	1.3	<2	<2	<2	0.16	
DCS-4	08-Nov-04	1	<2	<2	<2	0.077	
DCS-4	09-Nov-04	1	<2	<2	<2	0.11	
DCS-4	10-Nov-04	<1	<2	<2	<2	0.1	
DCS-4	11-Nov-04	1	<2	<2	<2	0.1	
DCS-4	12-Nov-04	9.8	<2	<2	<2	0.12	
DCS-4	19-Nov-04	1.1	<2	<2	<2	0.14	
DCS-4	23-Nov-04	1.8	<2	<2	<2	0.26	
DCS-4	02-Dec-04	3	<2	<2	<2	0.5	
DCS-4	09-Dec-04	<1	<2	<2	<2	0.029	
DCS-4	15-Dec-04	<1	<2	<2	<2	0.016	

Appendix C

Summary of Historical Surface-Water Analytical Results
EnCana, West Divide Creek Seep
Garfield County, Colorado

Location ID	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylene (ug/L)	Total Dissolved Methane (mg/L)	Estimated Thermogenic Methane (mg/L)
Colorado RBSLs (ug/L)		5	1000	680	10,000		
DCS-4	20-Dec-04	<1	<2	<2	<2	0.0023	
DCS-4	23-Dec-04	<1	<2	<2	<2	0.0097	
DCS-4	06-Jan-05	<1	<2	<2	<2	0.019	
DCS-4	10-Jan-05	<1	<2	<2	<2	0.0046	
DCS-4	20-Jan-05	<1	<2	<2	<2	0.0091	
DCS-4	26-Jan-05	<1	<2	<2	<2	0.01	
DCS-4	04-Feb-05	<1	<2	<2	<2	0.0087	
DCS-4	07-Feb-05	<0.5	<5	<0.5	NA	<0.01	
DCS-4	07-Feb-05	<1	<2	<2	<2	0.0096	
DCS-4	07-Feb-05	<1	<2	<2	<2	0.0096	
DCS-4	16-Feb-05	<1	<2	<2	<2	0.01	
DCS-4	24-Feb-05	<1	<2	<2	<2	0.016	
DCS-4	03-Mar-05	<1	<2	<2	<2	0.0069	
DCS-4	07-Mar-05	<1	<2	<2	<2	0.011	
DCS-4	18-Mar-05	<1	<2	<2	<2	0.0075	
DCS-4	23-Mar-05	<1	<2	<2	<2	0.033	
DCS-4	29-Mar-05	<1	<2	<2	<2	0.0042	
DCS-4	07-Apr-05	<1	<2	<2	<2	0.027	
DCS-4	11-Apr-05	<1	<2	<2	<2	0.057	
DCS-4	20-Apr-05	<1	<2	<2	<2	<0.0008	
DCS-4	27-Apr-05	<1	<2	<2	<2	0.0014	
DCS-4	05-May-05	<1	<2	<2	<2	0.0016	
DCS-4	09-May-05	<1	<2	<2	<2	0.00096	
DCS-4	18-May-05	<1	<2	<2	<2	0.0012	
DCS-4	25-May-05	<1	<2	<2	<2	0.0012	
DCS-4	02-Jun-05	<1	<2	<2	<2	0.003	
DCS-4	08-Jun-05	<1	<2	<2	<2	0.0054	
DCS-4	15-Jun-05	<1	<2	<2	<2	0.0033	
DCS-4	21-Jun-05	<1	<2	<2	<2	0.0022	
DCS-4	30-Jun-05	<1	<2	<2	<2	0.0027	
DCS-4	07-Jul-05	<1	<2	<2	<2	0.0042	
DCS-4	11-Jul-05	<1	<2	<2	<2	0.0041	
DCS-4	21-Jul-05	<1	<2	<2	<2	0.0075	
DCS-4	27-Jul-05	<1	<2	<2	<2	0.0035	
DCS-4	03-Aug-05	<1	<2	<2	<2	0.0077	
DCS-4	08-Aug-05	<1	<2	<2	<2	0.0077	
DCS-4	16-Aug-05	<1	<2	<2	<2	0.0089	
DCS-4	24-Aug-05	<1	<2	<2	<2	0.0068	
DCS-4	02-Sep-05	<1	<2	<2	<2	0.0089	
DCS-4	09-Sep-05	<1	<2	<2	<2	0.0072	
DCS-4	13-Sep-05	<1	<2	<2	<2	0.0084	
DCS-4	22-Sep-05	<1	<2	<2	<2	0.0013	

Appendix C

Summary of Historical Surface-Water Analytical Results
EnCana, West Divide Creek Seep
Garfield County, Colorado

Location ID	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylene (ug/L)	Total Dissolved Methane (mg/L)	Estimated Thermogenic Methane (mg/L)
Colorado RBSLs (ug/L)		5	1000	680	10,000		
DCS-4	29-Sep-05	<1	<2	<2	<2	0.0019	
DCS-4	06-Oct-05	<1	<2	<2	<2	0.035	
DCS-4	10-Oct-05	<1	<2	<2	<2	0.0085	
DCS-4	20-Oct-05	<1	<2	<2	<2	0.022	
DCS-4	27-Oct-05	<1	<2	<2	<2	0.025	
DCS-4	03-Nov-05	<1	<2	<2	<2	0.0063	
DCS-4	07-Nov-05	<1	<2	<2	<2	0.0044	
DCS-4	07-Nov-05	<1	<2	<2	<2	0.0034	
DCS-4	07-Nov-05	<0.5	<5	<0.5	NA	<0.01	
DCS-4	17-Nov-05	<1	<2	<2	<2	0.0049	
DCS-4	22-Nov-05	<1	<2	<2	<2	0.014	
DCS-4	29-Nov-05	<1	<2	<2	<2	0.024	
DCS-4	06-Dec-05	<1	<2	<2	<2	0.012	
DCS-4	14-Dec-05	<1	<2	<2	<2	0.011	
DCS-4	21-Dec-05	<1	<2	<2	<2	0.0038	
DCS-4	29-Dec-05	<1	<2	<2	<2	0.0038	
DCS-4	05-Jan-06	<1	<2	<2	<2	0.0042	
DCS-4	09-Jan-06	<0.5	<1	<2	<1	0.005	
DCS-4	09-Jan-06	<1	<2	<2	<2	0.0064	
DCS-4	09-Jan-06	<1	<2	<2	<2	0.0064	
DCS-4	18-Jan-06	<1	<2	<2	<2	0.0057	
DCS-4	24-Jan-06	<1	<2	<2	<2	0.019	
DCS-4	01-Feb-06	<1	<2	<2	<2	0.0059	
DCS-4	09-Feb-06	<0.5	<1	<1	<1	0.015	
DCS-4	13-Feb-06	<0.5	<1	<1	<1	<0.002	
DCS-4	22-Feb-06	<1	<2	<2	<2	0.0054	
DCS-4	01-Mar-06	<1	<2	<2	<2	0.0013	
DCS-4	09-Mar-06	<1	<2	<2	<2	0.0032	
DCS-4	14-Mar-06	<1	<2	<2	<2	0.004	
DCS-4	22-Mar-06	<1	<2	<2	<2	0.008	
DCS-4	30-Mar-06	<1	<2	<2	<2	0.0018	
DCS-4	05-Apr-06	<1	<2	<2	<2	<0.0008	
DCS-4	10-Apr-06	<1	<2	<2	<2	<0.0008	
DCS-4	20-Apr-06	<1	<2	<2	<2	0.00078	
DCS-4	27-Apr-06	<1	<2	<2	<2	<0.0008	
DCS-4	04-May-06	<1	<2	<2	<2	<0.0008	
DCS-4	09-May-06	<1	<2	<2	<2	0.00081	
DCS-4	13-Jun-06	<1	<2	<2	<2	0.0038	
DCS-4	05-Sep-06	<1	<5	<2	<2	0.0096	
DCS-4	04-Dec-06	<1	<5	<2	<2	0.014	
DCS-4	12-Mar-07	<1	<5	<2	<2	0.0014	
DCS-4	21-Jun-07	<1	<2	<2	<2	0.0014	

Appendix C

Summary of Historical Surface-Water Analytical Results
EnCana, West Divide Creek Seep
Garfield County, Colorado

Location ID	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylene (ug/L)	Total Dissolved Methane (mg/L)	Estimated Thermogenic Methane (mg/L)
Colorado RBSLs (ug/L)		5	1000	680	10,000		
DCS-4	13-Sep-07	<1	<2	<2	<2	0.0058	
DCS-4	17-Dec-07	<1	<2	<2	<2	0.0078	
DCS-4	03-Mar-08	<1	<2	<2	<2	0.0022	
DCS-4	18-Jun-08	<1	<2	<2	<2	0.0028	
DCS-4	29-Sep-08	<1	<2	<2	<2	0.0098	
DCS-4	29-Sep-08	<1	<2	<2	<2	0.0098	
DCS-4	10-Dec-08	<1	<2	<2	<2	0.006	
DCS-4	17-Mar-09	<1	<2	<2	<2	0.00096	
DCS-4	16-Jun-09	<1	<2	<2	<2	0.0029	
DCS-4	17-Sep-09	<1	<2	<2	<2	0.0042	
DCS-5	13-Apr-04	<1	<2	<2	<2	0.11	
DCS-5	14-Apr-04	<1	<2	<2	<2	0.086	
DCS-5	15-Apr-04	1.3	<2	<2	<2	0.13	
DCS-5	16-Apr-04	<1	<2	<2	<2	0.13	
DCS-5	17-Apr-04	1.3	<2	<2	<2	0.15	
DCS-5	18-Apr-04	1.2	<2	<2	<2	0.15	
DCS-5	19-Apr-04	<1	<2	<2	<2	0.057	
DCS-5	26-Apr-04	<1	<2	<2	<2	0.046	
DCS-5	29-Apr-04	<1	<2	<2	<2	0.014	
DCS-5	03-May-04	<1	<2	<2	<2	0.018	
DCS-5	26-May-04	<1	<2	<2	<2	0.015	
DCS-5	02-Jun-04	<1	<2	<2	<2	0.012	
DCS-5	08-Jul-04	<1	<2	<2	<2	0.016	
DCS-5	03-Aug-04	<1	<2	<2	<2	0.014	
DCS-5	14-Sep-04	<1	<2	<2	<2	0.017	
DCS-5	12-Oct-04	<1	<2	<2	<2	0.044	
DCS-5	26-Oct-04	<1	<2	<2	<2	0.055	
DCS-5	27-Oct-04	<1	<2	<2	<2	0.035	
DCS-5	28-Oct-04	<1	<2	<2	<2	0.028	
DCS-5	29-Oct-04	<1	<2	<2	<2	0.053	
DCS-5	30-Oct-04	<1	<2	<2	<2	0.047	
DCS-5	31-Oct-04	<1	<2	<2	<2	0.052	
DCS-5	01-Nov-04	<1	<2	<2	<2	0.049	
DCS-5	02-Nov-04	<1	<2	<2	<2	0.12	
DCS-5	03-Nov-04	<1	<2	<2	<2	0.072	
DCS-5	04-Nov-04	<1	<2	<2	<2	0.088	
DCS-5	05-Nov-04	<1	<2	<2	<2	0.064	
DCS-5	06-Nov-04	<1	<2	<2	<2	0.06	
DCS-5	07-Nov-04	<1	<2	<2	<2	0.054	
DCS-5	08-Nov-04	<1	<2	<2	<2	0.026	
DCS-5	09-Nov-04	<1	<2	<2	<2	0.35	

Appendix C

Summary of Historical Surface-Water Analytical Results
EnCana, West Divide Creek Seep
Garfield County, Colorado

Location ID	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylene (ug/L)	Total Dissolved Methane (mg/L)	Estimated Thermogenic Methane (mg/L)
Colorado RBSLs (ug/L)		5	1000	680	10,000		
DCS-5	10-Nov-04	<1	<2	<2	<2	0.035	
DCS-5	11-Nov-04	<1	<2	<2	<2	0.039	
DCS-5	12-Nov-04	3.6	<2	<2	<2	0.048	
DCS-5	19-Nov-04	<1	<2	<2	<2	0.056	
DCS-5	23-Nov-04	<1	<2	<2	<2	0.11	
DCS-5	02-Dec-04	1.1	<2	<2	<2	0.18	
DCS-5	09-Dec-04	<1	<2	<2	<2	0.029	
DCS-5	15-Dec-04	<1	<2	<2	<2	0.017	
DCS-5	20-Dec-04	<1	<2	<2	<2	0.0034	
DCS-5	23-Dec-04	<1	<2	<2	<2	0.026	
DCS-5	06-Jan-05	<1	<2	<2	<2	0.02	
DCS-5	10-Jan-05	<1	<2	<2	<2	0.012	
DCS-5	20-Jan-05	<1	<2	<2	<2	0.0098	
DCS-5	26-Jan-05	<1	<2	<2	<2	0.013	
DCS-5	04-Feb-05	<1	<2	<2	<2	0.011	
DCS-5	07-Feb-05	<1	<2	<2	<2	0.012	
DCS-5	16-Feb-05	<1	<2	<2	<2	0.011	
DCS-5	24-Feb-05	<1	<2	<2	<2	0.014	
DCS-5	03-Mar-05	<1	<2	<2	<2	0.0086	
DCS-5	07-Mar-05	<1	<2	<2	<2	0.012	
DCS-5	18-Mar-05	<1	<2	<2	<2	0.0099	
DCS-5	23-Mar-05	<1	<2	<2	<2	0.021	
DCS-5	29-Mar-05	<1	<2	<2	<2	0.006	
DCS-5	07-Apr-05	<1	<2	<2	<2	0.014	
DCS-5	11-Apr-05	<1	<2	<2	<2	0.044	
DCS-5	20-Apr-05	<1	<2	<2	<2	0.00091	
DCS-5	27-Apr-05	<1	<2	<2	<2	0.0037	
DCS-5	05-May-05	<1	<2	<2	<2	0.0046	
DCS-5	09-May-05	<1	<2	<2	<2	0.0016	
DCS-5	18-May-05	<1	<2	<2	<2	0.0013	
DCS-5	25-May-05	<1	<2	<2	<2	0.0018	
DCS-5	02-Jun-05	<1	<2	<2	<2	0.0035	
DCS-5	08-Jun-05	<1	<2	<2	<2	0.0049	
DCS-5	15-Jun-05	<1	<2	<2	<2	0.0027	
DCS-5	21-Jun-05	<1	<2	<2	<2	0.0025	
DCS-5	30-Jun-05	<1	<2	<2	<2	0.0052	
DCS-5	07-Jul-05	<1	<2	<2	<2	0.0053	
DCS-5	11-Jul-05	<1	<2	<2	<2	0.0053	
DCS-5	21-Jul-05	<1	<2	<2	<2	0.0079	
DCS-5	27-Jul-05	<1	<2	<2	<2	0.0058	
DCS-5	03-Aug-05	<1	<2	<2	<2	0.0091	
DCS-5	08-Aug-05	<1	<2	<2	<2	0.011	

Appendix C

Summary of Historical Surface-Water Analytical Results
EnCana, West Divide Creek Seep
Garfield County, Colorado

Location ID	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylene (ug/L)	Total Dissolved Methane (mg/L)	Estimated Thermogenic Methane (mg/L)
Colorado RBSLs (ug/L)		5	1000	680	10,000		
DCS-5	16-Aug-05	<1	<2	<2	<2	0.0098	
DCS-5	24-Aug-05	<1	<2	<2	<2	0.0074	
DCS-5	02-Sep-05	<1	<2	<2	<2	0.01	
DCS-5	09-Sep-05	<1	<2	<2	<2	0.009	
DCS-5	13-Sep-05	<1	<2	<2	<2	0.0076	
DCS-5	13-Sep-05	<0.5	<5	<0.5	NA	0.012	
DCS-5	13-Sep-05	<1	<2	<2	<2	0.0075	
DCS-5	22-Sep-05	<1	<2	<2	<2	0.002	
DCS-5	29-Sep-05	<1	<2	<2	<2	0.0035	
DCS-5	06-Oct-05	<1	<2	<2	<2	0.028	
DCS-5	10-Oct-05	<1	<2	<2	<2	0.015	
DCS-5	20-Oct-05	<1	<2	<2	<2	0.016	
DCS-5	27-Oct-05	<1	<2	<2	<2	0.018	
DCS-5	03-Nov-05	<1	<2	<2	<2	0.007	
DCS-5	07-Nov-05	<1	<2	<2	<2	0.005	
DCS-5	17-Nov-05	<1	<2	<2	<2	0.0068	
DCS-5	22-Nov-05	<1	<2	<2	<2	0.013	
DCS-5	29-Nov-05	<1	<2	<2	<2	0.023	
DCS-5	06-Dec-05	<1	<2	<2	<2	0.015	
DCS-5	14-Dec-05	<1	<2	<2	<2	0.012	
DCS-5	21-Dec-05	<1	<2	<2	<2	0.0055	
DCS-5	29-Dec-05	<1	<2	<2	<2	0.0048	
DCS-5	05-Jan-06	<1	<2	<2	<2	0.0068	
DCS-5	09-Jan-06	<1	<2	<2	<2	0.0072	
DCS-5	18-Jan-06	<1	<2	<2	<2	0.0074	
DCS-5	24-Jan-06	<1	<2	<2	<2	0.021	
DCS-5	01-Feb-06	<1	<2	<2	<2	0.007	
DCS-5	09-Feb-06	<0.5	<1	<1	<1	0.015	
DCS-5	13-Feb-06	<0.5	<1	<1	<1	<0.002	
DCS-5	13-Feb-06	<0.5	<1	<1	<1	0.009	
DCS-5	13-Feb-06	<0.5	<0.5	<0.5	<0.5	0.013	
DCS-5	22-Feb-06	<1	<2	<2	<2	0.0073	
DCS-5	01-Mar-06	<1	<2	<2	<2	0.0019	
DCS-5	09-Mar-06	<1	<2	<2	<2	0.0041	
DCS-5	14-Mar-06	<1	<2	<2	<2	0.0052	
DCS-5	22-Mar-06	<1	<2	<2	<2	0.0085	
DCS-5	30-Mar-06	<1	<2	<2	<2	0.0025	
DCS-5	05-Apr-06	<1	<2	<2	<2	0.00089	
DCS-5	10-Apr-06	<1	<2	<2	<2	0.0009	
DCS-5	20-Apr-06	<1	<2	<2	<2	<0.0008	
DCS-5	27-Apr-06	<1	<2	<2	<2	<0.0008	
DCS-5	04-May-06	<1	<2	<2	<2	<0.0008	

Appendix C

Summary of Historical Surface-Water Analytical Results
EnCana, West Divide Creek Seep
Garfield County, Colorado

Location ID	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylene (ug/L)	Total Dissolved Methane (mg/L)	Estimated Thermogenic Methane (mg/L)
Colorado RBSLs (ug/L)		5	1000	680	10,000		
DCS-5	09-May-06	<1	<2	<2	<2	0.00097	
DCS-5	13-Jun-06	<1	<2	<2	<2	0.0045	
DCS-5	13-Jun-06	<0.5	<0.5	<0.5	<0.5	0.00445	
DCS-5	05-Sep-06	<1	<5	<2	<2	0.01	
DCS-5	04-Dec-06	<1	<5	<2	<2	0.012	
DCS-5	12-Mar-07	<1	<5	<2	<2	0.0026	
DCS-5	21-Jun-07	<1	<2	<2	<2	0.0018	
DCS-5	13-Sep-07	<1	<2	<2	<2	0.0055	
DCS-5	17-Dec-07	<1	<2	<2	<2	0.0077	
DCS-5	04-Mar-08	<1	<2	<2	<2	0.0038	
DCS-5	18-Jun-08	<1	<2	<2	<2	0.0019	
DCS-5	29-Sep-08	<1	<2	<2	<2	0.008	
DCS-5	10-Dec-08	<1	<2	<2	<2	0.0066	
DCS-5	10-Dec-08	<1	<2	<2	<2	0.0062	
DCS-5	10-Dec-08	<1	<1	<1	<1	0.003	
DCS-5	17-Mar-09	<1	<2	<2	<2	0.0012	
DCS-5	16-Jun-09	<1	<2	<2	<2	0.0028	
DCS-5	17-Sep-09	<1	<2	<2	<2	0.0042	
DCS-6	13-Apr-04	<1	<2	<2	<2	0.087	
DCS-6	14-Apr-04	<1	<2	<2	<2	0.063	
DCS-6	15-Apr-04	<1	<2	<2	<2	0.11	
DCS-6	16-Apr-04	<1	<2	<2	<2	0.083	
DCS-6	17-Apr-04	<1	<2	<2	<2	0.11	
DCS-6	18-Apr-04	<1	<2	<2	<2	0.093	
DCS-6	19-Apr-04	<1	<2	<2	<2	0.048	
DCS-6	26-Apr-04	<1	<2	<2	<2	0.035	
DCS-6	29-Apr-04	<1	<2	<2	<2	0.011	
DCS-6	29-Apr-04	<1	<2	<2	<2	0.015	
DCS-6	03-May-04	<1	<2	<2	<2	0.014	
DCS-6	02-Jun-04	<1	<2	<2	<2	0.0091	
DCS-6	08-Jul-04	<1	<2	<2	<2	0.014	
DCS-6	03-Aug-04	<1	<2	<2	<2	0.014	
DCS-6	14-Sep-04	<1	<2	<2	<2	0.031	
DCS-6	12-Oct-04	<1	<2	<2	<2	0.032	
DCS-6	26-Oct-04	<1	<2	<2	<2	0.049	
DCS-6	27-Oct-04	<1	<2	<2	<2	0.023	
DCS-6	28-Oct-04	<1	<2	<2	<2	0.06	
DCS-6	29-Oct-04	<1	<2	<2	<2	0.086	
DCS-6	30-Oct-04	<1	<2	<2	<2	0.034	
DCS-6	31-Oct-04	<1	<2	<2	<2	0.045	
DCS-6	01-Nov-04	<1	<2	<2	<2	0.24	

Appendix C

Summary of Historical Surface-Water Analytical Results
EnCana, West Divide Creek Seep
Garfield County, Colorado

Location ID	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylene (ug/L)	Total Dissolved Methane (mg/L)	Estimated Thermogenic Methane (mg/L)
Colorado RBSLs (ug/L)		5	1000	680	10,000		
DCS-6	02-Nov-04	<1	<2	<2	<2	0.093	
DCS-6	03-Nov-04	<1	<2	<2	<2	0.16	
DCS-6	04-Nov-04	<1	<2	<2	<2	0.061	
DCS-6	05-Nov-04	<1	<2	<2	<2	0.039	
DCS-6	06-Nov-04	<1	<2	<2	<2	0.043	
DCS-6	07-Nov-04	<1	<2	<2	<2	0.039	
DCS-6	08-Nov-04	<1	<2	<2	<2	0.017	
DCS-6	09-Nov-04	<1	<2	<2	<2	0.034	
DCS-6	10-Nov-04	<1	<2	<2	<2	0.024	
DCS-6	11-Nov-04	<1	<2	<2	<2	0.026	
DCS-6	12-Nov-04	<1	<2	<2	<2	0.022	
DCS-6	19-Nov-04	<1	<2	<2	<2	0.035	
DCS-6	23-Nov-04	<1	<2	<2	<2	0.069	
DCS-6	02-Dec-04	1.5	<2	<2	<2	-88.8	
DCS-6	09-Dec-04	<1	<2	<2	<2	0.028	
DCS-6	15-Dec-04	<1	<2	<2	<2	0.018	
DCS-6	20-Dec-04	<1	<2	<2	<2	0.036	
DCS-6	23-Dec-04	<1	<2	<2	<2	0.021	
DCS-6	06-Jan-05	<1	<2	<2	<2	0.019	
DCS-6	10-Jan-05	<1	<2	<2	<2	0.011	
DCS-6	20-Jan-05	<1	<2	<2	<2	0.0086	
DCS-6	26-Jan-05	<1	<2	<2	<2	0.013	
DCS-6	04-Feb-05	<1	<2	<2	<2	0.0088	
DCS-6	07-Feb-05	<1	<2	<2	<2	0.0091	
DCS-6	16-Feb-05	<1	<2	<2	<2	0.011	
DCS-6	24-Feb-05	<1	<2	<2	<2	0.014	
DCS-6	03-Mar-05	<1	<2	<2	<2	0.0086	
DCS-6	07-Mar-05	<1	<2	<2	<2	0.013	
DCS-6	18-Mar-05	<1	<2	<2	<2	0.01	
DCS-6	23-Mar-05	<1	<2	<2	<2	0.023	
DCS-6	29-Mar-05	<1	<2	<2	<2	0.0052	
DCS-6	07-Apr-05	<1	<2	<2	<2	0.015	
DCS-6	11-Apr-05	<1	<2	<2	<2	0.034	
DCS-6	27-Apr-05	<1	<2	<2	<2	0.003	
DCS-6	05-May-05	<1	<2	<2	<2	0.0045	
DCS-6	09-May-05	<1	<2	<2	<2	0.0022	
DCS-6	18-May-05	<1	<2	<2	<2	0.0019	
DCS-6	25-May-05	<1	<2	<2	<2	0.0025	
DCS-6	02-Jun-05	<1	<2	<2	<2	0.0031	
DCS-6	08-Jun-05	<1	<2	<2	<2	0.0049	
DCS-6	15-Jun-05	<1	<2	<2	<2	0.0044	
DCS-6	21-Jun-05	<1	<2	<2	<2	0.0027	

Appendix C

Summary of Historical Surface-Water Analytical Results
EnCana, West Divide Creek Seep
Garfield County, Colorado

Location ID	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylene (ug/L)	Total Dissolved Methane (mg/L)	Estimated Thermogenic Methane (mg/L)
Colorado RBSLs (ug/L)		5	1000	680	10,000		
DCS-6	30-Jun-05	<1	<2	<2	<2	0.0036	
DCS-6	07-Jul-05	<1	<2	<2	<2	0.0068	
DCS-6	11-Jul-05	<1	<2	<2	<2	0.0064	
DCS-6	21-Jul-05	<1	<2	<2	<2	0.012	
DCS-6	27-Jul-05	<1	<2	<2	<2	0.0066	
DCS-6	03-Aug-05	<1	<2	<2	<2	0.0081	
DCS-6	08-Aug-05	<1	<2	<2	<2	0.018	
DCS-6	16-Aug-05	<1	<2	<2	<2	0.016	
DCS-6	24-Aug-05	<1	<2	<2	<2	0.013	
DCS-6	02-Sep-05	<1	<2	<2	<2	0.013	
DCS-6	09-Sep-05	<1	<2	<2	<2	0.0086	
DCS-6	13-Sep-05	<1	<2	<2	<2	0.011	
DCS-6	22-Sep-05	<1	<2	<2	<2	0.0021	
DCS-6	29-Sep-05	<1	<2	<2	<2	0.0033	
DCS-6	06-Oct-05	<1	<2	<2	<2	0.027	
DCS-6	10-Oct-05	<1	<2	<2	<2	0.014	
DCS-6	10-Oct-05	<1	<2	<2	<2	0.015	
DCS-6	10-Oct-05	<0.5	<5	<0.5	<0.5	0.019	
DCS-6	20-Oct-05	<1	<2	<2	<2	0.014	
DCS-6	27-Oct-05	<1	<2	<2	<2	0.012	
DCS-6	03-Nov-05	<1	<2	<2	<2	0.0066	
DCS-6	07-Nov-05	<1	<2	<2	<2	0.0059	
DCS-6	17-Nov-05	<1	<2	<2	<2	0.007	
DCS-6	22-Nov-05	<1	<2	<2	<2	0.013	
DCS-6	29-Nov-05	<1	<2	<2	<2	0.021	
DCS-6	06-Dec-05	<1	<2	<2	<2	0.015	
DCS-6	06-Dec-05	<1	<2	<2	<2	0.014	
DCS-6	06-Dec-05	<0.5	<5	<0.5	NA	0.014	
DCS-6	14-Dec-05	<1	<2	<2	<2	0.011	
DCS-6	21-Dec-05	<1	<2	<2	<2	0.0064	
DCS-6	29-Dec-05	<1	<2	<2	<2	0.0026	
DCS-6	05-Jan-06	<1	<2	<2	<2	0.0056	
DCS-6	09-Jan-06	<1	<2	<2	<2	0.0078	
DCS-6	18-Jan-06	<1	<2	<2	<2	0.0066	
DCS-6	24-Jan-06	<1	<2	<2	<2	0.036	
DCS-6	01-Feb-06	<1	<2	<2	<2	0.0056	
DCS-6	09-Feb-06	<0.5	<1	<1	<1	0.016	
DCS-6	13-Feb-06	<0.5	<1	<1	<1	<0.002	
DCS-6	22-Feb-06	<1	<2	<2	<2	0.0066	
DCS-6	01-Mar-06	<1	<2	<2	<2	0.0019	
DCS-6	09-Mar-06	<1	<2	<2	<2	0.0056	
DCS-6	14-Mar-06	<0.25	<0.25	<0.25	<0.25	0.0143	

Appendix C

Summary of Historical Surface-Water Analytical Results
EnCana, West Divide Creek Seep
Garfield County, Colorado

Location ID	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylene (ug/L)	Total Dissolved Methane (mg/L)	Estimated Thermogenic Methane (mg/L)
Colorado RBSLs (ug/L)		5	1000	680	10,000		
DCS-6	14-Mar-06	<1	<2	<2	<2	0.012	
DCS-6	14-Mar-06	<1	<2	<2	<2	0.012	
DCS-6	22-Mar-06	<1	<2	<2	<2	0.0096	
DCS-6	30-Mar-06	<1	<2	<2	<2	0.0058	
DCS-6	05-Apr-06	<1	<2	<2	<2	0.00089	
DCS-6	10-Apr-06	<1	<2	<2	<2	0.00089	
DCS-6	20-Apr-06	<1	<2	<2	<2	0.00098	
DCS-6	27-Apr-06	<1	<2	<2	<2	<0.0008	
DCS-6	04-May-06	<1	<2	<2	<2	0.00084	
DCS-6	09-May-06	<1	<2	<2	<2	0.00083	
DCS-6	13-Jun-06	<1	<2	<2	<2	0.0054	
DCS-6	05-Sep-06	<1	<5	<2	<2	0.013	
DCS-6	04-Dec-06	<1	<5	<2	<2	0.013	
DCS-6	12-Mar-07	<1	<5	<2	<2	0.0035	
DCS-6	21-Jun-07	<1	<2	<2	<2	0.0025	
DCS-6	13-Sep-07	<1	<2	<2	<2	NA	
DCS-6	17-Dec-07	<1	<2	<2	<2	0.0078	
DCS-6	04-Mar-08	<1	<2	<2	<2	0.0047	
DCS-6	18-Jun-08	<1	<2	<2	<2	0.0029	
DCS-6	29-Sep-08	<1	<2	<2	<2	0.011	
DCS-6	10-Dec-08	<1	<2	<2	<2	0.085	
DCS-6	17-Mar-09	<1	<2	<2	<2	0.0011	
DCS-6	16-Jun-09	<1	<2	<2	<2	0.0056	
DCS-6	17-Sep-09	<1	<2	<2	<2	0.0051	
DCS-7	09-Dec-04	<1	<2	<2	<2	0.026	
DCS-7	15-Dec-04	<1	<2	<2	<2	0.016	
DCS-7	20-Dec-04	<1	<2	<2	<2	0.031	
DCS-7	23-Dec-04	<1	<2	<2	<2	0.019	
DCS-7	06-Jan-05	<1	<2	<2	<2	0.018	
DCS-7	10-Jan-05	<1	<2	<2	<2	0.01	
DCS-7	20-Jan-05	<1	<2	<2	<2	0.0082	
DCS-7	26-Jan-05	<1	<2	<2	<2	0.012	
DCS-7	04-Feb-05	<1	<2	<2	<2	0.0087	
DCS-7	07-Feb-05	<1	<2	<2	<2	0.0092	
DCS-7	16-Feb-05	<1	<2	<2	<2	0.0094	
DCS-7	24-Feb-05	<1	<2	<2	<2	0.012	
DCS-7	03-Mar-05	<1	<2	<2	<2	0.0081	
DCS-7	07-Mar-05	<1	<2	<2	<2	0.01	
DCS-7	18-Mar-05	<1	<2	<2	<2	0.0087	
DCS-7	23-Mar-05	<1	<2	<2	<2	0.017	
DCS-7	29-Mar-05	<1	<2	<2	<2	0.0049	

Appendix C

Summary of Historical Surface-Water Analytical Results
EnCana, West Divide Creek Seep
Garfield County, Colorado

Location ID	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylene (ug/L)	Total Dissolved Methane (mg/L)	Estimated Thermogenic Methane (mg/L)
Colorado RBSLs (ug/L)		5	1000	680	10,000		
DCS-7	07-Apr-05	<1	<2	<2	<2	0.0097	
DCS-7	11-Apr-05	<1	<2	<2	<2	0.033	
DCS-7	27-Apr-05	<1	<2	<2	<2	0.0027	
DCS-7	05-May-05	<1	<2	<2	<2	0.0038	
DCS-7	09-May-05	<1	<2	<2	<2	0.0021	
DCS-7	18-May-05	<1	<2	<2	<2	0.0016	
DCS-7	25-May-05	<1	<2	<2	<2	0.0018	
DCS-7	02-Jun-05	<1	<2	<2	<2	0.0031	
DCS-7	08-Jun-05	<1	<2	<2	<2	0.0041	
DCS-7	15-Jun-05	<1	<2	<2	<2	0.0027	
DCS-7	21-Jun-05	<1	<2	<2	<2	0.0027	
DCS-7	30-Jun-05	<1	<2	<2	<2	0.0036	
DCS-7	07-Jul-05	<1	<2	<2	<2	0.0054	
DCS-7	11-Jul-05	<1	<2	<2	<2	0.0051	
DCS-7	21-Jul-05	<1	<2	<2	<2	0.0082	
DCS-7	27-Jul-05	<1	<2	<2	<2	0.0053	
DCS-7	03-Aug-05	<1	<2	<2	<2	0.0074	
DCS-7	08-Aug-05	<1	<2	<2	<2	0.0099	
DCS-7	16-Aug-05	<1	<2	<2	<2	0.0098	
DCS-7	24-Aug-05	<1	<2	<2	<2	0.0085	
DCS-7	02-Sep-05	<1	<2	<2	<2	0.0085	
DCS-7	09-Sep-05	<1	<2	<2	<2	0.0074	
DCS-7	13-Sep-05	<1	<2	<2	<2	0.0079	
DCS-7	22-Sep-05	<1	<2	<2	<2	0.0021	
DCS-7	29-Sep-05	<1	<2	<2	<2	0.0034	
DCS-7	06-Oct-05	<1	<2	<2	<2	0.025	
DCS-7	10-Oct-05	<1	<2	<2	<2	0.013	
DCS-7	20-Oct-05	<1	<2	<2	<2	0.0096	
DCS-7	27-Oct-05	<1	<2	<2	<2	0.01	
DCS-7	03-Nov-05	<1	<2	<2	<2	0.0064	
DCS-7	07-Nov-05	<1	<2	<2	<2	0.0052	
DCS-7	17-Nov-05	<1	<2	<2	<2	0.0066	
DCS-7	22-Nov-05	<1	<2	<2	<2	0.012	
DCS-7	29-Nov-05	<1	<2	<2	<2	0.022	
DCS-7	06-Dec-05	<1	<2	<2	<2	0.015	
DCS-7	14-Dec-05	<1	<2	<2	<2	0.013	
DCS-7	21-Dec-05	<1	<2	<2	<2	0.0067	
DCS-7	29-Dec-05	<1	<2	<2	<2	0.0044	
DCS-7	05-Jan-06	<1	<2	<2	<2	0.0058	
DCS-7	09-Jan-06	<1	<2	<2	<2	0.008	
DCS-7	18-Jan-06	<1	<2	<2	<2	0.0055	
DCS-7	24-Jan-06	<1	<2	<2	<2	0.02	

Appendix C

Summary of Historical Surface-Water Analytical Results
EnCana, West Divide Creek Seep
Garfield County, Colorado

Location ID	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylene (ug/L)	Total Dissolved Methane (mg/L)	Estimated Thermogenic Methane (mg/L)
Colorado RBSLs (ug/L)		5	1000	680	10,000		
DCS-7	01-Feb-06	<1	<2	<2	<2	0.0053	
DCS-7	09-Feb-06	<0.5	<1	<1	<1	0.017	
DCS-7	13-Feb-06	<0.5	<1	<1	<1	<0.002	
DCS-7	22-Feb-06	<1	<2	<2	<2	0.004	
DCS-7	01-Mar-06	<1	<2	<2	<2	0.002	
DCS-7	09-Mar-06	<1	<2	<2	<2	0.0039	
DCS-7	14-Mar-06	<1	<2	<2	<2	0.01	
DCS-7	22-Mar-06	<1	<2	<2	<2	0.0084	
DCS-7	30-Mar-06	<1	<2	<2	<2	0.0025	
DCS-7	05-Apr-06	<1	<2	<2	<2	0.00079	
DCS-7	10-Apr-06	<1	<2	<2	<2	0.00077	
DCS-7	20-Apr-06	<1	<2	<2	<2	0.00089	
DCS-7	27-Apr-06	<1	<2	<2	<2	<0.0008	
DCS-7	04-May-06	<1	<2	<2	<2	0.0014	
DCS-7	09-May-06	<1	<2	<2	<2	<0.0008	
DCS-7	13-Jun-06	<1	<2	<2	<2	0.0053	
DCS-7	05-Sep-06	<1	<5	<2	<2	0.01	
DCS-7	04-Dec-06	<1	<5	<2	<2	0.011	
DCS-7	12-Mar-07	<1	<5	<2	<2	0.0027	
DCS-7	21-Jun-07	<1	<2	<2	<2	0.002	
DCS-7	13-Sep-07	<1	<2	<2	<2	-88.8	
DCS-7	17-Dec-07	<1	<2	<2	<2	0.0078	
DCS-7	04-Mar-08	<1	<2	<2	<2	0.004	
DCS-7	18-Jun-08	<1	<2	<2	<2	0.0022	
DCS-7	29-Sep-08	<1	<2	<2	<2	0.0084	
DCS-7	10-Dec-08	<1	<2	<2	<2	0.0083	
DCS-7	17-Mar-09	<1	<2	<2	<2	0.0012	
DCS-7	16-Jun-09	<1	<2	<2	<2	0.0037	
DCS-7	17-Sep-09	<1	<2	<2	<2	0.0054	
DCS-8	09-Dec-04	<1	<2	<2	<2	0.021	
DCS-8	15-Dec-04	<1	<2	<2	<2	0.013	
DCS-8	20-Dec-04	<1	<2	<2	<2	0.026	
DCS-8	23-Dec-04	<1	<2	<2	<2	0.016	
DCS-8	06-Jan-05	<1	<2	<2	<2	0.016	
DCS-8	10-Jan-05	<1	<2	<2	<2	0.0098	
DCS-8	20-Jan-05	<1	<2	<2	<2	0.0075	
DCS-8	26-Jan-05	<1	<2	<2	<2	0.013	
DCS-8	04-Feb-05	<1	<2	<2	<2	0.0075	
DCS-8	07-Feb-05	<1	<2	<2	<2	0.0076	
DCS-8	16-Feb-05	<1	<2	<2	<2	0.0074	
DCS-8	24-Feb-05	<1	<2	<2	<2	0.0099	

Appendix C

Summary of Historical Surface-Water Analytical Results
EnCana, West Divide Creek Seep
Garfield County, Colorado

Location ID	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylene (ug/L)	Total Dissolved Methane (mg/L)	Estimated Thermogenic Methane (mg/L)
Colorado RBSLs (ug/L)		5	1000	680	10,000		
DCS-8	03-Mar-05	<1	<2	<2	<2	0.0058	
DCS-8	07-Mar-05	<1	<2	<2	<2	0.0086	
DCS-8	18-Mar-05	<1	<2	<2	<2	0.0075	
DCS-8	23-Mar-05	<1	<2	<2	<2	0.013	
DCS-8	29-Mar-05	<1	<2	<2	<2	0.0041	
DCS-8	07-Apr-05	<1	<2	<2	<2	0.0083	
DCS-8	11-Apr-05	<1	<2	<2	<2	0.025	
DCS-8	27-Apr-05	<1	<2	<2	<2	0.0027	
DCS-8	05-May-05	<1	<2	<2	<2	0.0032	
DCS-8	09-May-05	<1	<2	<2	<2	0.0019	
DCS-8	18-May-05	<1	<2	<2	<2	0.002	
DCS-8	25-May-05	<1	<2	<2	<2	0.0017	
DCS-8	02-Jun-05	<1	<2	<2	<2	0.0032	
DCS-8	08-Jun-05	<1	<2	<2	<2	0.0045	
DCS-8	15-Jun-05	<1	<2	<2	<2	0.0025	
DCS-8	21-Jun-05	<1	<2	<2	<2	0.0024	
DCS-8	30-Jun-05	<1	<2	<2	<2	0.0034	
DCS-8	07-Jul-05	<1	<2	<2	<2	0.0047	
DCS-8	11-Jul-05	<1	<2	<2	<2	0.0044	
DCS-8	21-Jul-05	<1	<2	<2	<2	0.0072	
DCS-8	27-Jul-05	<1	<2	<2	<2	0.0038	
DCS-8	03-Aug-05	<1	<2	<2	<2	0.0099	
DCS-8	08-Aug-05	<0.5	<5	<2	NA	<0.01	
DCS-8	08-Aug-05	<1	<2	<2	<2	0.0075	
DCS-8	08-Aug-05	<1	<2	<2	<2	0.0072	
DCS-8	16-Aug-05	<1	<2	<2	<2	0.0083	
DCS-8	24-Aug-05	<1	<2	<2	<2	0.0065	
DCS-8	02-Sep-05	<1	<2	<2	<2	0.0066	
DCS-8	09-Sep-05	<1	<2	<2	<2	0.0068	
DCS-8	13-Sep-05	<1	<2	<2	<2	0.0064	
DCS-8	22-Sep-05	<1	<2	<2	<2	0.0018	
DCS-8	29-Sep-05	<1	<2	<2	<2	0.0032	
DCS-8	06-Oct-05	<1	<2	<2	<2	0.026	
DCS-8	10-Oct-05	<1	<2	<2	<2	0.0097	
DCS-8	20-Oct-05	<1	<2	<2	<2	0.011	
DCS-8	27-Oct-05	<1	<2	<2	<2	0.0091	
DCS-8	03-Nov-05	<1	<2	<2	<2	0.0065	
DCS-8	07-Nov-05	<1	<2	<2	<2	0.0043	
DCS-8	17-Nov-05	<1	<2	<2	<2	0.0066	
DCS-8	22-Nov-05	<1	<2	<2	<2	0.012	
DCS-8	29-Nov-05	<1	<2	<2	<2	0.021	
DCS-8	06-Dec-05	<1	<2	<2	<2	0.013	

Appendix C

Summary of Historical Surface-Water Analytical Results
EnCana, West Divide Creek Seep
Garfield County, Colorado

Location ID	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylene (ug/L)	Total Dissolved Methane (mg/L)	Estimated Thermogenic Methane (mg/L)
Colorado RBSLs (ug/L)		5	1000	680	10,000		
DCS-8	14-Dec-05	<1	<2	<2	<2	0.073	
DCS-8	21-Dec-05	<1	<2	<2	<2	0.0073	
DCS-8	29-Dec-05	<1	<2	<2	<2	-88.8	
DCS-8	05-Jan-06	<1	<2	<2	<2	0.006	
DCS-8	09-Jan-06	<1	<2	<2	<2	0.0081	
DCS-8	18-Jan-06	<1	<2	<2	<2	0.005	
DCS-8	24-Jan-06	<1	<2	<2	<2	0.018	
DCS-8	01-Feb-06	<1	<2	<2	<2	0.0056	
DCS-8	09-Feb-06	<0.5	<1	<2	<1	0.015	
DCS-8	13-Feb-06	<0.5	<1	<2	<1	<0.002	
DCS-8	22-Feb-06	<1	<2	<2	<2	0.0052	
DCS-8	01-Mar-06	<1	<2	<2	<2	0.0018	
DCS-8	09-Mar-06	<1	<2	<2	<2	0.0038	
DCS-8	14-Mar-06	<1	<2	<2	<2	0.0088	
DCS-8	22-Mar-06	<1	<2	<2	<2	0.008	
DCS-8	30-Mar-06	<1	<2	<2	<2	0.0024	
DCS-8	05-Apr-06	<1	<2	<2	<2	0.00083	
DCS-8	10-Apr-06	<1	<2	<2	<2	<0.0008	
DCS-8	20-Apr-06	<1	<2	<2	<2	0.0008	
DCS-8	27-Apr-06	<1	<2	<2	<2	<0.0008	
DCS-8	04-May-06	<1	<2	<2	<2	0.0013	
DCS-8	09-May-06	<1	<2	<2	<2	0.0011	
DCS-8	13-Jun-06	<1	<2	<2	<2	0.0043	
DCS-8	05-Sep-06	<1	<5	<2	<2	0.0084	
DCS-8	04-Dec-06	<1	<5	<2	<2	0.011	
DCS-8	12-Mar-07	<1	<5	<2	<2	0.0022	
DCS-8	21-Jun-07	<1	<2	<2	<2	0.0017	
DCS-8	13-Sep-07	<1	<2	<2	<2	0.0064	
DCS-8	13-Sep-07	<1	<2	<2	<2	0.005	
DCS-8	17-Dec-07	<1	<2	<2	<2	0.0058	
DCS-8	04-Mar-08	<1	<2	<2	<2	0.0034	
DCS-8	18-Jun-08	<1	<2	<2	<2	0.0023	
DCS-8	29-Sep-08	<1	<2	<2	<2	0.0065	
DCS-8	10-Dec-08	<1	<2	<2	<2	0.006	
DCS-8	17-Mar-09	<1	<2	<2	<2	0.0011	
DCS-8	16-Jun-09	<1	<2	<2	<2	0.0032	
DCS-8	17-Sep-09	<1	<2	<2	<2	0.0038	

Bold - indicates value exceeds state standard

mg/l - milligrams/liter

ug/l - micrograms/liter

Total number of observations for all points over all dates = 996

APPENDIX D

Historical QA/QC Results for Surface and Ground Water Samples

Appendix D
 Summary of Historical QA/QC Samples
 Encana, West Divide Seep
 Garfield County, Colorado

Sample ID	Seq	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylene (ug/L)	Total Dissolved Methane (mg/L)
Colorado RBSLs			5	1000	680	10000	
DCS-1		1/10/05	< 1	< 2	< 2	< 2	0.0022
DCS-1	Dup	1/10/05	< 1	< 2	< 2	< 2	0.0023
DCS-1	Split	1/10/05	< 0.5	< 5	< 0.5	< 1.5	< 0.01
DCS-1		3/7/05	< 1	< 2	< 2	< 2	0.0014
DCS-1	Dup	3/7/05	< 1	< 2	< 2	< 2	0.0014
DCS-1	Split	3/7/05	< 0.5	< 5	< 0.5	< 1.5	< 0.01
DCS-1		12/4/06	< 1	< 5	< 2	< 2	0.0015
DCS-1	Dup	12/4/06	< 1	< 5	< 2	< 2	0.0015
DCS-1	Split	12/4/06	< 0.25	< 0.25	< 0.25	< 0.5	0.0005
DCS-1		3/17/09	< 1	< 2	< 2	< 2	< 0.0008
DCS-1	Dup	3/17/09	< 1	< 2	< 2	< 2	0.0062
DCS-1	Split	3/17/09	< 1	< 1	< 1	< 1	< 0.001
DCS-2		10/12/04	4.3	< 2	< 2	< 2	0.36
DCS-2	Dup	10/12/04	4.1	< 2	< 2	< 2	0.36
DCS-2	Split	10/12/04	3.6	< 2	< 2	< 1.5	0.18
DCS-2		5/9/05	< 1	< 2	< 2	< 2	0.0084
DCS-2	Dup	5/9/05	< 1	< 2	< 2	< 2	0.0098
DCS-2	Split	5/9/05	< 0.5	< 5	< 0.5	< 1.5	0.012
DCS-2		4/10/06	< 1	< 2	< 2	< 2	< 0.0008
DCS-2	Dup	4/10/06	< 1	< 2	< 2	< 2	< 0.0008
DCS-2	Split	4/10/06	< 0.25	< 0.25	< 0.25	< 0.5	0.00061
DCS-2		9/5/06	< 1	< 5	< 2	< 2	0.0054
DCS-2	Dup	9/5/06	< 1	< 5	< 2	< 2	0.0057
DCS-2	Split	9/5/06	< 0.25	< 0.25	< 0.25	< 0.5	0.00269
DCS-2		3/12/07	< 1	< 5	< 2	< 2	0.072
DCS-2	Dup.	3/12/07	< 1	< 5	< 2	< 2	0.11
DCS-2	Split	3/12/07	< 1	< 5	< 2	< 2	0.0735
DCS-2		6/21/07	< 1	< 2	< 2	< 2	0.0019
DCS-2	Dup	6/21/07	< 1	< 2	< 2	< 2	0.002
DCS-2	Split	6/21/07	< 0.25	< 0.25	< 0.25	< 0.5	0.991
DCS-2		3/3/08	< 1	< 2	< 2	< 2	0.00096
DCS-2	Dup	3/3/08	< 1	< 2	< 2	< 2	0.0011
DCS-2	Split	3/3/08	< 0.5	< 0.5	< 0.5	< 1	0.000488
DCS-3		4/16/04	5.7	4.2	< 2	< 2	0.38
DCS-3	Dup	4/16/04	5.8	4.2	< 2	2.3	0.33
DCS-3		12/9/04	< 1	< 2	< 2	< 2	0.077
DCS-3	Dup	12/9/04	< 1	< 2	< 2	< 2	0.079
DCS-3	Split	12/9/04	< 0.5	< 5	< 0.5	< 1.5	0.058
DCS-3		6/8/05	< 1	< 2	< 2	< 2	0.0035
DCS-3	Dup	6/8/05	< 1	< 2	< 2	< 2	0.0037
DCS-3	Split	6/8/05	< 0.5	< 5	< 0.5	< 1.5	< 0.01
DCS-3		7/11/05	< 1	< 2	< 2	< 2	0.0069
DCS-3	Dup	7/11/05	< 1	< 2	< 2	< 2	0.006

Appendix D
 Summary of Historical QA/QC Samples
 Encana, West Divide Seep
 Garfield County, Colorado

Sample ID	Seq	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylene (ug/L)	Total Dissolved Methane (mg/L)
Colorado RBSLs			5	1000	680	10000	
DCS-3	Split	7/11/05	< 0.5	< 5	0.53	2.6	0.017
DCS-3		5/9/06	< 1	< 2	< 2	< 2	< 0.0008
DCS-3	Dup	5/9/06	< 1	< 2	< 2	< 2	< 0.0008
DCS-3	Split	5/9/06	< 0.5	< 0.5	< 0.5	< 1	0.000849
DCS-3		12/17/07	< 1	< 2	< 2	< 2	0.0032
DCS-3	Dup	12/17/07	< 1	< 2	< 2	< 2	0.0034
DCS-3	Rep	12/17/07	< 0.5	< 5	< 0.5	< 0	0.00371
DCS-3		6/16/09	< 1	< 2	< 2	< 2	0.0014
DCS-3	Dup	6/16/09	< 1	< 2	< 2	< 2	0.0014
DCS-4		2/7/05	< 1	< 2	< 2	< 2	0.0096
DCS-4	Dup	2/7/05	< 1	< 2	< 2	< 2	0.0096
DCS-4	Split	2/7/05	< 0.5	< 5	< 0.5	< 1.5	< 0.01
DCS-4		11/7/05	< 1	< 2	< 2	< 2	0.0044
DCS-4	Dup	11/7/05	< 1	< 2	< 2	< 2	0.0034
DCS-4	Split	11/7/05	< 0.5	< 5	< 0.5	< 1.5	< 0.01
DCS-4		1/9/06	< 1	< 2	< 2	< 2	0.0064
DCS-4	Dup	1/9/06	< 1	< 2	< 2	< 2	0.0064
DCS-4	Split	1/9/06	< 0.5	< 1	< 1	< 2	0.005
DCS-4		9/29/08	< 1	< 2	< 2	< 2	0.0098
DCS-4	Dup	9/29/08	< 1	< 2	< 2	< 2	0.0098
DCS-4	Split	9/29/08	< 0.5	< 0.5	< 0.5	< 0.5	0.012
DCS-5		9/13/05	< 1	< 2	< 2	< 2	0.0076
DCS-5	Dup	9/13/05	< 1	< 2	< 2	< 2	0.0075
DCS-5	Split	9/13/05	0.99	< 5	< 0.5	1.9	0.012
DCS-5		2/13/06	< 0.5	< 1	< 1	< 2	< 0.002
DCS-5	Dup	2/13/06	< 0.5	< 1	< 1	< 2	0.009
DCS-5	Split	2/13/06	< 0.5	< 0.5	< 0.5	< 1	0.013
DCS-5		6/13/06	< 1	< 2	< 2	< 2	0.0045
DCS-5	Split	6/13/06	< 0.5	< 0.5	< 0.5	< 1	0.00445
DCS-5		12/10/08	< 1	< 2	< 2	< 2	0.0066
DCS-5	Dup	12/10/08	< 1	< 2	< 2	< 2	0.0062
DCS-5	Split	12/10/08	< 1	< 1	< 1	< 1	0.003
DCS-6		4/29/04	< 1	< 2	< 2	< 2	0.011
DCS-6	Dup	4/29/04	< 1	< 2	< 2	< 2	0.015
DCS-6		10/10/05	< 1	< 2	< 2	< 2	0.014
DCS-6	Dup	10/10/05	< 1	< 2	< 2	< 2	0.015
DCS-6	Split	10/10/05	< 0.5	< 5	< 0.5	< 1.5	0.019
DCS-6		12/6/05	< 1	< 2	< 2	< 2	0.015
DCS-6	Dup	12/6/05	< 1	< 2	< 2	< 2	0.014
DCS-6	Split	12/6/05	< 0.5	< 5	< 0.5	< 1.5	0.014
DCS-6		3/14/06	< 1	< 2	< 2	< 2	0.012
DCS-6	Dup	3/14/06	< 1	< 2	< 2	< 2	0.012

Appendix D
 Summary of Historical QA/QC Samples
 Encana, West Divide Seep
 Garfield County, Colorado

Sample ID	Seq	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylene (ug/L)	Total Dissolved Methane (mg/L)
Colorado RBSLs			5	1000	680	10000	
DCS-6	Split	3/14/06	< 0.25	< 0.25	< 0.25	< 0.5	0.0143
DCS-6		6/18/08	< 1	< 2	< 2	< 2	0.0029
DCS-6	Dup	6/18/08	< 1	< 2	< 2	< 2	0.0027
DCS-6	Split	6/18/08	< 1	< 1	< 1	< 3	NS
DCS-8		8/8/05	< 1	< 2	< 2	< 2	0.0075
DCS-8	Dup	8/8/05	< 1	< 2	< 2	< 2	0.0072
DCS-8	Split	8/8/05	< 0.5	< 5	< 0.5	< 1.5	< 0.01
DCS-8		6/13/06	< 1	< 2	< 2	< 2	0.0043
DCS-8	Dup	6/13/06	< 1	< 2	< 2	< 2	0.0048
DCS-8		9/13/07	< 1	< 2	< 2	< 2	0.0064
DCS-8	Dup	9/13/07	< 1	< 2	< 2	< 2	0.005
MW-1		9/11/07	< 1	< 2	< 2	< 2	0.001
MW-1	Dup	9/11/07	< 1	< 2	< 2	< 2	< 0.0008
MW-1	Split	9/11/07	< 0.5	< 0.5	< 0.5	< 1	0.000144
MW-2		2/9/05	420	< 10	< 10	30	3
MW-2	Dup	2/9/05	420	2.4	8.6	43.5	2.6
MW-2	Split	2/9/05	340	< 5	6.7	33	0.65
MW-2		12/7/05	290	< 10	< 10	46	6.5
MW-2	Dup	12/7/05	270	< 10	< 10	42	5.1
MW-2	Split	12/7/05	290	35	8.1	49	8.4
MW-2		1/11/06	310	< 2	8.5	63.9	8
MW-2	Dup	1/11/06	340	< 2	8.8	62.5	9
MW-2	Split	1/11/06	174	< 2	4.9	36.9	3.1
MW-2		3/12/07	230	< 2	5.8	37.8	7.8
MW-2	Dup.	3/12/07	250	< 2	6.5	43.4	9.4
MW-2	Split	3/12/07	212	< 2	8.05	51.43	0.0691
MW-2		6/20/07	220	< 2	5.3	36.1	6.1
MW-2	Dup	6/20/07	190	< 2	4.6	31.6	4.5
MW-2	Split	6/20/07	94	< 0.25	5.5	43.49	0.979
MW-2		3/3/08	120	< 2	2.6	11	5.8
MW-2	Dup	3/3/08	130	< 2	2.7	12	5.9
MW-2	Split	3/3/08	186	< 0.5	5.1	31.2	1.86
MW-2		6/15/09	110	< 2	< 2	28.8	8.3
MW-2	Dup	6/15/09	94	< 2	< 2	24.1	9.2
MW-4		9/15/04	320	76	9.5	80.5	9.2
MW-4	Dup	9/15/04	330	76	9.1	77.1	8.6
MW-4	Split	9/15/04	240	59	6.7	60	27
MW-4		10/14/04	300	37	9	55.2	5.6
MW-4	Dup	10/14/04	300	51	9	59	9.3
MW-4	Split	10/14/04	210	< 50	6.1	37	4.4
MW-4		12/13/04	270	36	8.1	64.9	14

Appendix D
 Summary of Historical QA/QC Samples
 Encana, West Divide Seep
 Garfield County, Colorado

Sample ID	Seq	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylene (ug/L)	Total Dissolved Methane (mg/L)
Colorado RBSLs			5	1000	680	10000	
MW-4	Dup	12/13/04	270	37	7.7	62.6	12
MW-4	Split	12/13/04	240	33	12	97	7.8
MW-4		1/12/05	350	68	11	71.9	14
MW-4	Dup	1/12/05	360	40	11	62.3	14
MW-4	Split	1/12/05	320	35	8.1	49	6.1
MW-4		4/12/05	130	33	< 2	20	8.9
MW-4	Dup	4/12/05	130	52	< 2	24	10
MW-4	Split	4/12/05	280	< 1200	< 120	< 380	8.7
MW-4		5/9/05	310	66	11	88	10
MW-4	Dup	5/9/05	320	77	11	90	11
MW-4		7/11/05	180	32	3.8	34.9	6.1
MW-4	Dup	7/11/05	170	40	3.3	38.7	7.8
MW-4	Split	7/11/05	0.69	< 1200	< 120	< 380	< 1
MW-4		8/9/05	270	41	< 10	69	8.3
MW-4	Dup	8/9/05	240	46	< 10	65	8.5
MW-4	Split	8/9/05	170	29	2.2	62	2.7
MW-4		1/10/06	270	< 2	6.5	71	8.8
MW-4	Dup	1/10/06	270	< 2	8	73	8.5
MW-4	Split	1/10/06	97	< 2	< 2	37	8.3
MW-4		3/12/07	220	< 2	7	67.2	9.8
MW-4	Dup.	3/12/07	200	< 2	6	55.9	7.6
MW-4	Split	3/12/07	172	< 0.25	6.73	69.28	0.0592
MW-4		10/1/08	110	< 2	< 2	33.7	6.2
MW-4	Dup	10/1/08	120	< 2	< 2	34.9	5
MW-4	Split	10/1/08	100	< 0.5	0.69	23.7	4.48
MW-4		3/16/09	81	< 2	< 2	17.3	9.2
MW-4	Dup	3/16/09	83	< 2	< 2	18.5	9.1
MW-4	Split	3/16/09	73	< 1	< 1	15.7	5.99
MW-6		12/14/04	< 1	< 2	< 2	< 2	0.054
MW-6	Dup	12/14/04	< 1	< 2	< 2	< 2	0.4
MW-6	Split	12/14/04	< 0.5	< 5	< 0.5	< 1.5	0.071
MW-6		6/8/05	1.3	< 2	< 2	< 2	0.18
MW-6	Dup	6/8/05	2.5	< 2	< 2	< 2	0.22
MW-6	Split	6/8/05	2.2	< 5	< 0.5	< 1.5	0.024
MW-6		9/12/05	2	< 2	< 2	< 2	0.12
MW-6	Dup	9/12/05	1.9	< 2	< 2	< 2	0.16
MW-6	Split	9/12/05	1.9	< 5	< 0.5	< 1.5	< 0.01
MW-6		11/8/05	3.7	< 2	< 2	< 2	0.17
MW-6	Dup	11/8/05	3.6	< 2	< 2	< 2	0.17
MW-6	Split	11/8/05	2.1	< 5	< 0.5	< 1.5	0.41
MW-6		2/14/06	< 0.5	< 1	< 1	< 2	0.15
MW-6	Dup	2/14/06	< 0.5	< 1	< 1	< 2	0.077
MW-6	Split	2/14/06	0.6	< 0.5	< 0.5	< 1	0.128
MW-6		4/12/06	1.1	< 2	< 2	< 2	0.046

Appendix D
 Summary of Historical QA/QC Samples
 Encana, West Divide Seep
 Garfield County, Colorado

Sample ID	Seq	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylene (ug/L)	Total Dissolved Methane (mg/L)
Colorado RBSLs			5	1000	680	10000	
MW-12		10/13/04	< 1	< 2	< 2	< 2	< 0.0008
MW-12	Dup	10/13/04	< 1	< 2	< 2	< 2	0.17
MW-12	Split	10/13/04	< 1	< 2	< 2	< 1.5	0.12
MW-12		3/15/06	< 1	< 2	< 2	< 2	1.6
MW-12	Dup	3/15/06	< 1	< 2	< 2	< 2	1.4
MW-12	Split	3/15/06	< 0.5	< 0.5	< 0.5	< 1	1.51
MW-16		3/8/05	6.1	< 2	< 2	< 2	0.83
MW-16	Dup	3/8/05	6.3	< 2	< 2	< 2	0.66
MW-16	Split	3/8/05	6.2	< 5	< 0.5	< 1.5	1.7
MW-18		12/8/05	< 1	< 2	< 2	< 2	0.76
MW-18	Dup	12/8/05	< 1	< 2	< 2	< 2	0.68
MW-18	Split2	12/8/05	< 0.5	< 5	< 0.5	< 1.5	0.8
MW-18		6/13/06	< 1	< 2	< 2	< 2	1.4
MW-18	Dup	6/13/06	< 1	< 2	< 2	< 2	1.2
MW-18	Split	6/13/06	< 0.5	< 0.5	< 0.5	< 1	1.46
MW-18		6/19/08	< 1	< 2	< 2	< 2	0.15
MW-18	Dup	6/19/08	< 1	< 2	< 2	< 2	0.013
MW-18	Split	6/19/08	< 1	< 1	< 1	< 3	NS
MW-22		3/9/05	< 1	< 2	< 2	< 2	0.0043
MW-22	Dup	3/9/05	< 1	< 2	< 2	< 2	0.0034
MW-22	Split2	3/9/05	< 0.5	< 5	< 0.5	< 1.5	< 0.01
MW-24		8/10/05	< 1	< 2	< 2	< 2	< 0.0008
MW-24	Dup	8/10/05	< 1	< 2	< 2	< 2	< 0.0008
MW-24	Split2	8/10/05	< 0.5	< 5	< 0.5	1.9	< 0.01
MW-24		11/9/05	< 1	< 2	< 2	< 2	< 0.0008
MW-24	Dup	11/9/05	< 1	< 2	< 2	< 2	< 0.0008
MW-24	Split2	11/9/05	< 0.5	< 5	< 0.5	< 1.5	< 0.01
MW-24		2/15/06	< 1	< 2	< 2	< 2	< 0.0008
MW-24	Dup	2/15/06	< 1	< 2	< 2	< 2	< 0.0008
MW-24	Split	2/15/06	< 0.5	< 0.5	< 0.5	< 1	< 0.0034
MW-24		12/6/06	< 1	< 2	< 2	< 2	< 0.0008
MW-24	DUP	12/6/06	< 1	< 2	< 2	< 2	< 0.0008
MW-24	Split	12/6/06	< 0.25	< 0.25	< 0.25	< 0.5	0.00028
MW-24		12/10/08	< 1	< 2	< 2	< 2	< 0.0008
MW-24	Dup	12/10/08	< 1	< 2	< 2	< 2	< 0.0008
MW-24	Split	12/10/08	< 1	< 1	< 1	< 1	< 0.001
MW-26		1/13/05	< 1	< 2	< 2	< 2	2.4
MW-26	Dup	1/13/05	< 1	< 2	< 2	< 2	2.1
MW-26	Split	1/13/05	< 0.5	< 5	< 0.5	< 1.5	0.5
MW-26		2/10/05	< 1	< 2	< 2	< 2	2.9

Appendix D
 Summary of Historical QA/QC Samples
 Encana, West Divide Seep
 Garfield County, Colorado

Sample ID	Seq	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylene (ug/L)	Total Dissolved Methane (mg/L)
Colorado RBSLs			5	1000	680	10000	
MW-26	Dup	2/10/05	< 1	< 2	< 2	< 2	3.2
MW-26	Split2	2/10/05	< 0.5	< 5	< 0.5	< 1.5	2.9
MW-26		4/13/05	< 1	< 2	< 2	< 2	3.3
MW-26	Dup	4/13/05	< 1	< 2	< 2	< 2	3.3
MW-26	Split2	4/13/05	< 0.5	< 5	< 0.5	< 1.5	3.7
MW-26		5/11/05	< 1	< 2	< 2	< 2	2.3
MW-26	Dup	5/11/05	< 1	< 2	< 2	< 2	2.1
MW-26	Split2	5/11/05	< 0.5	< 5	< 0.5	< 1.5	0.38
MW-26		9/13/05	< 1	< 2	< 2	< 2	0.97
MW-26	Dup	9/13/05	< 1	< 2	< 2	< 2	0.99
MW-26	Split2	9/13/05	< 0.5	< 5	< 0.5	< 1.5	1.5
MW-26		3/16/06	< 1	< 2	< 2	< 2	0.83
MW-26	Dup	3/16/06	< 1	< 2	< 2	< 2	0.79
MW-26	Split	3/16/06	< 0.25	< 0.25	< 0.25	< 0.5	0.000377
MW-26		4/12/06	< 1	< 2	< 2	< 2	0.45
MW-26	Dup	4/12/06	< 1	< 2	< 2	< 2	0.6
MW-26	Split	4/12/06	< 0.25	< 0.25	< 0.25	< 0.5	0.858
MW-26		5/11/06	< 1	< 2	< 2	< 2	0.75
MW-26	Dup	5/11/06	< 1	< 2	< 2	< 2	0.74
MW-26	Split	5/11/06	< 0.5	< 0.5	< 0.5	< 1	0.877
MW-26		6/13/06	< 1	< 2	< 2	< 2	0.63
MW-26	Dup	6/13/06	< 1	< 2	< 2	< 2	0.74
MW-26	Split	6/13/06	< 0.5	< 0.5	< 0.5	< 1	0.767
MW-26		12/6/06	< 1	< 2	< 2	< 2	1.1
MW-26	DUP	12/6/06	< 1	< 2	< 2	< 2	0.76
MW-26	Split	12/6/06	< 0.25	< 0.25	< 0.25	< 0.5	0.355
MW-26		6/17/08	< 1	< 2	< 2	< 2	0.55
MW-26	Dup	6/17/08	< 1	< 2	< 2	< 2	0.51
MW-26	Split	6/17/08	< 1	< 1	< 1	< 3	NS
MW-26		12/9/08	< 1	< 2	< 2	< 2	0.73
MW-26	Dup	12/9/08	< 1	< 2	< 2	< 2	0.79
MW-26	Split	12/9/08	< 1	< 1	< 1	< 1	0.145
E2		6/9/05	< 1	< 2	< 2	< 2	0.43
E2	Dup	6/9/05	< 1	< 2	< 2	< 2	0.51
E2	Split	6/9/05	< 0.5	< 5	< 0.5	< 1.5	0.13
E2		10/25/06	< 1	< 2	< 2	< 2	0.0061
E2	Dup	10/25/06	< 1	< 2	< 2	< 2	0.0098
E2	Split	10/25/06	< 0.25	< 0.25	< 0.25	< 0.5	0.00274

Bold - Indicates Value exceeds state standard
 ug/L = micrograms per liter
 mg/L = milligrams per liter
 < - below laborator reporting limit

NS - Not sampled
 Dup - Duplicate sample
 Split - Split sample
 Split2 - Split sample

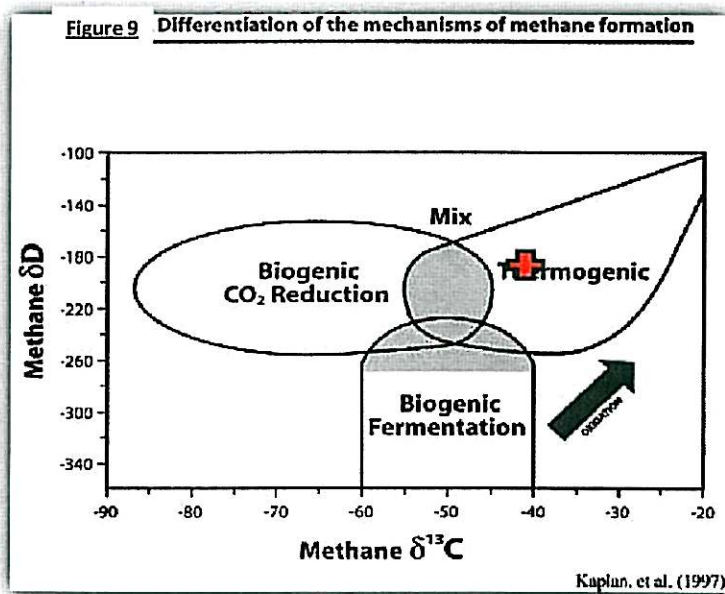
Appendix E

Thermogenic Methane Data

Appendix E - An Estimation of Thermogenic Methane Data for West Divide Creek Seep Study Area

Date	Site ID	Total Methane mg/L	Thermogenic Methane mg/L	$\delta^{13}C_1$	δDC_1	Comment
				per mil	per mil	
17-Sep-09	DCS2	0.0029	<0.0008			Hydrocarbon levels (including methane) too low for accurate analysis
16-Sep-09	MW2	7.5	5.7	-40.36	-181.9	Consistent with thermogenic (or mostly thermogenic) formation
16-Sep-09	MW4	8.1	6.1	-39.89	-188.3	Consistent with thermogenic (or mostly thermogenic) formation
16-Sep-09	MW9	6.6	4.4	-41.82	-205.2	Consistent with thermogenic (or mostly thermogenic) formation
16-Sep-09	MW14	5.7	3.7	-40.08	-195.8	Consistent with thermogenic (or mostly thermogenic) formation
16-Sep-09	MW17	4.2	2.3	-45.4	-202.4	Consistent with thermogenic (or mostly thermogenic) formation
16-Sep-09	MW23	<0.0008	<0.0008	-63.3	-172	Consistent with biogenic formation

- Hydrocarbon levels (including methane) too low for accurate analysis
 - Isotech data inconsistent with either thermogenic or biogenic formation
 - Consistent with biogenic formation
- All others consistent with thermogenic (or mostly thermogenic) formation
 Ratioed data and Raw data show more information regarding results



SiteID	Date	Seq	SampleName	Lab	LabNo	Ar	O2	CO2	N2	CO	H2S	He	H2	C1	C2	C2H4	C3	IC4	nC4
EICH1WW	29-Sep-08	0	EICH2WW	Isotech	146323	1.44	8.38	10.78	78.62	-999.9	-999.9	-999.9	-999.9	0.777	-999.9	-999.9	-999.9	-999.9	-999.9
EICH2WW	29-Sep-08	0	MW23	Isotech	146322	1.22	10.35	8.86	66.72	-999.9	-999.9	-999.9	-999.9	12.65	0.192	-999.9	0.013	-999.9	-999.9
EICH3WW	29-Sep-08	0	MW27	Isotech	146321	1.61	0.293	6.5	91.57	-999.9	-999.9	-999.9	-999.9	0.0248	-999.9	-999.9	-999.9	-999.9	-999.9
LANG4ST	29-Sep-08	0	DC52	Isotech	146325	1.22	29.71	0.73	68.17	0.086	-999.9	-999.9	-999.9	0.0799	-999.9	-999.9	-999.9	-999.9	-999.9
LANG5ST	29-Sep-08	0	DC53	Isotech	146324	1.26	29.83	0.93	67.64	0.074	-999.9	-999.9	-999.9	0.237	0.0224	-999.9	0.0084	-999.9	-999.9
LANG14WW	30-Sep-08	0	MW9	Isotech	146327	0.618	5.16	7	32.23	-999.9	-999.9	-999.9	-999.9	46.94	5.23	-999.9	1.92	0.32	0.358
LANG16WW	30-Sep-08	0	MW12	Isotech	146328	0.987	7.9	9.81	52.96	0.058	-999.9	-999.9	-999.9	25.2	3.09	-999.9	-999.9	-999.9	-999.9
LANG18WW	30-Sep-08	0	MW14	Isotech	146326	0.903	2.2	8.44	52.17	0.073	-999.9	-999.9	-999.9	30.95	3.58	-999.9	1.18	0.176	0.208
LANG20WW	30-Sep-08	0	MW16	Isotech	146329	1.23	7.91	1.43	75.25	0.1	-999.9	-999.9	-999.9	13.28	0.804	-999.9	-999.9	-999.9	-999.9
LANG21WW	30-Sep-08	0	MW17	Isotech	146330	1.05	0.015	7.04	59.98	-999.9	-999.9	-999.9	-999.9	28	3.39	-999.9	0.508	0.0069	0.0092
LANG11WW	01-Oct-08	0	MW2	Isotech	146331	0.439	6.87	3.78	27.08	-999.9	-999.9	-999.9	-999.9	52.22	6.95	-999.9	1.99	0.261	0.261
LANG12WW	01-Oct-08	0	MW4	Isotech	146332	0.392	5.9	2.21	20.95	-999.9	-999.9	-999.9	-999.9	59.1	7.51	-999.9	2.79	0.417	0.456

IC5	nC5	C6+	d13CQ2	d13C1	dDC1	d13C2	d13C3	DD	H2O	d18O	H2O	Tritium	d13C	DIc	C14	Helium dilution	SpGrav	BTU	Sample Description
-999.9	-999.9	-999.9	-88.8	-88.8	-88.8	-88.8	-88.8	-88.8	-88.8	-88.8	-88.8	-88.8	-88.8	-88.8	-88.8	0.78	1.041	8	
-999.9	-999.9	-999.9	-88.8	-65.09	-188.9	-26.82	-88.8	-88.8	-88.8	-88.8	-88.8	-88.8	-88.8	-88.8	-88.8	0.75	0.983	132	
-999.9	-999.9	-999.9	-88.8	-88.8	-88.8	-88.8	-88.8	-88.8	-88.8	-88.8	-88.8	-88.8	-88.8	-88.8	-88.8	0.79	1.01	0	
-999.9	-999.9	-999.9	-88.8	-88.8	-88.8	-88.8	-88.8	-88.8	-88.8	-88.8	-88.8	-88.8	-88.8	-88.8	-88.8	0.76	1.017	1	
-999.9	-999.9	-999.9	-88.8	-88.8	-88.8	-88.8	-88.8	-88.8	-88.8	-88.8	-88.8	-88.8	-88.8	-88.8	-88.8	0.77	1.018	3	
0.1	0.0557	0.0661	-88.8	-41.3	-189.3	-27.88	-25.65	-88.8	-88.8	-88.8	-88.8	-88.8	-88.8	-88.8	-88.8	0.69	0.847	649	
-999.9	-999.9	-999.9	-88.8	-38.57	-142.4	-23.72	-88.8	-88.8	-88.8	-88.8	-88.8	-88.8	-88.8	-88.8	-88.8	0.75	0.934	310	
0.0515	0.0327	0.033	-88.8	-39.88	-185.1	-27.79	-25.71	-88.8	-88.8	-88.8	-88.8	-88.8	-88.8	-88.8	-88.8	0.72	0.908	425	
-999.9	-999.9	-999.9	-88.8	-37.83	-169.7	-12.61	-88.8	-88.8	-88.8	-88.8	-88.8	-88.8	-88.8	-88.8	-88.8	0.76	0.937	149	
-999.9	-999.9	-999.9	-88.8	-44.14	-190.5	-28.06	-21.1	-88.8	-88.8	-88.8	-88.8	-88.8	-88.8	-88.8	-88.8	0.72	0.9	357	
0.0724	0.0331	0.0467	-88.8	-40.33	-168	-27.27	-25.17	-88.8	-88.8	-88.8	-88.8	-88.8	-88.8	-88.8	-88.8	0.67	0.808	727	
0.116	0.0696	0.0891	-88.8	-39.9	-185.8	-28.33	-25.94	-88.8	-88.8	-88.8	-88.8	-88.8	-88.8	-88.8	-88.8	0.68	0.779	844	

Isotech Gas Data

Job 12000
Project: 008-2067

Lab No.	Sample Name	Location	GC date	H ₂ S %	He %	H ₂ %	Ar %	O ₂ %	CO ₂ %	N ₂ %	CO %	C ₁ %	C ₂ %	C ₂ H ₄ %	C ₃ %	iC ₄ %	nC ₄ %	iC ₅ %	nC ₅ %	C ₆ + %	MS date	δ ¹³ C ₁ ‰	δ ¹³ C ₂ ‰	δ ¹³ C ₃ ‰	Specific Gravity	BTU	Helium dilution factor *	
171304	MMW-2	Divide Creek	10/6/2009	0	0	0	0	7.55	3.26	21.58	0	56.85	7.67	0	2.39	0.283	0.278	0.0716	0.0361	0.0262	10/10/2009	-40.36	-181.9	-27.7	-25.15	0.79	797	0.65
171305	MMW-4	Divide Creek	10/6/2009	0	0	0	0	1.26	3.20	18.90	0	64.51	8.22	0	2.90	0.386	0.418	0.0880	0.0577	0.0482	10/10/2009	-39.89	-188.3	-28.28	-25.84	0.75	909	0.68
171306	MMW-9	Divide Creek	10/6/2009	0	0	0	0	3.30	6.65	33.88	0	48.22	5.15	0	2.00	0.321	0.326	0.0852	0.0424	0.0262	10/10/2009	-41.82	-205.2	-28.24	-25.92	0.83	658	0.71
171307	MMW-14	Divide Creek	10/6/2009	0	0	0	0	1.11	9.57	42.09	0	40.84	4.37	0	1.48	0.207	0.228	0.0562	0.0376	0.0152	10/10/2009	-40.08	-195.8	-28.27	-25.54	0.87	548	0.72
171308	MMW-17	Divide Creek	10/6/2009	0	0	0	0	1.41	7.11	63.27	0	24.96	3.02	0	0.205	0.0116	0.0124	0	0	0	10/27/2009	-45.4	-202.4	-28.7	-21.8	0.91	312	0.73
171309	MMW-23	Divide Creek	10/6/2009	0	0	0	0	12.67	9.96	72.66	0	4.69	0.118	0	0	0	0	0	0	0	10/22/2009	-63.3	-172	-27.1	1.02	50	0.74	
171310	DCS-2	Divide Creek	10/6/2009	0	0	0	0	29.88	1.01	69.01	0.0760	0.0241	0	0	0	0	0	0	0	0	0	10/22/2009	-63.3	-172	-27.1	1.014	0	0.76

Chemical analysis based on standards accurate to within 2%

* Analysis is of gas extracted from water by headspace equilibration. Analysis has been corrected for helium added to create headspace.

* Addition of helium negates the ability to detect native helium or hydrogen.

**Isotopes obtained online via GC-C-IRMS

Lab #: 171304 Job #: 12000
 Sample Name: MW-2 Co. Lab#:
 Company: Cordilleran, Div. of Olsson Assoc.
 Date Sampled: 8/16/2009
 Container: Dissolved Gas Bottle
 Field/Site Name: Project: 008-2067
 Location: Divide Creek
 Formation/Depth:
 Sampling Point:
 Date Received: 9/22/2009 Date Reported: 10/27/2009

Component	Chemical mol. %	Delta 13C per mil	Delta D per mil	Delta 15N per mil
Carbon Monoxide -----	nd			
Hydrogen Sulfide -----	nd			
Helium -----	nd			
Hydrogen -----	nd			
Argon -----	na			
Oxygen + Argon -----	7.55			
Nitrogen -----	21.58			
Carbon Dioxide -----	3.26			
Methane -----	56.85	-40.36	-181.9	
Ethane -----	7.67	-27.70		
Ethylene -----	nd			
Propane -----	2.39	-25.15		
Iso-butane -----	0.293			
N-butane -----	0.278			
Iso-pentane -----	0.0716			
N-pentane -----	0.0361			
Hexanes + -----	0.0262			

Total BTU/cu.ft. dry @ 60deg F & 14.7psia, calculated: 797
 Specific gravity, calculated: 0.788

Remarks: Analysis is of gas extracted from water by headspace equilibration. Analysis has been corrected for helium added to create headspace. Helium dilution factor = 0.65
 *Addition of helium negates the ability to detect native helium or hydrogen.

nd = not detected. na = not analyzed. Isotopic composition of carbon is relative to VPDB. Isotopic composition of hydrogen is relative to VSMOW. Calculations for BTU and specific gravity per ASTM D3588. Chemical compositions are normalized to 100%. Mol. % is approximately equal to vol. %. Chemical analysis based on standards accurate to within 2%

Lab #: 171305 Job #: 12000
 Sample Name: MW-4 Co. Lab#:
 Company: Cordilleran, Div. of Olsson Assoc.
 Date Sampled: 9/16/2009
 Container: Dissolved Gas Bottle
 Field/Site Name: Project: 008-2067
 Location: Divide Creek
 Formation/Depth:
 Sampling Point:
 Date Received: 9/22/2009 Date Reported: 10/27/2009

Component	Chemical mol. %	Delta 13C per mil	Delta D per mil	Delta 15N per mil
Carbon Monoxide -----	nd			
Hydrogen Sulfide -----	nd			
Helium -----	nd			
Hydrogen -----	nd			
Argon -----	na			
Oxygen + Argon -----	1.26			
Nitrogen -----	18.90			
Carbon Dioxide -----	3.20			
Methane -----	64.51	-39.89	-188.3	
Ethane -----	8.22	-28.28		
Ethylene -----	nd			
Propane -----	2.90	-25.84		
Iso-butane -----	0.386			
N-butane -----	0.418			
Iso-pentane -----	0.0980			
N-pentane -----	0.0577			
Hexanes + -----	0.0482			

Total BTU/cu.ft. dry @ 60deg F & 14.7psia, calculated: 909
 Specific gravity, calculated: 0.754

Remarks: Analysis is of gas extracted from water by headspace equilibration. Analysis has been corrected for helium added to create headspace. Helium dilution factor = 0.68
 *Addition of helium negates the ability to detect native helium or hydrogen.

nd = not detected. na = not analyzed. Isotopic composition of carbon is relative to VPDB. Isotopic composition of hydrogen is relative to VSMOW. Calculations for BTU and specific gravity per ASTM D3588. Chemical compositions are normalized to 100%. Mol. % is approximately equal to vol. %. Chemical analysis based on standards accurate to within 2%

Lab #: 171306 Job #: 12000
 Sample Name: MW-9 Co. Lab#:
 Company: Cordilleran, Div. of Olsson Assoc.
 Date Sampled: 9/16/2009
 Container: Dissolved Gas Bottle
 Field/Site Name: Project: 008-2067
 Location: Divide Creek
 Formation/Depth:
 Sampling Point:
 Date Received: 9/22/2009 Date Reported: 10/27/2009

Component	Chemical mol. %	Delta 13C per mil	Delta D per mil	Delta 15N per mil
Carbon Monoxide -----	nd			
Hydrogen Sulfide -----	nd			
Helium -----	nd			
Hydrogen -----	nd			
Argon -----	na			
Oxygen + Argon -----	3.30			
Nitrogen -----	33.88			
Carbon Dioxide -----	6.65			
Methane -----	48.22	-41.82	-205.2	
Ethane -----	5.15	-28.24		
Ethylene -----	nd			
Propane -----	2.00	-25.92		
Iso-butane -----	0.321			
N-butane -----	0.326			
Iso-pentane -----	0.0852			
N-pentane -----	0.0424			
Hexanes + -----	0.0262			

Total BTU/cu.ft. dry @ 60deg F & 14.7psia, calculated: 658
 Specific gravity, calculated: 0.833

Remarks: Analysis is of gas extracted from water by headspace equilibration. Analysis has been corrected for helium added to create headspace. Helium dilution factor = 0.71
 *Addition of helium negates the ability to detect native helium or hydrogen.

nd = not detected. na = not analyzed. Isotopic composition of carbon is relative to VPDB. Isotopic composition of hydrogen is relative to VSMOW. Calculations for BTU and specific gravity per ASTM D3588. Chemical compositions are normalized to 100%. Mol. % is approximately equal to vol. %. Chemical analysis based on standards accurate to within 2%

Lab #: 171307 Job #: 12000
 Sample Name: MW-14 Co. Lab#:
 Company: Cordilleran, Div. of Olsson Assoc.
 Date Sampled: 9/16/2009
 Container: Dissolved Gas Bottle
 Field/Site Name: Project: 008-2067
 Location: Divide Creek
 Formation/Depth:
 Sampling Point:
 Date Received: 9/22/2009 Date Reported: 10/27/2009

Component	Chemical mol. %	Delta 13C per mil	Delta D per mil	Delta 15N per mil
Carbon Monoxide -----	nd			
Hydrogen Sulfide -----	nd			
Helium -----	nd			
Hydrogen -----	nd			
Argon -----	na			
Oxygen + Argon -----	1.11			
Nitrogen -----	42.09			
Carbon Dioxide -----	9.57			
Methane -----	40.84	-40.08	-195.8	
Ethane -----	4.37	-28.27		
Ethylene -----	nd			
Propane -----	1.48	-25.54		
Iso-butane -----	0.207			
N-butane -----	0.228			
Iso-pentane -----	0.0562			
N-pentane -----	0.0376			
Hexanes + -----	0.0152			

Total BTU/cu.ft. dry @ 60deg F & 14.7psia, calculated: 548
 Specific gravity, calculated: 0.870

Remarks: Analysis is of gas extracted from water by headspace equilibration. Analysis has been corrected for helium added to create headspace. Helium dilution factor = 0.72
 *Addition of helium negates the ability to detect native helium or hydrogen.

nd = not detected, na = not analyzed. Isotopic composition of carbon is relative to VPDB. Isotopic composition of hydrogen is relative to VSMOW. Calculations for BTU and specific gravity per ASTM D3588. Chemical compositions are normalized to 100%. Mol. % is approximately equal to vol. %. Chemical analysis based on standards accurate to within 2%

Lab #: 171308 Job #: 12000
 Sample Name: MW-17 Co. Lab#:
 Company: Cordilleran, Div. of Olsson Assoc.
 Date Sampled: 9/16/2009
 Container: Dissolved Gas Bottle
 Field/Site Name: Project: 008-2067
 Location: Divide Creek
 Formation/Depth:
 Sampling Point:
 Date Received: 9/22/2009 Date Reported: 10/27/2009

Component	Chemical mol. %	Delta 13C per mil	Delta D per mil	Delta 15N per mil
Carbon Monoxide -----	nd			
Hydrogen Sulfide -----	nd			
Helium -----	nd			
Hydrogen -----	nd			
Argon -----	na			
Oxygen + Argon -----	1.41			
Nitrogen -----	63.27			
Carbon Dioxide -----	7.11			
Methane -----	24.96	-45.40	-202.4	
Ethane -----	3.02	-28.69		
Ethylene -----	nd			
Propane -----	0.205	-21.79		
Iso-butane -----	0.0116			
N-butane -----	0.0124			
Iso-pentane -----	nd			
N-pentane -----	nd			
Hexanes + -----	nd			

Total BTU/cu.ft. dry @ 60deg F & 14.7psia, calculated: 312
 Specific gravity, calculated: 0.909

Remarks: Analysis is of gas extracted from water by headspace equilibration. Analysis has been corrected for helium added to create headspace. Helium dilution factor = 0.73
 *Addition of helium negates the ability to detect native helium or hydrogen.
 Ethane and propane isotopes obtained online via GC-C-IRMS

nd = not detected. na = not analyzed. Isotopic composition of carbon is relative to VPDB. Isotopic composition of hydrogen is relative to VSMOW. Calculations for BTU and specific gravity per ASTM D3588. Chemical compositions are normalized to 100%. Mol. % is approximately equal to vol. %. Chemical analysis based on standards accurate to within 2%

Lab #: 171309 Job #: 12000
 Sample Name: MW-23 Co. Lab#:
 Company: Cordilleran, Div. of Olsson Assoc.
 Date Sampled: 9/16/2009
 Container: Dissolved Gas Bottle
 Field/Site Name: Project: 008-2067
 Location: Divide Creek
 Formation/Depth:
 Sampling Point:
 Date Received: 9/22/2009 Date Reported: 10/27/2009

Component	Chemical mol. %	Delta 13C per mil	Delta D per mil	Delta 15N per mil
Carbon Monoxide -----	nd			
Hydrogen Sulfide -----	nd			
Helium -----	nd			
Hydrogen -----	nd			
Argon -----	na			
Oxygen + Argon -----	12.67			
Nitrogen -----	72.66			
Carbon Dioxide -----	9.86			
Methane -----	4.69	-63.33	-172.0	
Ethane -----	0.118	-27.08		
Ethylene -----	nd			
Propane -----	nd			
Iso-butane -----	nd			
N-butane -----	nd			
Iso-pentane -----	nd			
N-pentane -----	nd			
Hexanes + -----	nd			

Total BTU/cu.ft. dry @ 60deg F & 14.7psia, calculated: 50
 Specific gravity, calculated: 1.020

Remarks: Analysis is of gas extracted from water by headspace equilibration. Analysis has been corrected for helium added to create headspace. Helium dilution factor = 0.74
 *Addition of helium negates the ability to detect native helium or hydrogen.
 All isotopes obtained online via GC-C-IRMS

nd = not detected. na = not analyzed. Isotopic composition of carbon is relative to VPDB. Isotopic composition of hydrogen is relative to VSMOW. Calculations for BTU and specific gravity per ASTM D3588. Chemical compositions are normalized to 100%. Mol. % is approximately equal to vol. %. Chemical analysis based on standards accurate to within 2%

Lab #: 171310 Job #: 12000
 Sample Name: DCS-2 Co. Lab#:
 Company: Cordilleran, Div. of Olsson Assoc.
 Date Sampled: 9/17/2009
 Container: Dissolved Gas Bottle
 Field/Site Name: Project: 008-2067
 Location: Divide Creek
 Formation/Depth:
 Sampling Point:
 Date Received: 9/22/2009 Date Reported: 10/27/2009

Component	Chemical mol. %	Delta 13C per mil	Delta D per mil	Delta 15N per mil
Carbon Monoxide -----	0.076			
Hydrogen Sulfide -----	nd			
Helium -----	nd			
Hydrogen -----	nd			
Argon -----	na			
Oxygen + Argon -----	29.88			
Nitrogen -----	69.01			
Carbon Dioxide -----	1.01			
Methane -----	0.0241			
Ethane -----	nd			
Ethylene -----	nd			
Propane -----	nd			
Iso-butane -----	nd			
N-butane -----	nd			
Iso-pentane -----	nd			
N-pentane -----	nd			
Hexanes + -----	nd			

Total BTU/cu.ft. dry @ 60deg F & 14.7psia, calculated: 0
 Specific gravity, calculated: 1.014

Remarks: Analysis is of gas extracted from water by headspace equilibration. Analysis has been corrected for helium added to create headspace. Helium dilution factor = 0.76
 *Addition of helium negates the ability to detect native helium or hydrogen.

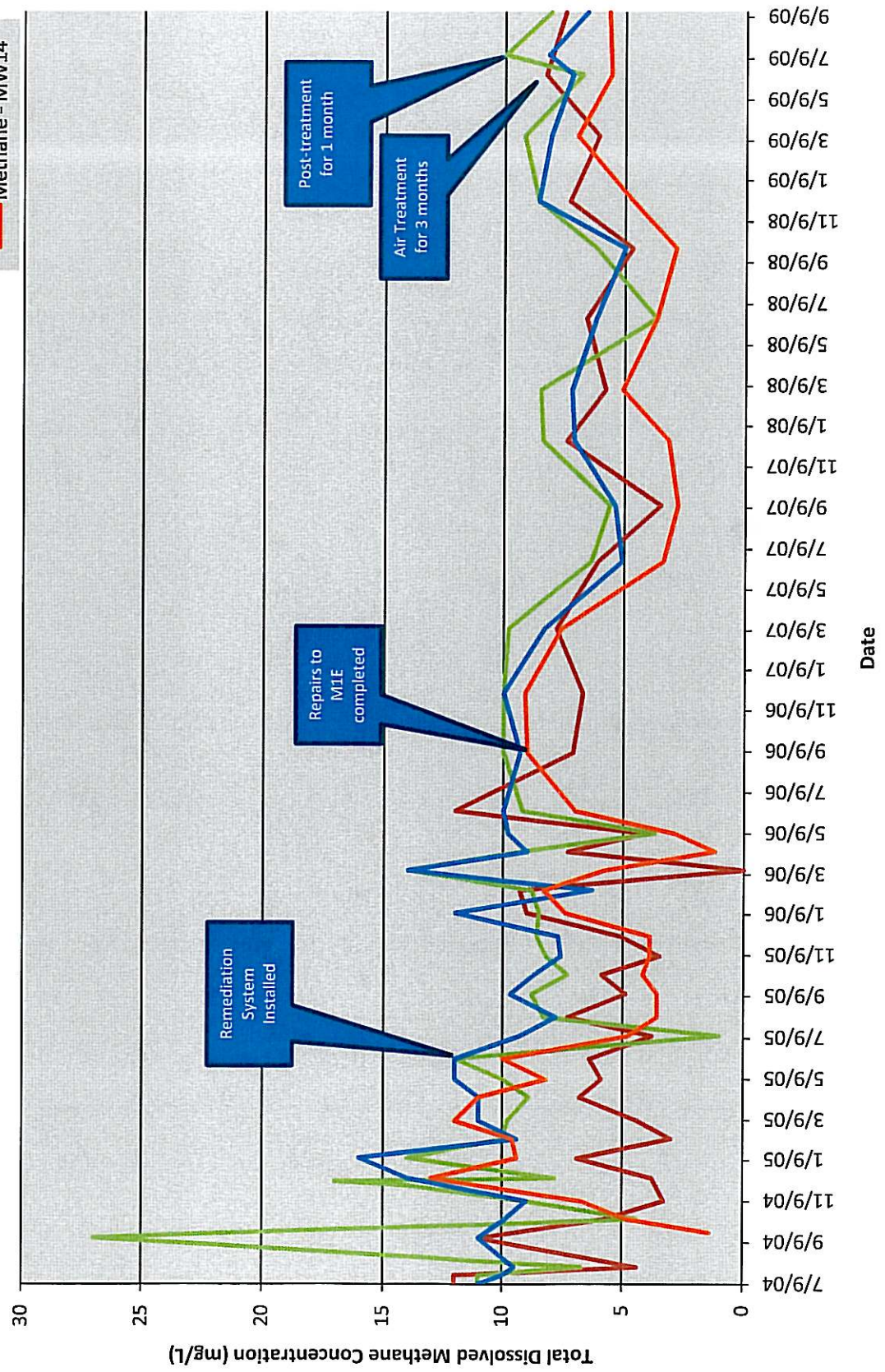
nd = not detected. na = not analyzed. Isotopic composition of carbon is relative to VPDB. Isotopic composition of hydrogen is relative to VSMOW. Calculations for BTU and specific gravity per ASTM D3588. Chemical compositions are normalized to 100%. Mol. % is approximately equal to vol. %. Chemical analysis based on standards accurate to within 2%

Appendix G

Graphs

West Divide Creek Total Dissolved Methane Concentrations MW2, MW4, MW9, and MW14

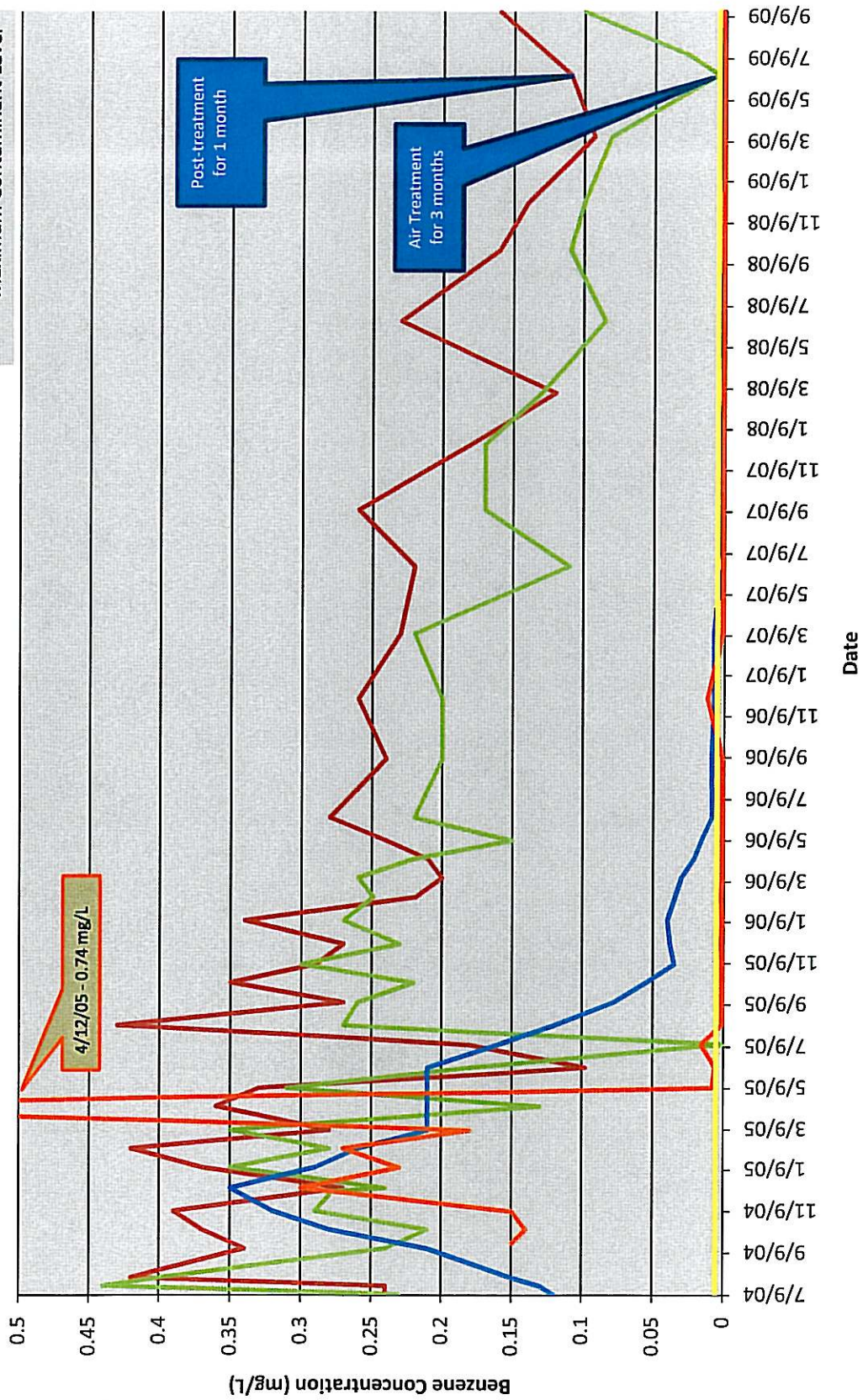
- Methane - MW2
- Methane - MW4
- Methane - MW9
- Methane - MW14



West Divide Creek

Benzene Concentrations
MW2, MW4, MW9, and MW14

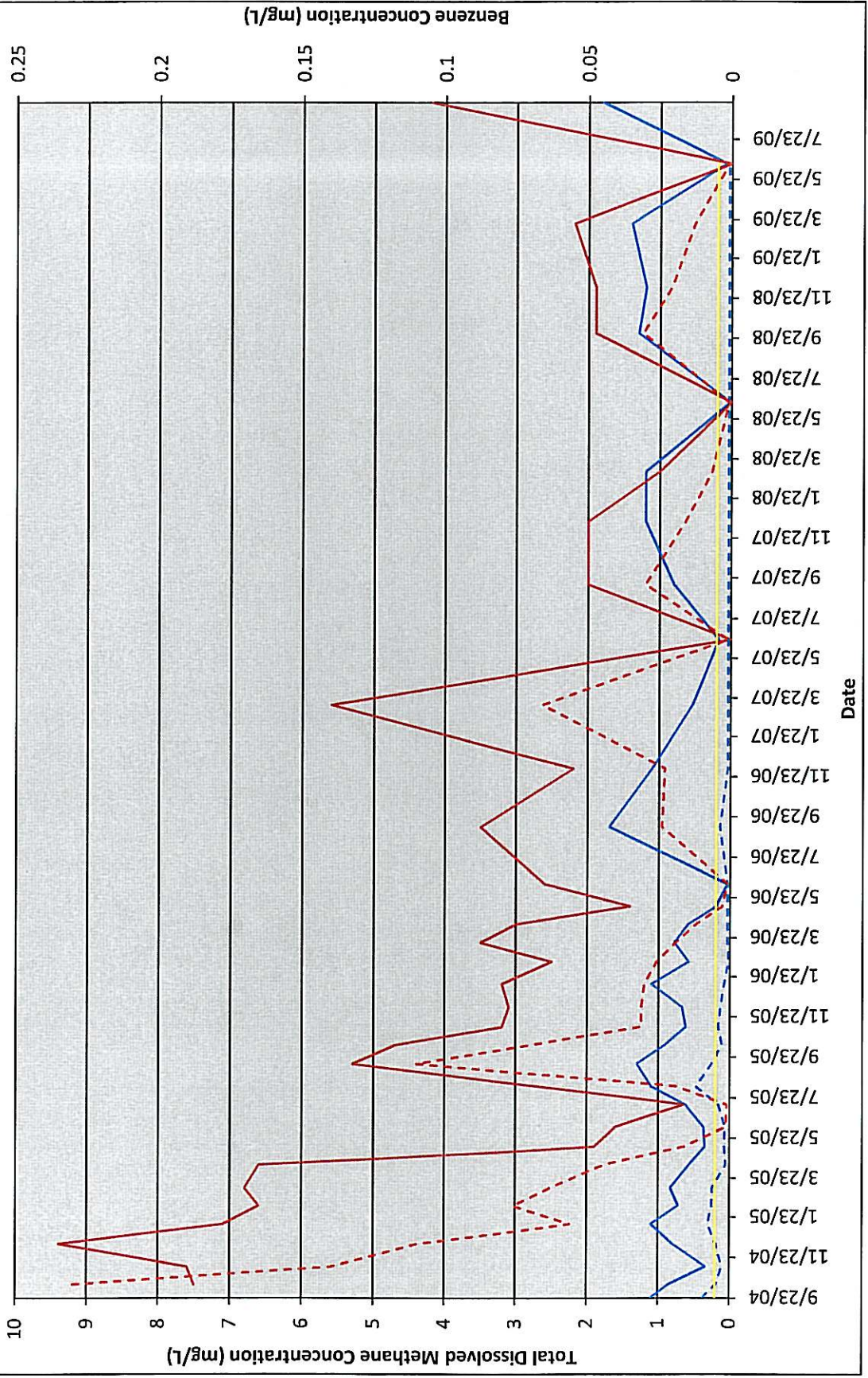
- Benzene - MW2
- Benzene - MW4
- Benzene - MW9
- Benzene - MW14
- Maximum Contaminant Level



West Divide Creek

Total Dissolved Methane Concentrations and Benzene Concentrations MW16 and MW17

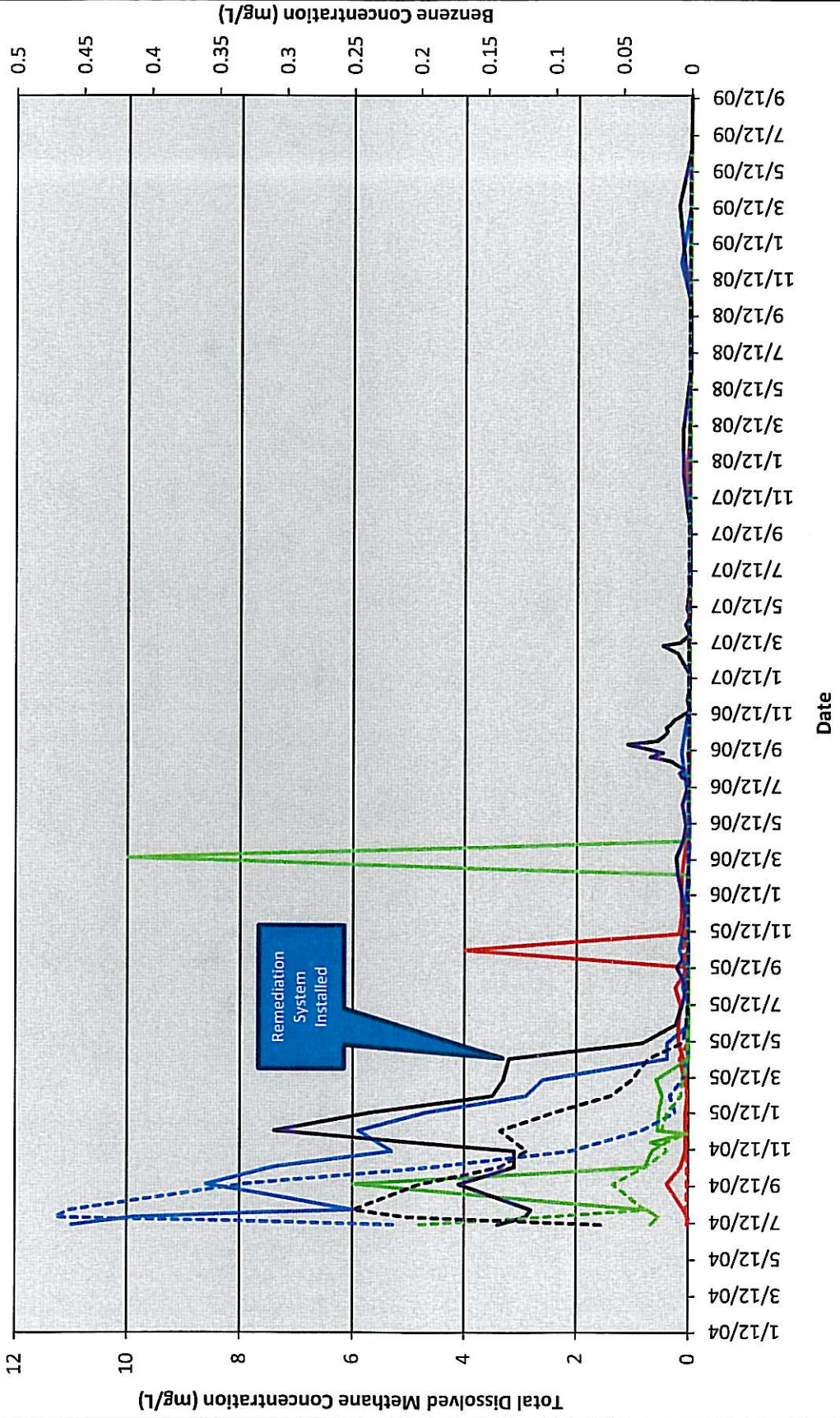
- Methane - MW16
- Methane - MW17
- Benzene - MW16
- Benzene - MW17
- Maximum Contaminant Level



West Divide Creek

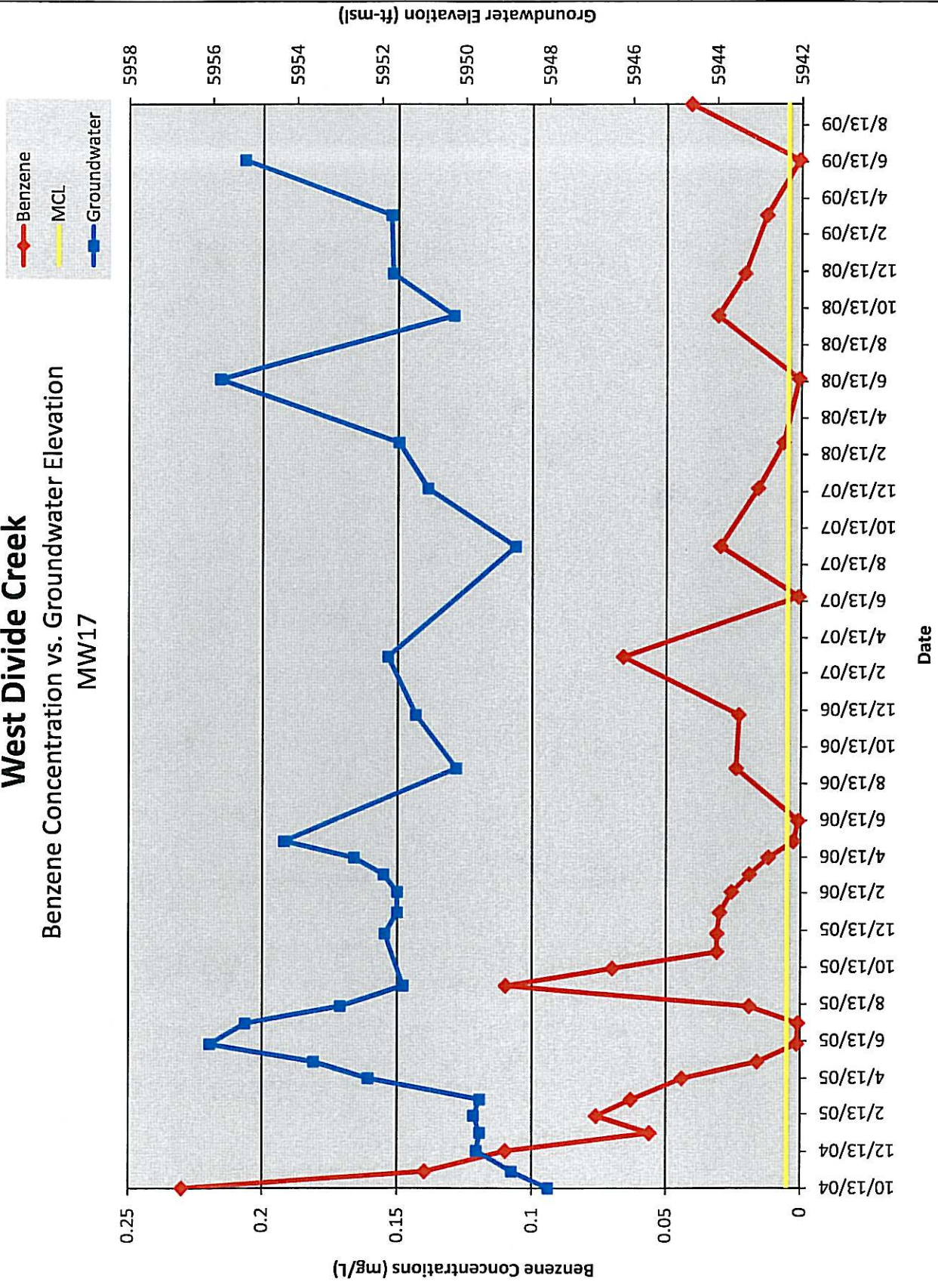
Total Dissolved Methane Concentrations MW1, MW6, MW7 and MW8

- Methane - MW1
- Methane - MW6
- Methane - MW7
- Methane - MW8
- Benzene - MW1
- Benzene - MW6
- Benzene - MW7
- Benzene - MW8



West Divide Creek

Benzene Concentration vs. Groundwater Elevation
MW17



Appendix F

Lab Reports

Evergreen Analytical Labs: report included as .pdf file on CD in back

Isotech Labs: report included as .pdf file on CD in back

001
WORK ORDER Summary **Evergreen Analytical, Inc.** **09-7465**

Rpt To: Stuart Hall
 Olsson Associates
 826 21 1/2 Road
 Grand Junction, CO 81505
 (970) 263-7800

Client Project ID:
 QC Level: LEVEL I

9/17/2009 2:53:37 PM

Comments:

Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Test Code	Test Name	Hold	M/S	Date Due	Hold Time
09-7465-01A	MW18	Water	9/16/09 0800	9/17/09	8021_w*	8021: BTEX	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	9/23/09
09-7465-01B	MW18	Water	9/16/09 0800	9/17/09	MEEP_w*	RSK175M: Methane	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	9/23/09
09-7465-01C	MW18	Water	9/16/09 0800	9/17/09	ANIONS_NonDW*	300.0: Anions by IC	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	9/18/09
09-7465-01D	MW18	Water	9/16/09 0800	9/17/09	6010_D**	6010: Dissolved Metals	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	3/15/10
09-7465-02A	MW21	Water	9/16/09 0825	9/17/09	8021_w*	8021: BTEX	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	9/23/09
09-7465-02B	MW21	Water	9/16/09 0825	9/17/09	MEEP_w*	RSK175M: Methane	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	9/23/09
09-7465-02C	MW21	Water	9/16/09 0825	9/17/09	ANIONS_NonDW*	300.0: Anions by IC	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	9/18/09
09-7465-02D	MW21	Water	9/16/09 0825	9/17/09	6010_D**	6010: Dissolved Metals	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	3/15/10
09-7465-03A	MW20	Water	9/16/09 0855	9/17/09	8021_w*	8021: BTEX	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	9/23/09
09-7465-03B	MW20	Water	9/16/09 0855	9/17/09	MEEP_w*	RSK175M: Methane	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	9/23/09
09-7465-03C	MW20	Water	9/16/09 0855	9/17/09	ANIONS_NonDW*	300.0: Anions by IC	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	9/18/09
09-7465-03D	MW20	Water	9/16/09 0855	9/17/09	6010_D**	6010: Dissolved Metals	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	3/15/10
09-7465-04A	MW22	Water	9/16/09 0930	9/17/09	8021_w*	8021: BTEX	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	9/23/09
09-7465-04B	MW22	Water	9/16/09 0930	9/17/09	MEEP_w*	RSK175M: Methane	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	9/23/09
09-7465-04C	MW22	Water	9/16/09 0930	9/17/09	ANIONS_NonDW*	300.0: Anions by IC	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	9/18/09
09-7465-04D	MW22	Water	9/16/09 0930	9/17/09	6010_D**	6010: Dissolved Metals	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	3/15/10
09-7465-05A	MW8	Water	9/16/09 1030	9/17/09	8021_w*	8021: BTEX	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	9/23/09
09-7465-05B	MW8	Water	9/16/09 1030	9/17/09	MEEP_w*	RSK175M: Methane	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	9/23/09
09-7465-05C	MW8	Water	9/16/09 1030	9/17/09	ANIONS_NonDW*	300.0: Anions by IC	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	9/18/09
09-7465-05D	MW8	Water	9/16/09 1030	9/17/09	6010_D**	6010: Dissolved Metals	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	3/15/10
09-7465-05E	MW8	Water	9/16/09 1030	9/17/09	ALK_WGRP**	Alkalinity	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	9/30/09

Definitions: * - Test Code has a Select List

Rpt To: Stuart Hall

Email To: shall@oacconsulting.com

Olsson Associates

826 21 1/2 Road

Grand Junction, CO 81505

(970) 263-7800

9/17/2009 2:53:37 PM

Client Project ID:

QC Level: LEVEL I

09-7465-06A	MW17	Water	9/16/09 1100	9/17/09	8021_w*	8021: BTEX	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	9/23/09
09-7465-06B	MW17	Water	9/16/09 1100	9/17/09	MEEP_w*	RSK175M: Methane	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	9/23/09
09-7465-06C	MW17	Water	9/16/09 1100	9/17/09	ANIONS_NonDW*	300.0: Anions by IC	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	9/18/09
09-7465-06D	MW17	Water	9/16/09 1100	9/17/09	6010_D*	6010: Dissolved Metals	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	3/15/10
09-7465-07A	MW16	Water	9/16/09 1130	9/17/09	8021_w*	8021: BTEX	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	9/23/09
09-7465-07B	MW16	Water	9/16/09 1130	9/17/09	MEEP_w*	RSK175M: Methane	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	9/23/09
09-7465-07C	MW16	Water	9/16/09 1130	9/17/09	ANIONS_NonDW*	300.0: Anions by IC	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	9/18/09
09-7465-07D	MW16	Water	9/16/09 1130	9/17/09	6010_D*	6010: Dissolved Metals	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	3/15/10
09-7465-08A	MW1	Water	9/16/09 1155	9/17/09	8021_w*	8021: BTEX	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	9/23/09
09-7465-08B	MW1	Water	9/16/09 1155	9/17/09	MEEP_w*	RSK175M: Methane	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	9/23/09
09-7465-08C	MW1	Water	9/16/09 1155	9/17/09	ANIONS_NonDW*	300.0: Anions by IC	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	9/18/09
09-7465-08D	MW1	Water	9/16/09 1155	9/17/09	6010_D*	6010: Dissolved Metals	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	3/15/10
09-7465-09A	MW2	Water	9/16/09 1220	9/17/09	8021_w*	8021: BTEX	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	9/23/09
09-7465-09B	MW2	Water	9/16/09 1220	9/17/09	MEEP_w*	RSK175M: Methane	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	9/23/09
09-7465-09C	MW2	Water	9/16/09 1220	9/17/09	ANIONS_NonDW*	300.0: Anions by IC	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	9/18/09
09-7465-09D	MW2	Water	9/16/09 1220	9/17/09	6010_D*	6010: Dissolved Metals	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	3/15/10
09-7465-10A	MW4	Water	9/16/09 1245	9/17/09	8021_w*	8021: BTEX	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	9/23/09
09-7465-10B	MW4	Water	9/16/09 1245	9/17/09	MEEP_w*	RSK175M: Methane	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	9/23/09
09-7465-10C	MW4	Water	9/16/09 1245	9/17/09	ANIONS_NonDW*	300.0: Anions by IC	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	9/18/09
09-7465-10D	MW4	Water	9/16/09 1245	9/17/09	6010_D*	6010: Dissolved Metals	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	3/15/10
09-7465-11A	MW6	Water	9/16/09 1315	9/17/09	8021_w*	8021: BTEX	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	9/23/09
09-7465-11B	MW6	Water	9/16/09 1315	9/17/09	MEEP_w*	RSK175M: Methane	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	9/23/09
09-7465-11C	MW6	Water	9/16/09 1315	9/17/09	ANIONS_NonDW*	300.0: Anions by IC	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	9/18/09

Definitions: * - Test Code has a Select List

003
WORK ORDER Summary

Evergreen Analytical, Inc.

09-7465

Rpt To: Stuart Hall
 Olsson Associates
 826 21 1/2 Road
 Grand Junction, CO 81505
 (970) 263-7800

Email To: shall@oacconsulting.com

9/17/2009 2:53:37 PM

Client Project ID:

QC Level: LEVEL I

09-7465-11D	MW6	Water	9/16/09 1315	9/17/09	6010_D *	6010: Dissolved Metals	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	3/15/10
09-7465-12A	MW7	Water	9/16/09 1340	9/17/09	8021_W *	8021: BTEX	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	9/23/09
09-7465-12B	MW7	Water	9/16/09 1340	9/17/09	MEEP_W *	RSK175M: Methane	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	9/23/09
09-7465-12C	MW7	Water	9/16/09 1340	9/17/09	ANIONS_NonDw *	300.0: Anions by IC	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	9/18/09
09-7465-12D	MW7	Water	9/16/09 1340	9/17/09	6010_D *	6010: Dissolved Metals	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	3/15/10
09-7465-13A	MW23	Water	9/16/09 1030	9/17/09	8021_W *	8021: BTEX	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	9/23/09
09-7465-13B	MW23	Water	9/16/09 1030	9/17/09	MEEP_W *	RSK175M: Methane	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	9/23/09
09-7465-13C	MW23	Water	9/16/09 1030	9/17/09	ANIONS_NonDw *	300.0: Anions by IC	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	9/18/09
09-7465-13D	MW23	Water	9/16/09 1030	9/17/09	6010_D *	6010: Dissolved Metals	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	3/15/10
09-7465-14A	MW27	Water	9/16/09 1100	9/17/09	8021_W *	8021: BTEX	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	9/23/09
09-7465-14B	MW27	Water	9/16/09 1100	9/17/09	MEEP_W *	RSK175M: Methane	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	9/23/09
09-7465-14C	MW27	Water	9/16/09 1100	9/17/09	ANIONS_NonDw *	300.0: Anions by IC	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	9/18/09
09-7465-14D	MW27	Water	9/16/09 1100	9/17/09	6010_D *	6010: Dissolved Metals	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	3/15/10
09-7465-15A	EICCH2WW	Water	9/16/09 1125	9/17/09	8021_W *	8021: BTEX	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	9/23/09
09-7465-15B	EICCH2WW	Water	9/16/09 1125	9/17/09	MEEP_W *	RSK175M: Methane	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	9/23/09
09-7465-15C	EICCH2WW	Water	9/16/09 1125	9/17/09	ANIONS_NonDw *	300.0: Anions by IC	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	9/18/09
09-7465-15D	EICCH2WW	Water	9/16/09 1125	9/17/09	6010_D *	6010: Dissolved Metals	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	3/15/10
09-7465-15E	EICCH2WW	Water	9/16/09 1125	9/17/09	ALK_WGRP *	Alkalinity	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	9/30/09
09-7465-16A	MW14	Water	9/16/09 1230	9/17/09	8021_W *	8021: BTEX	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	9/23/09
09-7465-16B	MW14	Water	9/16/09 1230	9/17/09	MEEP_W *	RSK175M: Methane	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	9/23/09
09-7465-16C	MW14	Water	9/16/09 1230	9/17/09	ANIONS_NonDw *	300.0: Anions by IC	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	9/18/09
09-7465-16D	MW14	Water	9/16/09 1230	9/17/09	6010_D *	6010: Dissolved Metals	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	3/15/10
09-7465-17A	MW9	Water	9/16/09 1245	9/17/09	8021_W *	8021: BTEX	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	9/23/09

Definitions: * - Test Code has a Select List

Rpt To: Stuart Hall
 Olsson Associates
 826 21 1/2 Road
 Grand Junction, CO 81505
 (970) 263-7800

Email To: shall@oaconsulting.com

9/17/2009 2:53:37 PM

Client Project ID:
 QC Level: LEVEL I

09-7465-17B	MW9	Water	9/16/09 1245	9/17/09	MEEP_w *	RSK175M: Methane	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	9/23/09
09-7465-17C	MW9	Water	9/16/09 1245	9/17/09	ANIONS_NonDW *	300.0: Anions by IC	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	9/18/09
09-7465-17D	MW9	Water	9/16/09 1245	9/17/09	6010_D *	6010: Dissolved Metals	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	3/15/10
09-7465-18A	MW12	Water	9/16/09 1325	9/17/09	8021_w *	8021: BTEX	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	9/23/09
09-7465-18B	MW12	Water	9/16/09 1325	9/17/09	MEEP_w *	RSK175M: Methane	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	9/23/09
09-7465-18C	MW12	Water	9/16/09 1325	9/17/09	ANIONS_NonDW *	300.0: Anions by IC	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	9/18/09
09-7465-18D	MW12	Water	9/16/09 1325	9/17/09	6010_D *	6010: Dissolved Metals	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	3/15/10
09-7465-19A	MW16D	Water	9/16/09 1130	9/17/09	8021_w *	8021: BTEX	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	9/23/09
09-7465-19B	MW16D	Water	9/16/09 1130	9/17/09	MEEP_w *	RSK175M: Methane	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	9/23/09
09-7465-19C	MW16D	Water	9/16/09 1130	9/17/09	ANIONS_NonDW *	300.0: Anions by IC	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	9/18/09
09-7465-19D	MW16D	Water	9/16/09 1130	9/17/09	6010_D *	6010: Dissolved Metals	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	3/15/10
09-7465-20A	MW23D	Water	9/16/09 1030	9/17/09	8021_w *	8021: BTEX	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	9/23/09
09-7465-20B	MW23D	Water	9/16/09 1030	9/17/09	MEEP_w *	RSK175M: Methane	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	9/23/09
09-7465-20C	MW23D	Water	9/16/09 1030	9/17/09	ANIONS_NonDW *	300.0: Anions by IC	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	9/18/09
09-7465-20D	MW23D	Water	9/16/09 1030	9/17/09	6010_D *	6010: Dissolved Metals	<input type="checkbox"/>	<input type="checkbox"/>	10/01/09	3/15/10

Definitions: * - Test Code has a Select List

CLIENT INFORMATION Evergreen Analytical, An Accutest Company

Mail Original Report to: Olsson Associates
 Atn: Stuart Hill
 Address: 826 2 1/2 Rd
 City: Grand Junction State: CO Zip: 81505
 Tel #: 970-263-7800 Fax #: 81505
 E-mail: shill@accutest.com
 4036 Youngfield St.
 Wheat Ridge, Colorado 80033
 (303) 425-6021
 FAX (303) 425-6854
 (877) 737-4521
 info@evergreenanalytical.com

REPORT ALSO BY FAX PDF EDD
 REPORT CHROMATOGRAMS NO
 Mail Invoice to: Olsson Associates
 Atn: Brad Stephenson
 Address: 4898 Telle Mountain Dr Ste 260
 City: Golden State: CO Zip: 80403
 Tel #: 303-237-2070 Fax # _____
 Project ID# _____
 P.O. Quote _____
 Sampler: Brad Stephenson/ Stuart Hill

Report Results by: _____ (Date)
 Standard 2 working weeks
 UST Analyses per Fee Schedule
 * Rush: less than 24 hrs, 150% 1-2 work days, 100%
 3-5 work days, 50% 6-9 work days, 25%
 * Subject to surcharge & exceptions noted in fee schedule.

CONFIRMATION OF SAMPLE RECEIPT REQUIRED? YES
 ANALYSES (check analysis)

SAMPLE IDENTIFICATION	DATE SAMPLED TIME	No. of Containers	MATRIX		TCLP VOA/BNA/Pest/Herb/Metals (circle)	Volatile Organics 8260/624 (circle)	Semi-volatile Organics BNA, PAH, PNA 8270/625 (circle)	Chlorinated Pesticides 8081/608 (circle)	Organophosphorous Pesticides 8270	PCBs/8082/608/screen (circle)	Herbicides 8151	BTX 8021/602/8260/MTBE (circle)	TVPH 8015mod. / 8260 (circle)	TEPH 8015mod. (Diesel)	Total Metals-DW / NPDES / SW846 (circle & list metals below)	Dissolved Metals - DW / SW846 (circle & list metals below)	Oil & Grease 1664 / 9071 (circle)	TRPH 418.1	Anions 300.0 (circle below)	Divide Crk Quarterly Grade	Cations	Anions	Cations		
			1) Drinking Water or 2) Discharge Water or 3) Ground Water (circle one)	Soil / Solid / Air / Gas																				Oil / Sludge / Wipe	
MW18	09/16/09 0800																								
MW21																									
MW20																									
MW22																									
MW8																									
MW17																									
MW16																									
MW1																									
MW2																									
MW3																									
MW4																									
MW5																									

Instructions: Anions - B, Carbonate, Carbamate, SO4, etc. Cations - Mg, Ca, K
 ** Important Note: See reverse side for Terms and Conditions.
 Anions: Bromide, Chloride, Nitrate, Nitrite, O-Phosphate, Sulfate (Circle)
 Per Labels

Relinquished by: (Signature) SB Date/Time 9/16/09 1645
 Received by: (Signature) _____ Date/Time _____
 Relinquished by: (Signature) _____ Date/Time _____
 Received by: (Signature) WJ Date/Time 9/17/09

For Laboratory Use Only
 WO # 04-7165
 B.O.F. # _____
 CIS (O) _____
 CIS (I) (C) (E) (F) (G)
 Temp: 49 / ice _____
 Seals Present 0 / N / NA _____
 Samples Pres: Y 0 / NA _____
 Headspace Y 0 / NA _____
 By: WJ / _____

AMS Sample

From: Patty McClellan
Sent: Thursday, September 17, 2009 8:58 AM
To: AMS Sample; Andrea Engelbrecht; Shea Greiner; Erin Holcombe; Margot Mosher
Subject: Incoming Olsson Divide Creek Samples

We will receive 20 samples this morning for Divide Creek. Stuart Hall called to clarify his COC. 2 of the samples will require "major ions". They are: Mg, Ca, K, Alk, carb/bi-carb, SO4, NO2, NO3.

Patty McClellan
Business Development Manager
Accutest Mountain States, Inc.
4036 Youngfield St.
Wheat Ridge, CO 80033-3862
303-425-6021 phone
303-425-6854 fax
1-877-737-4521 toll-free

Accutest - "The National Testing Laboratory with Total Performance you can count on"

This message is confidential and intended solely for the use of the addressee and may contain material protected by law. If you are not the intended recipient, you have received this in error and any use, dissemination, forwarding, printing or copying of this message is prohibited.

Lab Order: 09-7465

Client Project ID

CASE NARRATIVE

SAMPLE RECEIVING

Custody seals were present and intact.

The temperature of the sample(s) upon arrival was 4.9°C.

Sample(s) were received in good condition, in the proper container, and within holding times.

VOC sample(s) were received with no headspace present. NJO

QUALITY ASSURANCE (QA)

Analyses performed on samples in this work order by EAL meet the requirements of the EAL Quality Assurance Program unless otherwise explained. Analyses of RCRA samples meet the requirements of NELAC and Utah Rule R444-14 unless otherwise explained. TP

CLIENT SERVICES

The samples were logged in for BTEX, Methane, Chloride, and Dissolved Sodium per the bottle labels expect samples MW8 (09-7465-05) and EICH2WW (-15), which were logged in for additional analyses per verbal instructions from the client. There are no other anomalies to report. EH/JE

GENERAL CHEMISTRY

Method E300.0: Sample EICH2WW (09-7465-15) required a dilution due to matrix interference affecting Nitrate. This raised the reporting limit for Nitrate-N. Sample MW8 (-05) has a high conductivity level, which required dilution of the sample to avoid saturating the detector. This raised the reporting limit for Nitrate-N and Nitrite-N. There are no other anomalies to report. JML/MM/JE

METALS ANALYSIS

There are no anomalies to report. MB

GAS CHROMATOGRAPHY

Method 8021_W: There are no anomalies to report. LC

Method RSK175: There are no anomalies to report. AS

SUMMARY OF SAMPLE RESULTS

Evergreen Analytical, Inc.

4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client Sample ID: MW18
 Client Project ID:
 Date Collected: 9/16/09 0800
 Date Received: 9/17/09

Lab Work Order: 09-7465
 Lab Sample ID: 09-7465-01
 Sample Matrix: Water

Dissolved Metals	Method: SW6010B	Analyst: MAB		
	Result	LQL	DF	Units
Sodium	68	0.40	1	mg/L
Aromatic Volatile Organics	Method: SW8021B	Analyst: LC		
	Result	LQL	DF	Units
Benzene	U	1.0	1	µg/L
Ethylbenzene	U	2.0	1	µg/L
m,p-Xylene	U	2.0	1	µg/L
o-Xylene	U	2.0	1	µg/L
Toluene	U	2.0	1	µg/L
Anions by IC	Method: E300.0	Analyst: GH		
	Result	LQL	DF	Units
Chloride	4.9	0.50	1	mg/L
RSKSOP-175M Headspace	Method: RSKSOP175M	Analyst: AS		
	Result	LQL	DF	Units
Methane	U	0.00080	1	mg/L

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
 E - Extrapolated value. Value exceeds calibration range
 H - Sample analysis exceeded analytical holding time
 J - Indicates an estimated value when the compound is detected, but is below the LQL
 U - Compound analyzed for but not detected
 X - See case narrative
 * - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: NA - Not Applicable

SUMMARY OF SAMPLE RESULTS

Evergreen Analytical, Inc.

4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client Sample ID: MW21
Client Project ID:
Date Collected: 9/16/09 0825
Date Received: 9/17/09

Lab Work Order 09-7465
Lab Sample ID: 09-7465-02
Sample Matrix: Water

Dissolved Metals	Method: SW6010B			Analyst: MAB
	Result	LQL	DF	Units
Sodium	280	0.40	1	mg/L
Aromatic Volatile Organics	Method: SW8021B			Analyst: LC
	Result	LQL	DF	Units
Benzene	U	1.0	1	µg/L
Ethylbenzene	U	2.0	1	µg/L
m,p-Xylene	U	2.0	1	µg/L
o-Xylene	U	2.0	1	µg/L
Toluene	U	2.0	1	µg/L
Anions by IC	Method: E300.0			Analyst: GH
	Result	LQL	DF	Units
Chloride	18.6	0.50	1	mg/L
RSKSOP-175M Headspace	Method: RSKSOP175M			Analyst: AS
	Result	LQL	DF	Units
Methane	0.0020	0.00080	1	mg/L

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
E - Extrapolated value. Value exceeds calibration range
H - Sample analysis exceeded analytical holding time
J - Indicates an estimated value when the compound is detected, but is below the LQL
U - Compound analyzed for but not detected
X - See case narrative
* - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: NA - Not Applicable

Print Date: 10/1/2009

SUMMARY OF SAMPLE RESULTS

Evergreen Analytical, Inc.

4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client Sample ID: MW20
Client Project ID:
Date Collected: 9/16/09 0855
Date Received: 9/17/09

Lab Work Order 09-7465
Lab Sample ID: 09-7465-03
Sample Matrix: Water

Dissolved Metals	Method: SW6010B	Analyst: MAB		
	Result	LQL	DF	Units
Sodium	120	0.40	1	mg/L
Aromatic Volatile Organics	Method: SW8021B	Analyst: LC		
	Result	LQL	DF	Units
Benzene	U	1.0	1	µg/L
Ethylbenzene	U	2.0	1	µg/L
m,p-Xylene	U	2.0	1	µg/L
o-Xylene	U	2.0	1	µg/L
Toluene	U	2.0	1	µg/L
Anions by IC	Method: E300.0	Analyst: GH		
	Result	LQL	DF	Units
Chloride	24.8	0.50	1	mg/L
RSKSOP-175M Headspace	Method: RSKSOP175M	Analyst: AS		
	Result	LQL	DF	Units
Methane	U	0.00080	1	mg/L

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
E - Extrapolated value. Value exceeds calibration range
H - Sample analysis exceeded analytical holding time
J - Indicates an estimated value when the compound is detected, but is below the LQL
U - Compound analyzed for but not detected
X - See case narrative
* - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: NA - Not Applicable

Print Date: 10/1/2009

SUMMARY OF SAMPLE RESULTS

Evergreen Analytical, Inc.

4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client Sample ID: MW22
 Client Project ID:
 Date Collected: 9/16/09 0930
 Date Received: 9/17/09

Lab Work Order 09-7465
 Lab Sample ID: 09-7465-04
 Sample Matrix: Water

Dissolved Metals	Method: SW6010B	Analyst: MAB		
	Result	LQL	DF	Units
Sodium	170	0.40	1	mg/L
Aromatic Volatile Organics	Method: SW8021B	Analyst: LC		
	Result	LQL	DF	Units
Benzene	U	1.0	1	µg/L
Ethylbenzene	U	2.0	1	µg/L
m,p-Xylene	U	2.0	1	µg/L
o-Xylene	U	2.0	1	µg/L
Toluene	U	2.0	1	µg/L
Anions by IC	Method: E300.0	Analyst: GH		
	Result	LQL	DF	Units
Chloride	25.7	0.50	1	mg/L
RSKSOP-175M Headspace	Method: RSKSOP175M	Analyst: AS		
	Result	LQL	DF	Units
Methane	U	0.00080	1	mg/L

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
 E - Extrapolated value. Value exceeds calibration range
 H - Sample analysis exceeded analytical holding time
 J - Indicates an estimated value when the compound is detected, but is below the LQL
 U - Compound analyzed for but not detected
 X - See case narrative
 * - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: NA - Not Applicable

Print Date: 10/1/2009

SUMMARY OF SAMPLE RESULTS

Evergreen Analytical, Inc.

4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client Sample ID: MW8
Client Project ID:
Date Collected: 9/16/09 1030
Date Received: 9/17/09

Lab Work Order 09-7465
Lab Sample ID: 09-7465-05
Sample Matrix: Water

Dissolved Metals

Method: SW6010B

Analyst: MAB

	Result	LQL	DF	Units
Calcium	74	0.39	1	mg/L
Magnesium	26	0.15	1	mg/L
Potassium	1.8	0.34	1	mg/L
Sodium	190	0.40	1	mg/L

Aromatic Volatile Organics

Method: SW8021B

Analyst: LC

	Result	LQL	DF	Units
Benzene	U	1.0	1	µg/L
Ethylbenzene	U	2.0	1	µg/L
m,p-Xylene	U	2.0	1	µg/L
o-Xylene	U	2.0	1	µg/L
Toluene	U	2.0	1	µg/L

Alkalinity

Method: SM2320B

Analyst: CJ

	Result	LQL	DF	Units
Bicarbonate	512	5.0	1	µg/L CaCO ₃
Carbonate	U	5.0	1	µg/L CaCO ₃
Total Alkalinity	512	5.0	1	µg/L CaCO ₃

Anions by IC

Method: E300.0

Analyst: JL

	Result	LQL	DF	Units
Sulfate	79.0	2.5	5	mg/L
Chloride	33.5	1.0	2	mg/L
Nitrate-N	U	0.090	2	mg/L
Nitrite-N	U	0.12	2	mg/L

RSKSOP-175M Headspace

Method: RSKSOP175M

Analyst: AS

	Result	LQL	DF	Units
Methane	U	0.00080	1	mg/L

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
E - Extrapolated value. Value exceeds calibration range
H - Sample analysis exceeded analytical holding time
J - Indicates an estimated value when the compound is detected, but is below the LQL
U - Compound analyzed for but not detected
X - See case narrative
* - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: NA - Not Applicable

Print Date: 10/1/2009

SUMMARY OF SAMPLE RESULTS

Evergreen Analytical, Inc.

4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client Sample ID: MW17	Lab Work Order: 09-7465
Client Project ID:	Lab Sample ID: 09-7465-06
Date Collected: 9/16/09 1100	Sample Matrix: Water
Date Received: 9/17/09	

Dissolved Metals	Method: SW6010B	Analyst: MAB		
	Result	LQL	DF	Units
Sodium	260	0.40	1	mg/L
Aromatic Volatile Organics	Method: SW8021B	Analyst: LC		
	Result	LQL	DF	Units
Benzene	41	1.0	1	µg/L
Ethylbenzene	U	2.0	1	µg/L
m,p-Xylene	U	2.0	1	µg/L
o-Xylene	U	2.0	1	µg/L
Toluene	U	2.0	1	µg/L
Anions by IC	Method: E300.0	Analyst: GH		
	Result	LQL	DF	Units
Chloride	58.4	0.50	1	mg/L
RSKSOP-175M Headspace	Method: RSKSOP175M	Analyst: AS		
	Result	LQL	DF	Units
Methane	4.2	0.0080	10	mg/L

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
 E - Extrapolated value. Value exceeds calibration range
 H - Sample analysis exceeded analytical holding time
 J - Indicates an estimated value when the compound is detected, but is below the LQL
 U - Compound analyzed for but not detected
 X - See case narrative
 * - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: NA - Not Applicable

Print Date: 10/1/2009

SUMMARY OF SAMPLE RESULTS

Evergreen Analytical, Inc.

4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client Sample ID: MW16
Client Project ID:
Date Collected: 9/16/09 1130
Date Received: 9/17/09

Lab Work Order 09-7465
Lab Sample ID: 09-7465-07
Sample Matrix: Water

Dissolved Metals	Method: SW6010B			Analyst: MAB
	Result	LQL	DF	Units
Sodium	250	0.40	1	mg/L
Aromatic Volatile Organics	Method: SW8021B			Analyst: LC
	Result	LQL	DF	Units
Benzene	U	1.0	1	µg/L
Ethylbenzene	U	2.0	1	µg/L
m,p-Xylene	U	2.0	1	µg/L
o-Xylene	U	2.0	1	µg/L
Toluene	U	2.0	1	µg/L
Anions by IC	Method: E300.0			Analyst: GH
	Result	LQL	DF	Units
Chloride	43.3	0.50	1	mg/L
RSKSOP-175M Headspace	Method: RSKSOP175M			Analyst: AS
	Result	LQL	DF	Units
Methane	1.8	0.0040	5	mg/L

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
E - Extrapolated value. Value exceeds calibration range
H - Sample analysis exceeded analytical holding time
J - Indicates an estimated value when the compound is detected, but is below the LQL
U - Compound analyzed for but not detected
X - See case narrative
* - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: NA - Not Applicable

Print Date: 10/1/2009

SUMMARY OF SAMPLE RESULTS

Evergreen Analytical, Inc.

4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client Sample ID: MW1
 Client Project ID:
 Date Collected: 9/16/09 1155
 Date Received: 9/17/09

Lab Work Order 09-7465
 Lab Sample ID: 09-7465-08
 Sample Matrix: Water

Dissolved Metals	Method: SW6010B	Analyst: MAB
	Result	LQL
Sodium	240	0.40
	DF	Units
	1	mg/L
Aromatic Volatile Organics	Method: SW8021B	Analyst: LC
	Result	LQL
Benzene	U	1.0
Ethylbenzene	U	2.0
m,p-Xylene	U	2.0
o-Xylene	U	2.0
Toluene	U	2.0
	DF	Units
	1	µg/L
Anions by IC	Method: E300.0	Analyst: GH
	Result	LQL
Chloride	21.8	1.0
	DF	Units
	2	mg/L
RSKSOP-175M Headspace	Method: RSKSOP175M	Analyst: AS
	Result	LQL
Methane	0.0022	0.00080
	DF	Units
	1	mg/L

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
 E - Extrapolated value. Value exceeds calibration range
 H - Sample analysis exceeded analytical holding time
 J - Indicates an estimated value when the compound is detected, but is below the LQL
 U - Compound analyzed for but not detected
 X - See case narrative
 * - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: NA - Not Applicable

Print Date: 10/1/2009

SUMMARY OF SAMPLE RESULTS

Evergreen Analytical, Inc.

4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client Sample ID: MW2
 Client Project ID:
 Date Collected: 9/16/09 1220
 Date Received: 9/17/09

Lab Work Order: 09-7465
 Lab Sample ID: 09-7465-09
 Sample Matrix: Water

Dissolved Metals	Method: SW6010B	Analyst: MAB
	Result	LQL
	DF	Units
Sodium	130	0.40
	1	mg/L
Aromatic Volatile Organics	Method: SW8021B	Analyst: LC
	Result	LQL
	DF	Units
Benzene	160	1.0
Ethylbenzene	2.5	2.0
m,p-Xylene	17	2.0
o-Xylene	3.1	2.0
Toluene	U	2.0
	1	µg/L
Anions by IC	Method: E300.0	Analyst: GH
	Result	LQL
	DF	Units
Chloride	46.3	0.50
	1	mg/L
RSKSOP-175M Headspace	Method: RSKSOP175M	Analyst: AS
	Result	LQL
	DF	Units
Methane	7.5	0.016
	20	mg/L

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
 E - Extrapolated value. Value exceeds calibration range
 H - Sample analysis exceeded analytical holding time
 J - Indicates an estimated value when the compound is detected, but is below the LQL
 U - Compound analyzed for but not detected
 X - See case narrative
 * - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: NA - Not Applicable

SUMMARY OF SAMPLE RESULTS

Evergreen Analytical, Inc.

4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client Sample ID: MW4
 Client Project ID:
 Date Collected: 9/16/09 1245
 Date Received: 9/17/09

Lab Work Order 09-7465
 Lab Sample ID: 09-7465-10
 Sample Matrix: Water

Dissolved Metals	Method: SW6010B	Analyst: MAB		
	Result	LQL	DF	Units
Sodium	140	0.40	1	mg/L
Aromatic Volatile Organics	Method: SW8021B	Analyst: LC		
	Result	LQL	DF	Units
Benzene	100	1.0	1	µg/L
Ethylbenzene	3.7	2.0	1	µg/L
m,p-Xylene	28	2.0	1	µg/L
o-Xylene	4.9	2.0	1	µg/L
Toluene	U	2.0	1	µg/L
Anions by IC	Method: E300.0	Analyst: GH		
	Result	LQL	DF	Units
Chloride	37.0	0.50	1	mg/L
RSKSOP-175M Headspace	Method: RSKSOP175M	Analyst: AS		
	Result	LQL	DF	Units
Methane	8.1	0.016	20	mg/L

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
 E - Extrapolated value. Value exceeds calibration range
 H - Sample analysis exceeded analytical holding time
 J - Indicates an estimated value when the compound is detected, but is below the LQL
 U - Compound analyzed for but not detected
 X - See case narrative
 * - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: NA - Not Applicable

Print Date: 10/1/2009

SUMMARY OF SAMPLE RESULTS

Evergreen Analytical, Inc.

4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client Sample ID: MW6
Client Project ID:
Date Collected: 9/16/09 1315
Date Received: 9/17/09

Lab Work Order: 09-7465
Lab Sample ID: 09-7465-11
Sample Matrix: Water

Dissolved Metals	Method: SW6010B	Analyst: MAB		
	Result	LQL	DF	Units
Sodium	140	0.40	1	mg/L
Aromatic Volatile Organics	Method: SW8021B	Analyst: LC		
	Result	LQL	DF	Units
Benzene	U	1.0	1	µg/L
Ethylbenzene	U	2.0	1	µg/L
m,p-Xylene	U	2.0	1	µg/L
o-Xylene	U	2.0	1	µg/L
Toluene	U	2.0	1	µg/L
Anions by IC	Method: E300.0	Analyst: GH		
	Result	LQL	DF	Units
Chloride	20.5	0.50	1	mg/L
RSKSOP-175M Headspace	Method: RSKSOP175M	Analyst: AS		
	Result	LQL	DF	Units
Methane	0.0014	0.00080	1	mg/L

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
E - Extrapolated value. Value exceeds calibration range
H - Sample analysis exceeded analytical holding time
J - Indicates an estimated value when the compound is detected, but is below the LQL
U - Compound analyzed for but not detected
X - See case narrative
* - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: NA - Not Applicable

Print Date: 10/1/2009

SUMMARY OF SAMPLE RESULTS

Evergreen Analytical, Inc.

4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client Sample ID: MW7
 Client Project ID:
 Date Collected: 9/16/09 1340
 Date Received: 9/17/09

Lab Work Order 09-7465
 Lab Sample ID: 09-7465-12
 Sample Matrix: Water

Dissolved Metals	Method: SW6010B	Analyst: MAB
	Result	LQL
Sodium	160	0.40
	DF	Units
	1	mg/L
Aromatic Volatile Organics	Method: SW8021B	Analyst: LC
	Result	LQL
Benzene	U	1.0
Ethylbenzene	U	2.0
m,p-Xylene	U	2.0
o-Xylene	U	2.0
Toluene	U	2.0
	DF	Units
	1	µg/L
Anions by IC	Method: E300.0	Analyst: GH
	Result	LQL
Chloride	23.5	1.0
	DF	Units
	2	mg/L
RSKSOP-175M Headspace	Method: RSKSOP175M	Analyst: AS
	Result	LQL
Methane	0.0028	0.00080
	DF	Units
	1	mg/L

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
 E - Extrapolated value. Value exceeds calibration range
 H - Sample analysis exceeded analytical holding time
 J - Indicates an estimated value when the compound is detected, but is below the LQL
 U - Compound analyzed for but not detected
 X - See case narrative
 * - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: NA - Not Applicable

SUMMARY OF SAMPLE RESULTS

Evergreen Analytical, Inc.

4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client Sample ID: MW23
Client Project ID:
Date Collected: 9/16/09 1030
Date Received: 9/17/09

Lab Work Order 09-7465
Lab Sample ID: 09-7465-13
Sample Matrix: Water

Dissolved Metals		Method: SW6010B			Analyst: MAB
	Result	LQL	DF	Units	
Sodium	430	0.40	1	mg/L	
Aromatic Volatile Organics		Method: SW8021B			Analyst: LC
	Result	LQL	DF	Units	
Benzene	U	1.0	1	µg/L	
Ethylbenzene	U	2.0	1	µg/L	
m,p-Xylene	U	2.0	1	µg/L	
o-Xylene	U	2.0	1	µg/L	
Toluene	U	2.0	1	µg/L	
Anions by IC		Method: E300.0			Analyst: GH
	Result	LQL	DF	Units	
Chloride	52.6	1.0	2	mg/L	
RSKSOP-175M Headspace		Method: RSKSOP175M			Analyst: AS
	Result	LQL	DF	Units	
Methane	U	0.00080	1	mg/L	

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
E - Extrapolated value. Value exceeds calibration range
H - Sample analysis exceeded analytical holding time
J - Indicates an estimated value when the compound is detected, but is below the LQL
U - Compound analyzed for but not detected
X - See case narrative
* - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: NA - Not Applicable

Print Date: 10/1/2009

SUMMARY OF SAMPLE RESULTS

Evergreen Analytical, Inc.

4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client Sample ID: MW27
Client Project ID:
Date Collected: 9/16/09 1100
Date Received: 9/17/09

Lab Work Order 09-7465
Lab Sample ID: 09-7465-14
Sample Matrix: Water

Dissolved Metals	Method: SW6010B	Analyst: MAB		
	Result	LQL	DF	Units
Sodium	350	0.40	1	mg/L
Aromatic Volatile Organics	Method: SW8021B	Analyst: LC		
	Result	LQL	DF	Units
Benzene	U	1.0	1	µg/L
Ethylbenzene	U	2.0	1	µg/L
m,p-Xylene	U	2.0	1	µg/L
o-Xylene	U	2.0	1	µg/L
Toluene	U	2.0	1	µg/L
Anions by IC	Method: E300.0	Analyst: GH		
	Result	LQL	DF	Units
Chloride	31.3	1.0	2	mg/L
RSKSOP-175M Headspace	Method: RSKSOP175M	Analyst: AS		
	Result	LQL	DF	Units
Methane	0.0015	0.00080	1	mg/L

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
E - Extrapolated value. Value exceeds calibration range
H - Sample analysis exceeded analytical holding time
J - Indicates an estimated value when the compound is detected, but is below the LQL
U - Compound analyzed for but not detected
X - See case narrative
* - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: NA - Not Applicable

Print Date: 10/1/2009

SUMMARY OF SAMPLE RESULTS

Evergreen Analytical, Inc.

4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client Sample ID: EICH2WW
Client Project ID:
Date Collected: 9/16/09 1125
Date Received: 9/17/09

Lab Work Order 09-7465
Lab Sample ID: 09-7465-15
Sample Matrix: Water

Dissolved Metals	Method: SW6010B			Analyst: MAB
	Result	LQL	DF	Units
Calcium	74	0.39	1	mg/L
Magnesium	35	0.15	1	mg/L
Potassium	3.0	0.34	1	mg/L
Sodium	84	0.40	1	mg/L
Aromatic Volatile Organics	Method: SW8021B			Analyst: LC
	Result	LQL	DF	Units
Benzene	U	1.0	1	µg/L
Ethylbenzene	U	2.0	1	µg/L
m,p-Xylene	U	2.0	1	µg/L
o-Xylene	U	2.0	1	µg/L
Toluene	U	2.0	1	µg/L
Alkalinity	Method: SM2320B			Analyst: CJ
	Result	LQL	DF	Units
Bicarbonate	442	5.0	1	µg/L CaCO ₃
Carbonate	U	5.0	1	µg/L CaCO ₃
Total Alkalinity	442	5.0	1	µg/L CaCO ₃
Anions by IC	Method: E300.0			Analyst: JL
	Result	LQL	DF	Units
Nitrate-N	U	0.090	2	mg/L
Chloride	9.37	0.50	1	mg/L
Nitrite-N	U	0.061	1	mg/L
Sulfate	25.9	0.50	1	mg/L
RSKSOP-175M Headspace	Method: RSKSOP175M			Analyst: AS
	Result	LQL	DF	Units
Methane	0.10	0.00080	1	mg/L

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
E - Extrapolated value. Value exceeds calibration range
H - Sample analysis exceeded analytical holding time
J - Indicates an estimated value when the compound is detected, but is below the LQL
U - Compound analyzed for but not detected
X - See case narrative
* - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: NA - Not Applicable

Print Date: 10/1/2009

SUMMARY OF SAMPLE RESULTS

Evergreen Analytical, Inc.

4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client Sample ID: MW14
Client Project ID:
Date Collected: 9/16/09 1230
Date Received: 9/17/09

Lab Work Order: 09-7465
Lab Sample ID: 09-7465-16
Sample Matrix: Water

Dissolved Metals	Method: SW6010B	Analyst: MAB		
	Result	LQL	DF	Units
Sodium	49	0.40	1	mg/L
Aromatic Volatile Organics	Method: SW8021B	Analyst: LC		
	Result	LQL	DF	Units
Benzene	1.9	1.0	1	µg/L
Ethylbenzene	U	2.0	1	µg/L
m,p-Xylene	U	2.0	1	µg/L
o-Xylene	U	2.0	1	µg/L
Toluene	U	2.0	1	µg/L
Anions by IC	Method: E300.0	Analyst: GH		
	Result	LQL	DF	Units
Chloride	18.9	0.50	1	mg/L
RSKSOP-175M Headspace	Method: RSKSOP175M	Analyst: AS		
	Result	LQL	DF	Units
Methane	5.7	0.0080	10	mg/L

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
E - Extrapolated value. Value exceeds calibration range
H - Sample analysis exceeded analytical holding time
J - Indicates an estimated value when the compound is detected, but is below the LQL
U - Compound analyzed for but not detected
X - See case narrative
* - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: NA - Not Applicable

Print Date: 10/1/2009

SUMMARY OF SAMPLE RESULTS

Evergreen Analytical, Inc.

4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client Sample ID: MW9
Client Project ID:
Date Collected: 9/16/09 1245
Date Received: 9/17/09

Lab Work Order 09-7465
Lab Sample ID: 09-7465-17
Sample Matrix: Water

Dissolved Metals	Method: SW6010B			Analyst: MAB
	Result	LQL	DF	Units
Sodium	53	0.40	1	mg/L
Aromatic Volatile Organics	Method: SW8021B			Analyst: LC
	Result	LQL	DF	Units
Benzene	1.3	1.0	1	µg/L
Ethylbenzene	U	2.0	1	µg/L
m,p-Xylene	U	2.0	1	µg/L
o-Xylene	U	2.0	1	µg/L
Toluene	U	2.0	1	µg/L
Anions by IC	Method: E300.0			Analyst: GH
	Result	LQL	DF	Units
Chloride	23.4	0.50	1	mg/L
RSKSOP-175M Headspace	Method: RSKSOP175M			Analyst: AS
	Result	LQL	DF	Units
Methane	6.6	0.0080	10	mg/L

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
E - Extrapolated value. Value exceeds calibration range
H - Sample analysis exceeded analytical holding time
J - Indicates an estimated value when the compound is detected, but is below the LQL
U - Compound analyzed for but not detected
X - See case narrative
* - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: NA - Not Applicable

Print Date: 10/1/2009

SUMMARY OF SAMPLE RESULTS

Evergreen Analytical, Inc.

4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client Sample ID: MW12
Client Project ID:
Date Collected: 9/16/09 1325
Date Received: 9/17/09

Lab Work Order 09-7465
Lab Sample ID: 09-7465-18
Sample Matrix: Water

Dissolved Metals	Method: SW6010B			Analyst: MAB
	Result	LQL	DF	Units
Sodium	100	0.40	1	mg/L
Aromatic Volatile Organics	Method: SW8021B			Analyst: LC
	Result	LQL	DF	Units
Benzene	1.0	1.0	1	µg/L
Ethylbenzene	U	2.0	1	µg/L
m,p-Xylene	U	2.0	1	µg/L
o-Xylene	U	2.0	1	µg/L
Toluene	U	2.0	1	µg/L
Anions by IC	Method: E300.0			Analyst: GH
	Result	LQL	DF	Units
Chloride	23.8	0.50	1	mg/L
RSKSOP-175M Headspace	Method: RSKSOP175M			Analyst: AS
	Result	LQL	DF	Units
Methane	3.7	0.0080	10	mg/L

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
E - Extrapolated value. Value exceeds calibration range
H - Sample analysis exceeded analytical holding time
J - Indicates an estimated value when the compound is detected, but is below the LQL
U - Compound analyzed for but not detected
X - See case narrative
* - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: NA - Not Applicable

Print Date: 10/1/2009

SUMMARY OF SAMPLE RESULTS

Evergreen Analytical, Inc.

4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client Sample ID: MW16D
Client Project ID:
Date Collected: 9/16/09 1130
Date Received: 9/17/09

Lab Work Order: 09-7465
Lab Sample ID: 09-7465-19
Sample Matrix: Water

Dissolved Metals	Method: SW6010B	Analyst: MAB
	Result LQL DF	Units
Sodium	240 0.40 1	mg/L
Aromatic Volatile Organics	Method: SW8021B	Analyst: LC
	Result LQL DF	Units
Benzene	U 1.0 1	µg/L
Ethylbenzene	U 2.0 1	µg/L
m,p-Xylene	U 2.0 1	µg/L
o-Xylene	U 2.0 1	µg/L
Toluene	U 2.0 1	µg/L
Anions by IC	Method: E300.0	Analyst: GH
	Result LQL DF	Units
Chloride	45.5 1.0 2	mg/L
RSKSOP-175M Headspace	Method: RSKSOP175M	Analyst: AS
	Result LQL DF	Units
Methane	1.5 0.0040 5	mg/L

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
E - Extrapolated value. Value exceeds calibration range
H - Sample analysis exceeded analytical holding time
J - Indicates an estimated value when the compound is detected, but is below the LQL
U - Compound analyzed for but not detected
X - See case narrative
* - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: NA - Not Applicable

Print Date: 10/1/2009

SUMMARY OF SAMPLE RESULTS

Evergreen Analytical, Inc.

4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client Sample ID: MW23D
 Client Project ID:
 Date Collected: 9/16/09 1030
 Date Received: 9/17/09

Lab Work Order: 09-7465
 Lab Sample ID: 09-7465-20
 Sample Matrix: Water

Dissolved Metals Method: SW6010B Analyst: MAB

	Result	LQL	DF	Units
Sodium	450	0.40	1	mg/L

Aromatic Volatile Organics

Method: SW8021B Analyst: LC

	Result	LQL	DF	Units
Benzene	U	1.0	1	µg/L
Ethylbenzene	U	2.0	1	µg/L
m,p-Xylene	U	2.0	1	µg/L
o-Xylene	U	2.0	1	µg/L
Toluene	U	2.0	1	µg/L

Anions by IC

Method: E300.0 Analyst: GH

	Result	LQL	DF	Units
Chloride	50.8	1.0	2	mg/L

RSKSOP-175M Headspace

Method: RSKSOP175M Analyst: AS

	Result	LQL	DF	Units
Methane	0.0011	0.00080	1	mg/L

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
 E - Extrapolated value. Value exceeds calibration range
 H - Sample analysis exceeded analytical holding time
 J - Indicates an estimated value when the compound is detected, but is below the LQL
 U - Compound analyzed for but not detected
 X - See case narrative
 * - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: NA - Not Applicable

Evergreen Analytical, Inc.
 4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
 (303) 425-6021

Client Sample ID: MW18
Client Project ID:
Date Collected: 9/16/2009
Date Received: 9/17/2009

Lab Work Order: 09-7465
Lab Sample ID: 09-7465-01A
Sample Matrix: Water

AROMATIC VOLATILE ORGANICS

Method: SW8021B

Prep Method: SW5030B

Date Prepared: 9/17/2009

Lab File ID: TA2311.D\FID1A.CH

Dilution Factor: 1

Date Analyzed: 9/18/2009

Method Blank: MB2091709-2

Analytes	CAS Number	Result	LQL	Units
Benzene	71-43-2	U	1.0	µg/L
Toluene	108-88-3	U	2.0	µg/L
Ethylbenzene	100-41-4	U	2.0	µg/L
m,p-Xylene	1330-20-7	U	2.0	µg/L
o-Xylene	95-47-6	U	2.0	µg/L
Surr: 1,2,4-Trichlorobenzene (S)	120-82-1	108	QC Limits: 60-140	%REC



 Analyst



 Approved

Notes: Total Xylenes consist of three isomers, two of which co-elute. The Xylene RL is for a single peak. Confirmation analysis was not performed.

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
 E - Extrapolated value. Value exceeds calibration range
 H - Sample analysis exceeded analytical holding time
 J - Indicates an estimated value when the compound is detected, but is below the LQL
 S - Spike Recovery outside accepted limits
 U - Compound analyzed for but not detected
 X - See case narrative
 * - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: LQL - Lower Quantitation Limit
 Surr - Surrogate

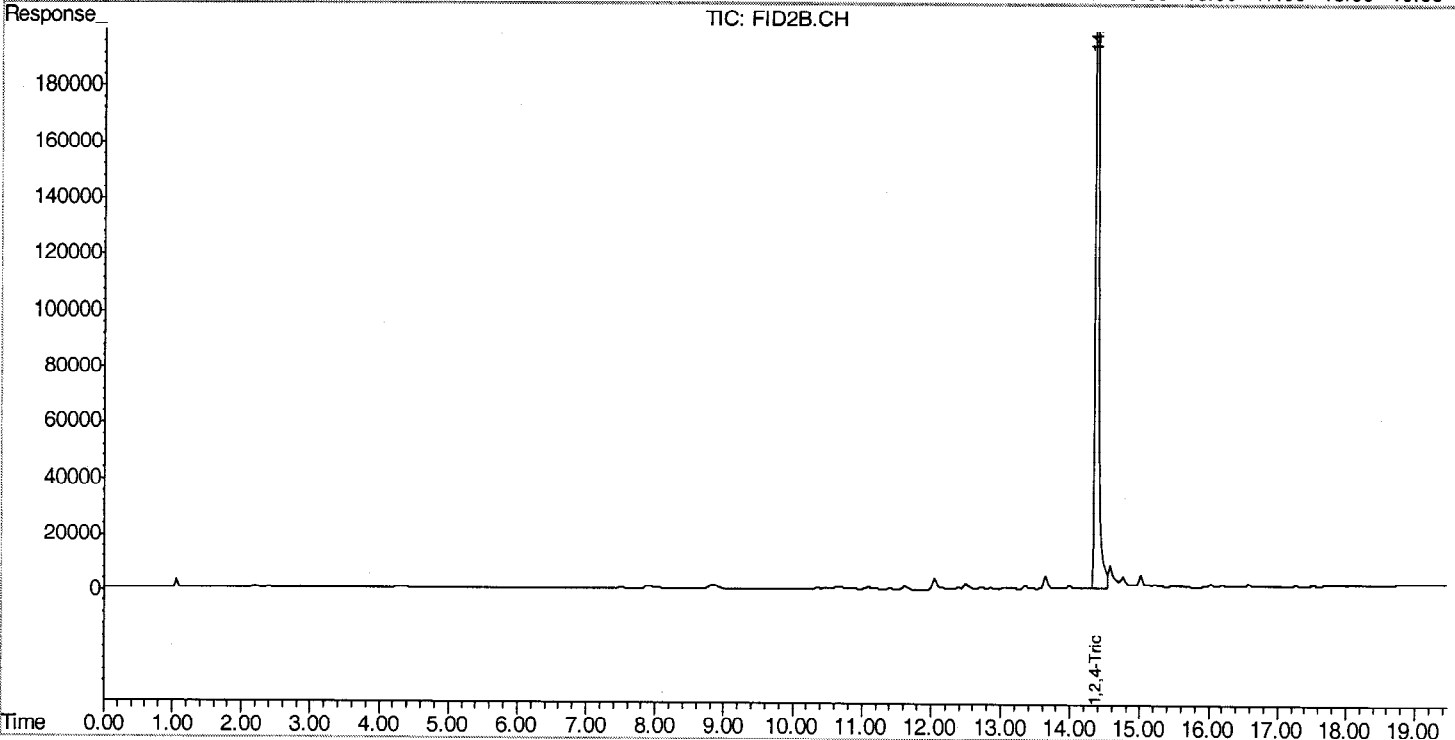
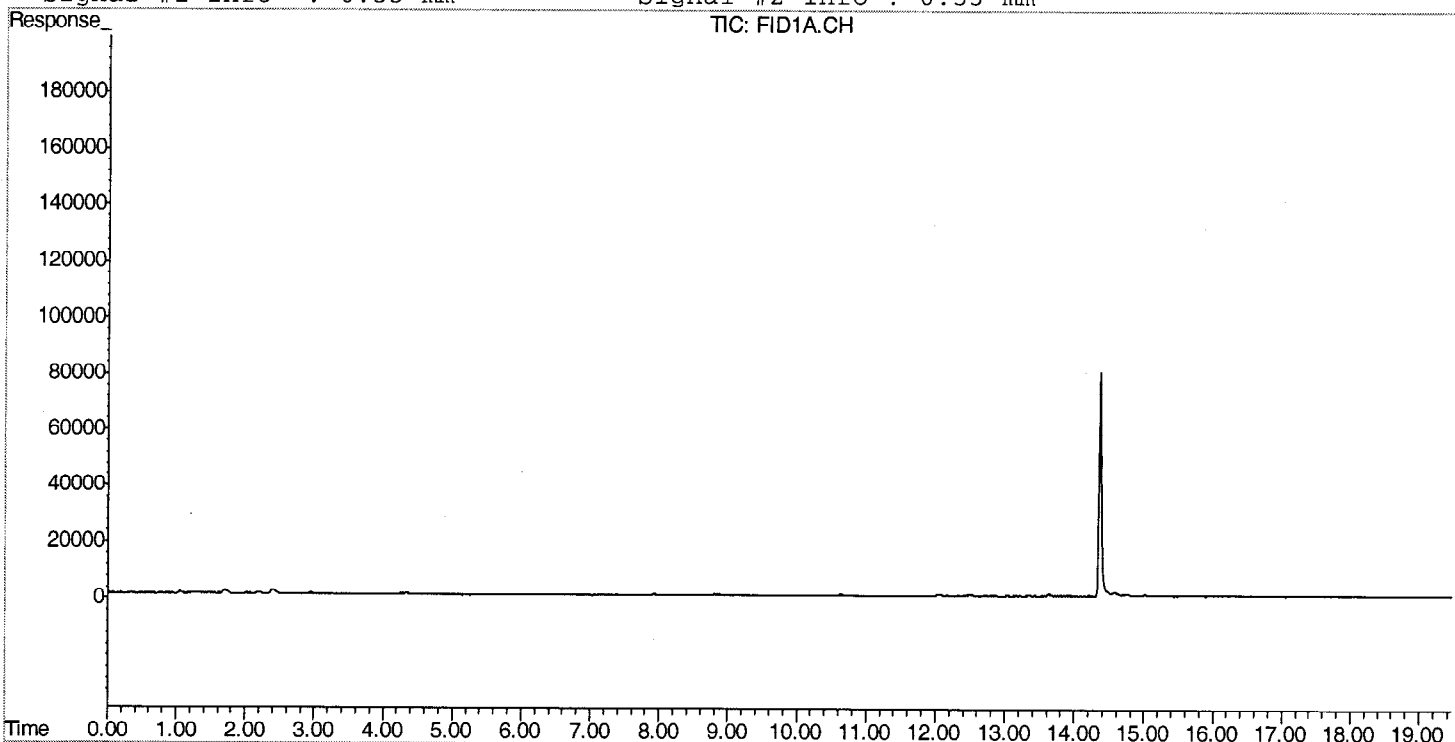
Print Date: 9/19/2009

Signal #1 : Z:\091709\TA2311.D\FID1A.CH Vial: 26
Signal #2 : Z:\091709\TA2311.D\FID2B.CH
Acq On : 18 Sep 2009 12:53 am Operator: laurac
Sample : 09-7465-01A Inst : TVHBTEX2
Misc : ,SAMP,8021_W,TVH_W,1,|GC236,GTA126,,,,,1 Multiplr: 1.00
IntFile Signal #1: TVH1.E IntFile Signal #2: FB2.E
Quant Time: Sep 19 12:03 2009 Quant Results File: TW20901.RES

030

Quant Method : C:\MSDCHEM\1\METHODS\TW20901.M (Chemstation Integrator)
Title : 8015B/8021B TVH/BTEX
Last Update : Thu Sep 17 15:35:25 2009
Response via : Multiple Level Calibration
DataAcq Meth : TVB2.M

Volume Inj. :
Signal #1 Phase : DB-624 Signal #2 Phase: DB-624
Signal #1 Info : 0.53 mm Signal #2 Info : 0.53 mm



Evergreen Analytical, Inc.
 4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
 (303) 425-6021

Client Sample ID: MW21	Lab Work Order: 09-7465
Client Project ID:	Lab Sample ID: 09-7465-02A
Date Collected: 9/16/2009	Sample Matrix: Water
Date Received: 9/17/2009	

AROMATIC VOLATILE ORGANICS

Method: SW8021B

Prep Method: SW5030B

Date Prepared: 9/17/2009	Lab File ID: TA2314.D\FID1A.CH	Dilution Factor: 1
Date Analyzed: 9/18/2009	Method Blank: MB2091709-2	

Analytes	CAS Number	Result	LQL	Units
Benzene	71-43-2	U	1.0	µg/L
Toluene	108-88-3	U	2.0	µg/L
Ethylbenzene	100-41-4	U	2.0	µg/L
m,p-Xylene	1330-20-7	U	2.0	µg/L
o-Xylene	95-47-6	U	2.0	µg/L
Surr: 1,2,4-Trichlorobenzene (S)	120-82-1	106	QC Limits: 60-140	%REC

 Analyst

 Approved

Notes: Total Xylenes consist of three isomers, two of which co-elute. The Xylene RL is for a single peak. Confirmation analysis was not performed.

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
 E - Extrapolated value. Value exceeds calibration range
 H - Sample analysis exceeded analytical holding time
 J - Indicates an estimated value when the compound is detected, but is below the LQL
 S - Spike Recovery outside accepted limits
 U - Compound analyzed for but not detected
 X - See case narrative
 * - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

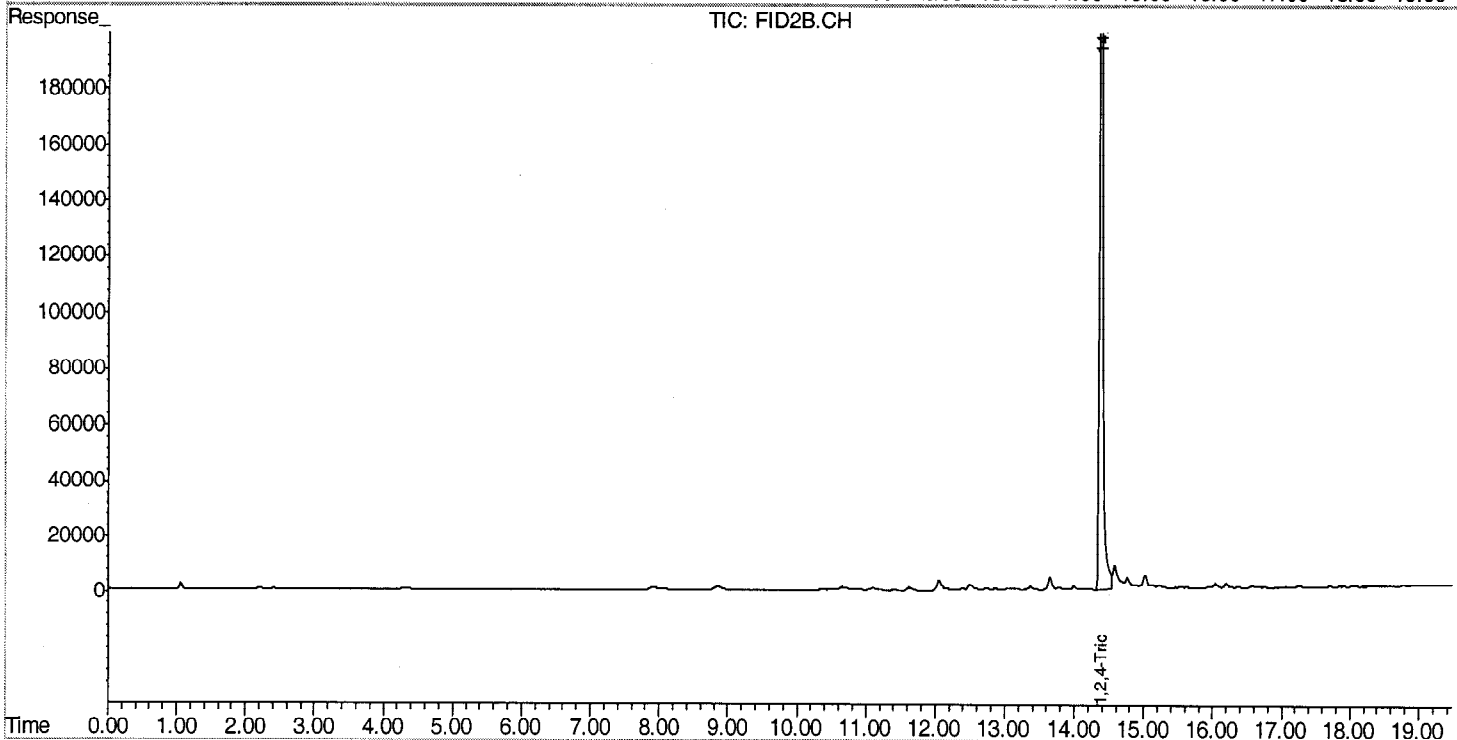
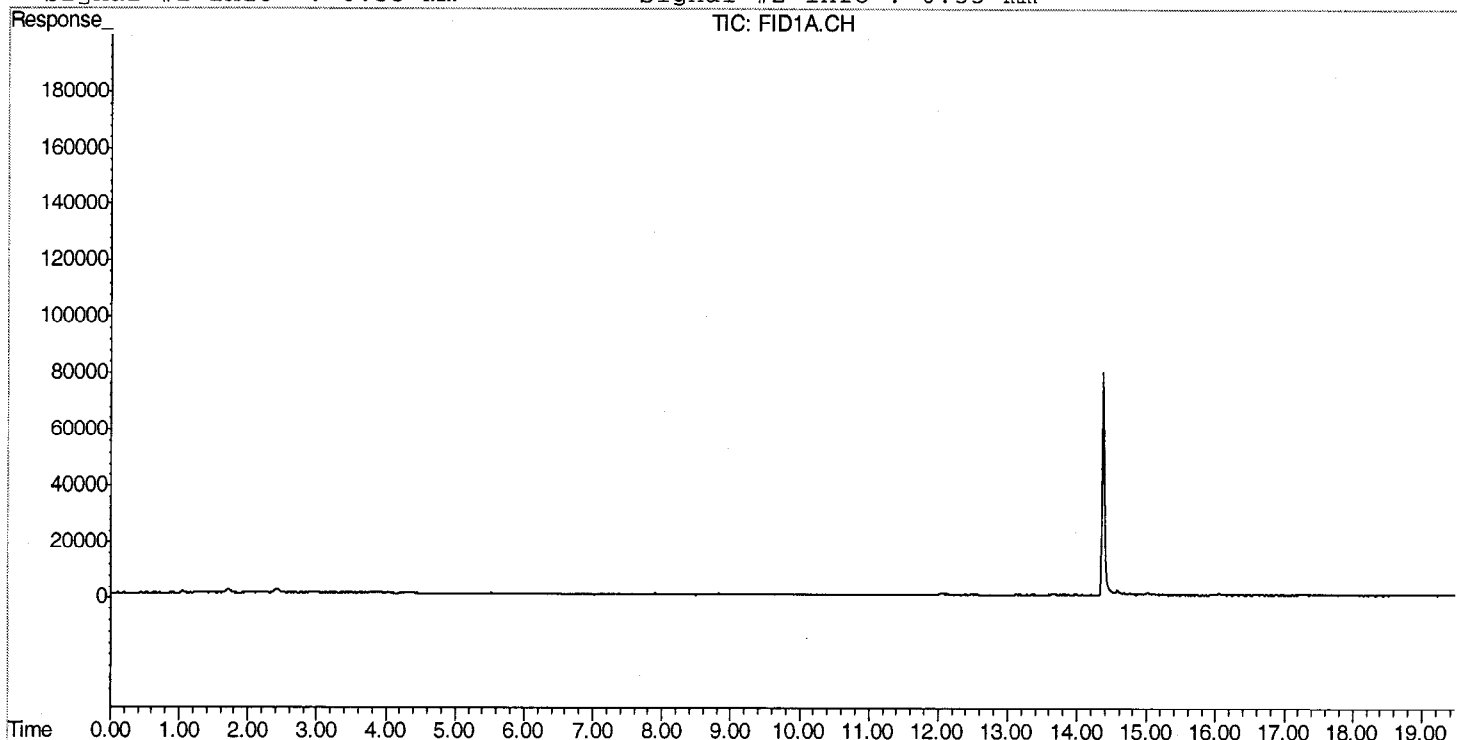
Definitions: LQL - Lower Quantitation Limit
 Surr - Surrogate

Print Date: 9/19/2009

Signal #1 : Z:\091709\TA2314.D\FID1A.CH Vial: 29
 Signal #2 : Z:\091709\TA2314.D\FID2B.CH
 Acq On : 18 Sep 2009 2:38 am Operator: laurac
 Sample : 09-7465-02A Inst : TVHBTEX2
 Misc : ,SAMP,8021_W,TVH_W,1,|GC236,GTA126,,,,,1 Multiplr: 1.00
 IntFile Signal #1: TVH1.E IntFile Signal #2: FB2.E
 Quant Time: Sep 19 12:05 2009 Quant Results File: TW20901.RES

Quant Method : C:\MSDCHEM\1\METHODS\TW20901.M (Chemstation Integrator)
 Title : 8015B/8021B TVH/BTEX
 Last Update : Thu Sep 17 15:35:25 2009
 Response via : Multiple Level Calibration
 DataAcq Meth : TVB2.M

Volume Inj. :
 Signal #1 Phase : DB-624 Signal #2 Phase: DB-624
 Signal #1 Info : 0.53 mm Signal #2 Info : 0.53 mm



Evergreen Analytical, Inc.
 4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
 (303) 425-6021

Client Sample ID: MW20
Client Project ID:
Date Collected: 9/16/2009
Date Received: 9/17/2009

Lab Work Order: 09-7465
Lab Sample ID: 09-7465-03A
Sample Matrix: Water

AROMATIC VOLATILE ORGANICS

Method: SW8021B

Prep Method: SW5030B

Date Prepared: 9/17/2009
Date Analyzed: 9/18/2009

Lab File ID: TA2315.D\FID1A.CH
Method Blank: MB2091709-2

Dilution Factor: 1

Analytes	CAS Number	Result	LQL	Units
Benzene	71-43-2	U	1.0	µg/L
Toluene	108-88-3	U	2.0	µg/L
Ethylbenzene	100-41-4	U	2.0	µg/L
m,p-Xylene	1330-20-7	U	2.0	µg/L
o-Xylene	95-47-6	U	2.0	µg/L
Surr: 1,2,4-Trichlorobenzene (S)	120-82-1	107	QC Limits: 60-140	%REC



Analyst



Approved

Notes: Total Xylenes consist of three isomers, two of which co-elute. The Xylene RL is for a single peak. Confirmation analysis was not performed.

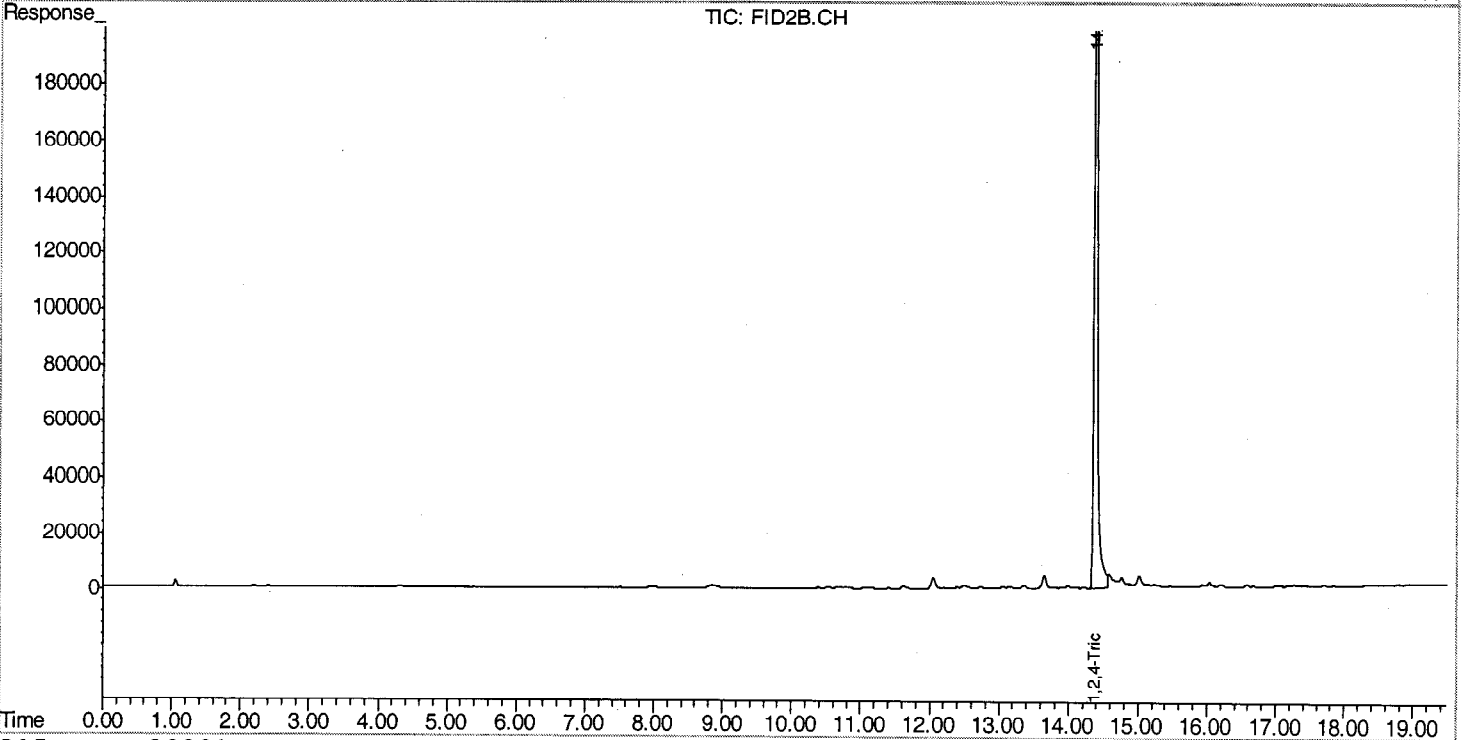
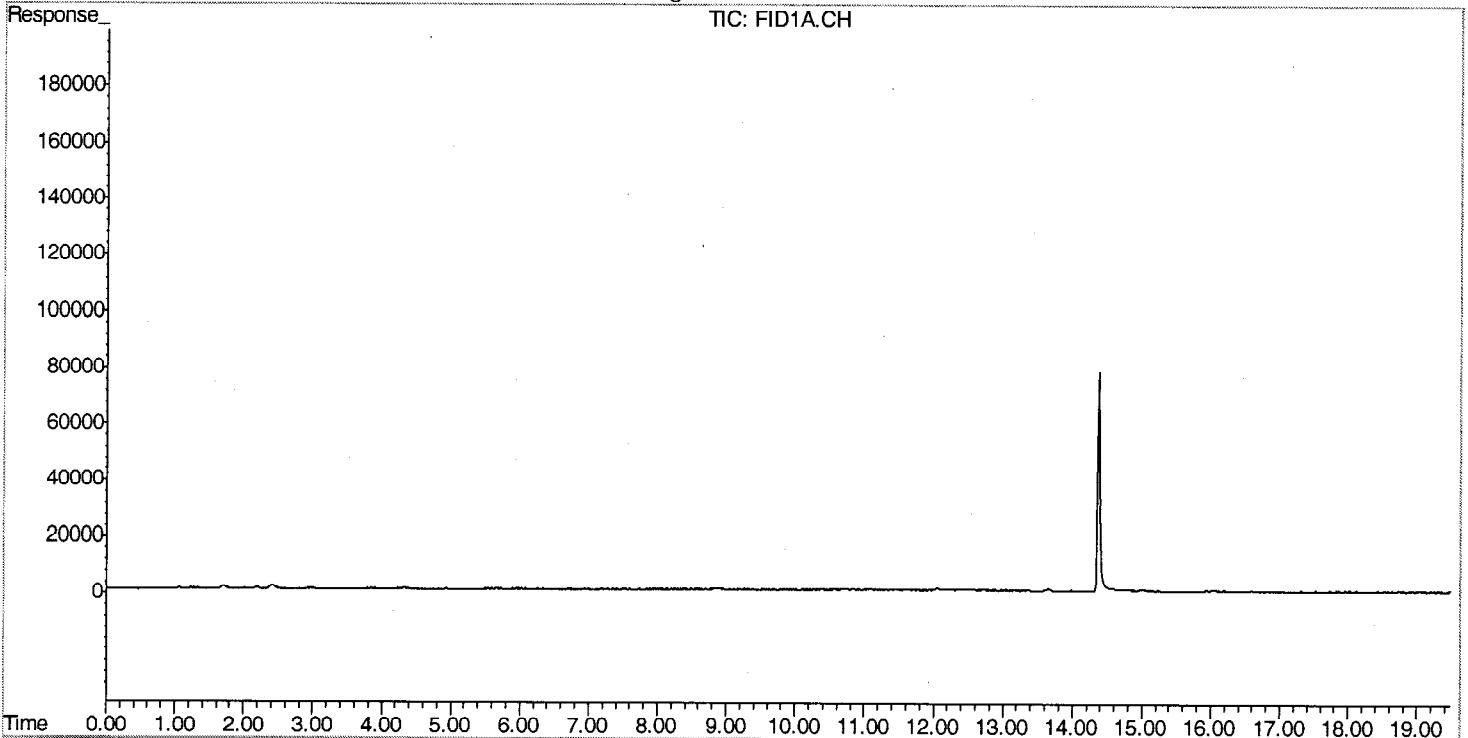
Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
 E - Extrapolated value. Value exceeds calibration range
 H - Sample analysis exceeded analytical holding time
 J - Indicates an estimated value when the compound is detected, but is below the LQL
 S - Spike Recovery outside accepted limits
 U - Compound analyzed for but not detected
 X - See case narrative
 * - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: LQL - Lower Quantitation Limit
 Surr - Surrogate

Signal #1 : Z:\091709\TA2315.D\FID1A.CH Vial: 30
 Signal #2 : Z:\091709\TA2315.D\FID2B.CH
 Acq On : 18 Sep 2009 3:13 am Operator: laurac
 Sample : 09-7465-03A Inst : TVHBTEX2
 Misc : ,SAMP,8021_W,TVH_W,1,|GC236,GTA126,,,,,1 Multiplr: 1.00
 IntFile Signal #1: TVH1.E IntFile Signal #2: FB2.E
 Quant Time: Sep 19 12:05 2009 Quant Results File: TW20901.RES

Quant Method : C:\MSDCHEM\1\METHODS\TW20901.M (Chemstation Integrator)
 Title : 8015B/8021B TVH/BTEX
 Last Update : Thu Sep 17 15:35:25 2009
 Response via : Multiple Level Calibration
 DataAcq Meth : TVB2.M

Volume Inj. :
 Signal #1 Phase : DB-624 Signal #2 Phase: DB-624
 Signal #1 Info : 0.53 mm Signal #2 Info : 0.53 mm



Evergreen Analytical, Inc.

4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client Sample ID: MW22
 Client Project ID:
 Date Collected: 9/16/2009
 Date Received: 9/17/2009

Lab Work Order: 09-7465
 Lab Sample ID: 09-7465-04A
 Sample Matrix: Water

AROMATIC VOLATILE ORGANICS

Method: SW8021B

Prep Method: SW5030B

Date Prepared: 9/17/2009

Lab File ID: TA2316.D\FID1A.CH

Dilution Factor: 1

Date Analyzed: 9/18/2009

Method Blank: MB2091709-2

Analytes	CAS Number	Result	LQL	Units
Benzene	71-43-2	U	1.0	µg/L
Toluene	108-88-3	U	2.0	µg/L
Ethylbenzene	100-41-4	U	2.0	µg/L
m,p-Xylene	1330-20-7	U	2.0	µg/L
o-Xylene	95-47-6	U	2.0	µg/L
Surr: 1,2,4-Trichlorobenzene (S)	120-82-1	99	QC Limits: 60-140	%REC



Analyst



Approved

Notes: Total Xylenes consist of three isomers, two of which co-elute. The Xylene RL is for a single peak. Confirmation analysis was not performed.

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
 E - Extrapolated value. Value exceeds calibration range
 H - Sample analysis exceeded analytical holding time
 J - Indicates an estimated value when the compound is detected, but is below the LQL
 S - Spike Recovery outside accepted limits
 U - Compound analyzed for but not detected
 X - See case narrative
 * - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

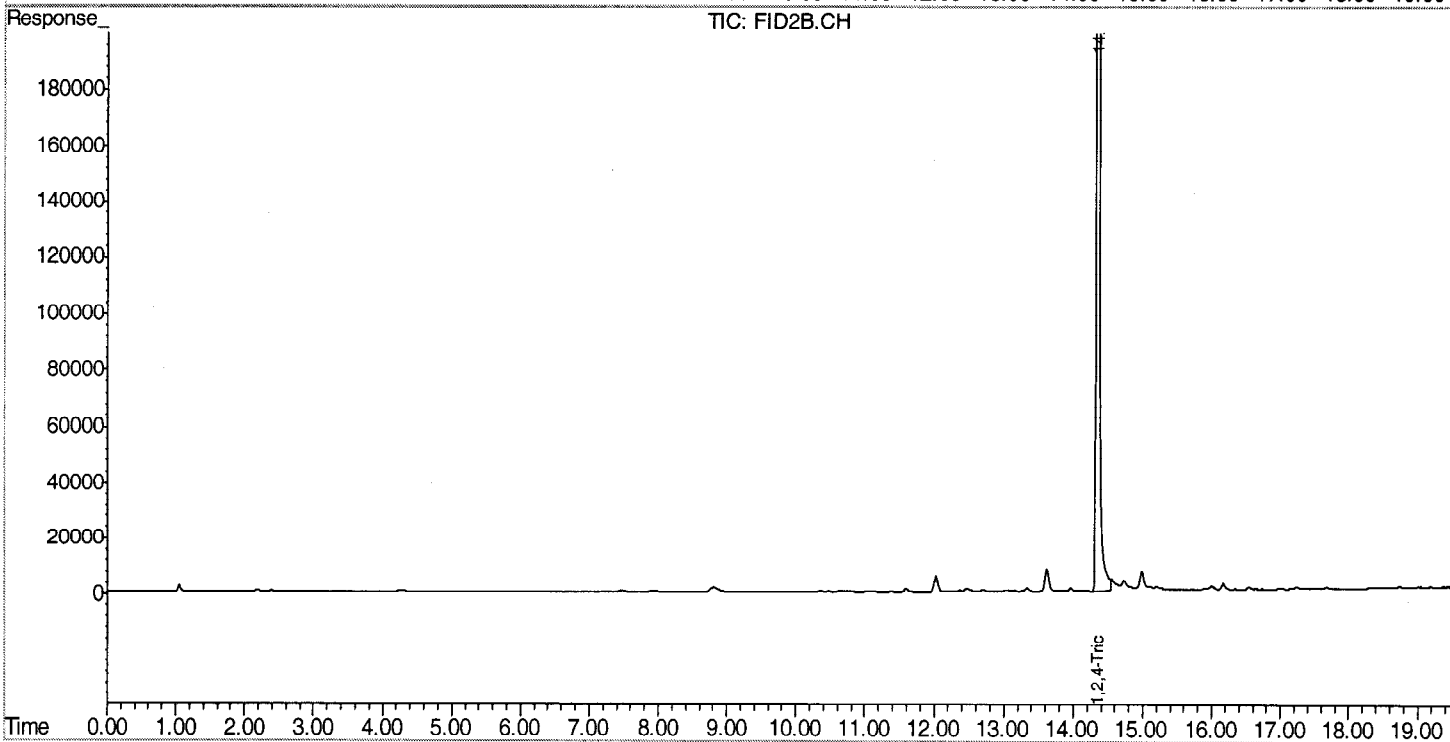
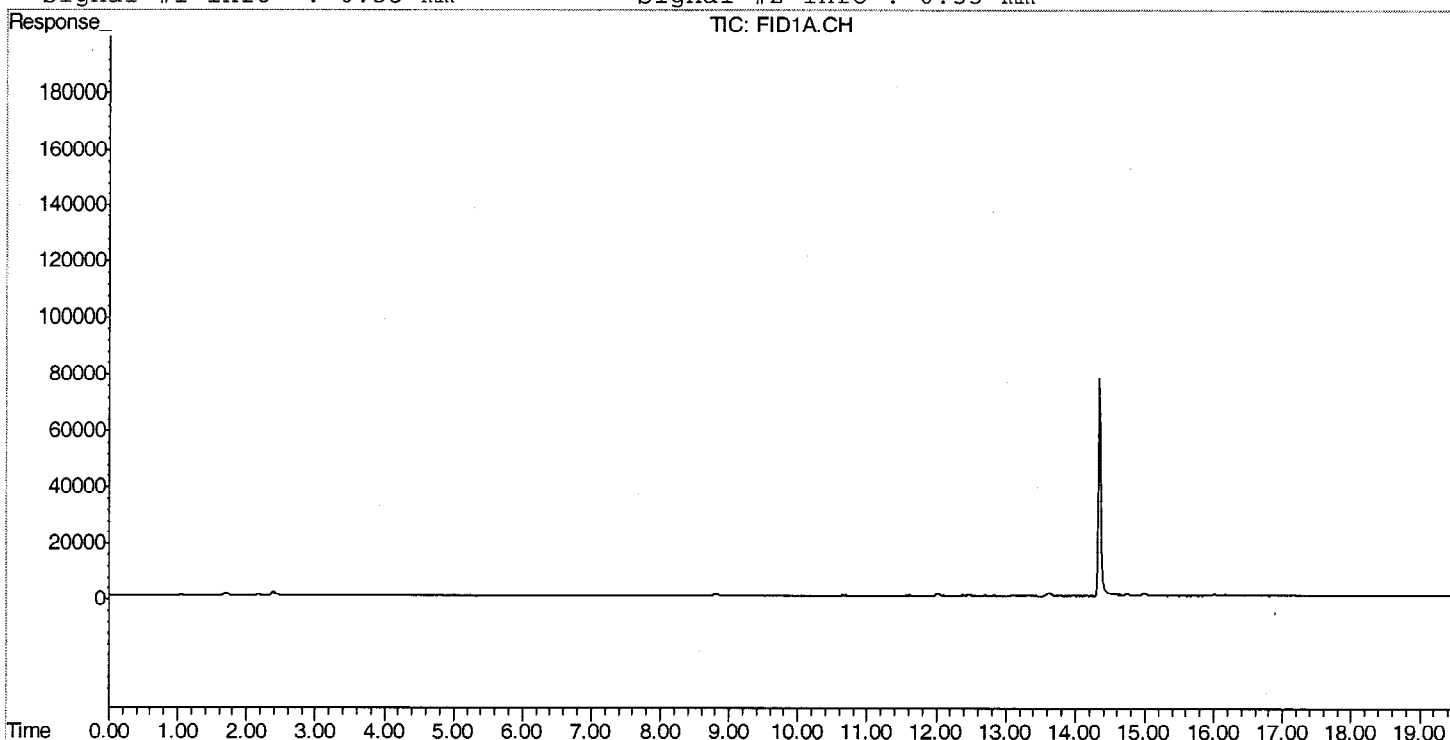
Definitions: LQL - Lower Quantitation Limit
 Surr - Surrogate

Print Date: 9/19/2009

Signal #1 : Z:\091709\TA2316.D\FID1A.CH Vial: 31
 Signal #2 : Z:\091709\TA2316.D\FID2B.CH
 Acq On : 18 Sep 2009 3:48 am Operator: laurac
 Sample : 09-7465-04A Inst : TVHBTEX2
 Misc : ,SAMP,8021_W,TVH_W,1,GC236,GTA126,,,,,1 Multiplr: 1.00
 IntFile Signal #1: TVH1.E IntFile Signal #2: FB2.E
 Quant Time: Sep 19 12:05 2009 Quant Results File: TW20901.RES

Quant Method : C:\MSDCHEM\1\METHODS\TW20901.M (Chemstation Integrator)
 Title : 8015B/8021B TVH/BTEX
 Last Update : Thu Sep 17 15:35:25 2009
 Response via : Multiple Level Calibration
 DataAcq Meth : TVB2.M

Volume Inj. :
 Signal #1 Phase : DB-624 Signal #2 Phase: DB-624
 Signal #1 Info : 0.53 mm Signal #2 Info : 0.53 mm



Evergreen Analytical, Inc.
 4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
 (303) 425-6021

Client Sample ID: MW8
 Client Project ID:
 Date Collected: 9/16/2009
 Date Received: 9/17/2009

Lab Work Order: 09-7465
 Lab Sample ID: 09-7465-05A
 Sample Matrix: Water

AROMATIC VOLATILE ORGANICS

Method: SW8021B

Prep Method: SW5030B

Date Prepared: 9/17/2009

Lab File ID: TA2317.D\FID1A.CH

Dilution Factor: 1

Date Analyzed: 9/18/2009

Method Blank: MB2091709-2

Analytes	CAS Number	Result	LQL	Units
Benzene	71-43-2	U	1.0	µg/L
Toluene	108-88-3	U	2.0	µg/L
Ethylbenzene	100-41-4	U	2.0	µg/L
m,p-Xylene	1330-20-7	U	2.0	µg/L
o-Xylene	95-47-6	U	2.0	µg/L
Surr: 1,2,4-Trichlorobenzene (S)	120-82-1	110	QC Limits: 60-140	%REC



 Analyst



 Approved

Notes: Total Xylenes consist of three isomers, two of which co-elute. The Xylene RL is for a single peak. Confirmation analysis was not performed.

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
 E - Extrapolated value. Value exceeds calibration range
 H - Sample analysis exceeded analytical holding time
 J - Indicates an estimated value when the compound is detected, but is below the LQL
 S - Spike Recovery outside accepted limits
 U - Compound analyzed for but not detected
 X - See case narrative
 * - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: LQL - Lower Quantitation Limit
 Surr - Surrogate

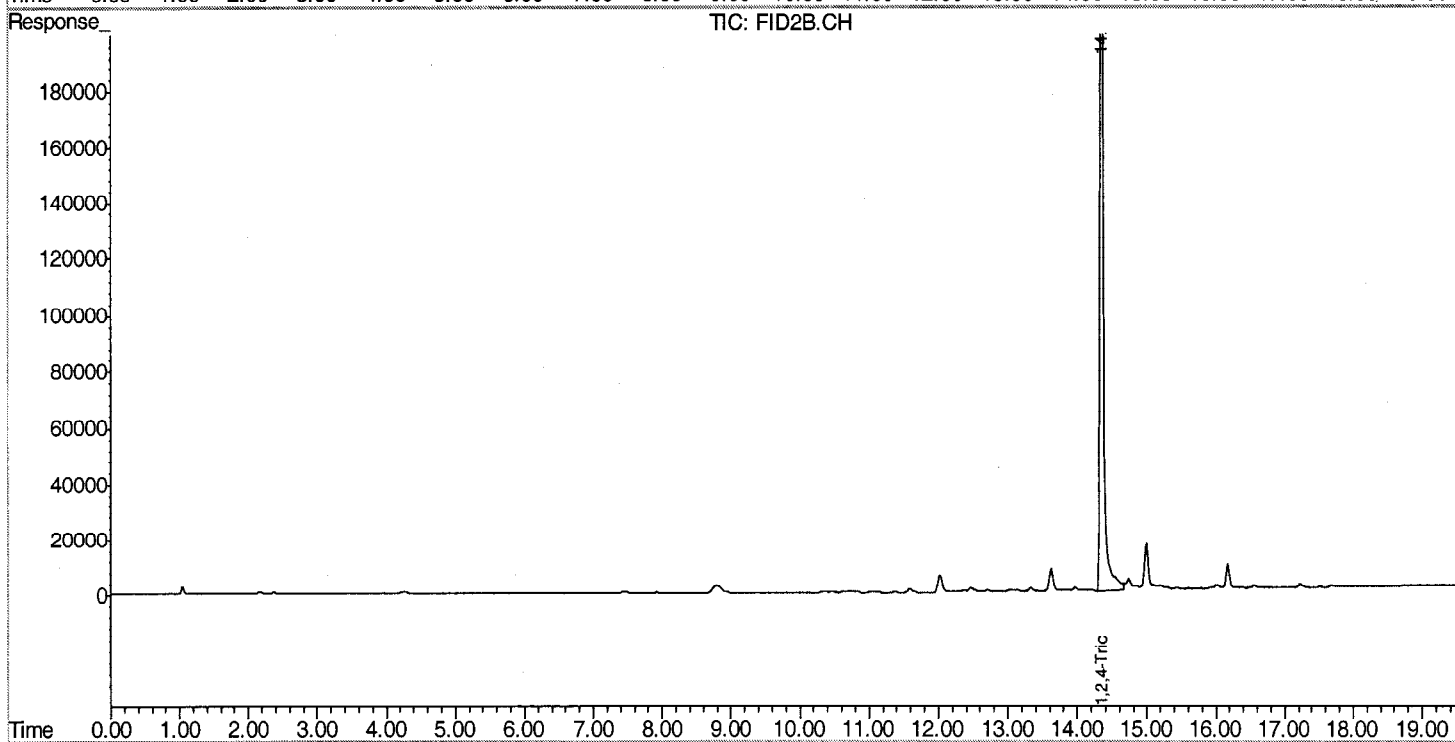
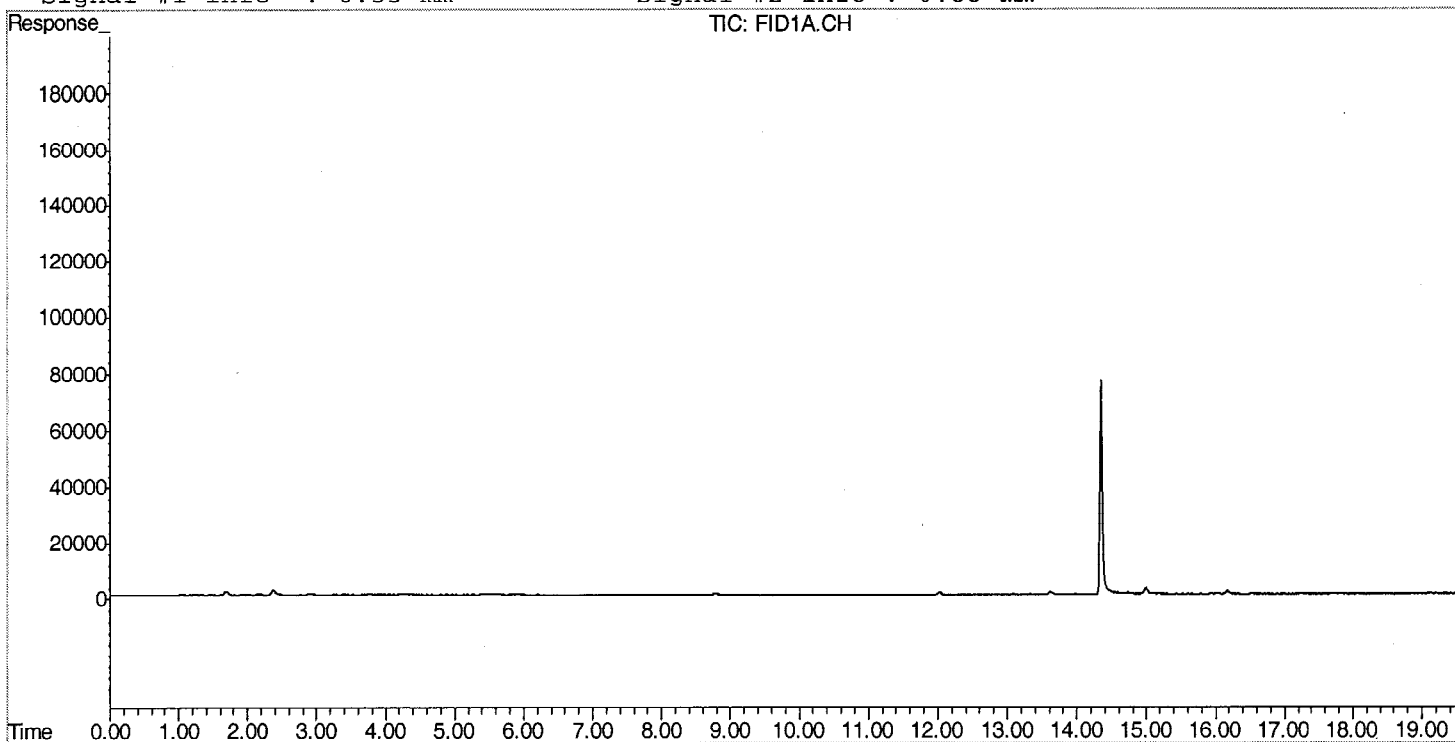
Print Date: 9/19/2009

Signal #1 : Z:\091709\TA2317.D\FID1A.CH Vial: 32
Signal #2 : Z:\091709\TA2317.D\FID2B.CH
Acq On : 18 Sep 2009 4:24 am Operator: laurac
Sample : 09-7465-05A Inst : TVHBTEX2
Misc : ,SAMP,8021_W,TVH_W,1,|GC236,GTA126,,,,,1 Multiplr: 1.00
IntFile Signal #1: TVH1.E IntFile Signal #2: FB2.E
Quant Time: Sep 19 12:06 2009 Quant Results File: TW20901.RES

000

Quant Method : C:\MSDCHEM\1\METHODS\TW20901.M (Chemstation Integrator)
Title : 8015B/8021B TVH/BTEX
Last Update : Thu Sep 17 15:35:25 2009
Response via : Multiple Level Calibration
DataAcq Meth : TVB2.M

Volume Inj. :
Signal #1 Phase : DB-624 Signal #2 Phase: DB-624
Signal #1 Info : 0.53 mm Signal #2 Info : 0.53 mm



Evergreen Analytical, Inc.
4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client Sample ID: MW17
Client Project ID:
Date Collected: 9/16/2009
Date Received: 9/17/2009

Lab Work Order: 09-7465
Lab Sample ID: 09-7465-06A
Sample Matrix: Water

AROMATIC VOLATILE ORGANICS

Method: SW8021B

Prep Method: SW5030B

Date Prepared: 9/17/2009
Date Analyzed: 9/18/2009

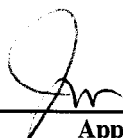
Lab File ID: TA2318.D\FID1A.CH
Method Blank: MB2091709-2

Dilution Factor: 1

Analytes	CAS Number	Result	LQL	Units
Benzene	71-43-2	41	1.0	µg/L
Toluene	108-88-3	U	2.0	µg/L
Ethylbenzene	100-41-4	U	2.0	µg/L
m,p-Xylene	1330-20-7	U	2.0	µg/L
o-Xylene	95-47-6	U	2.0	µg/L
Surr: 1,2,4-Trichlorobenzene (S)	120-82-1	106	QC Limits: 60-140	%REC



Analyst



Approved

Notes: Total Xylenes consist of three isomers, two of which co-elute. The Xylene RL is for a single peak. Confirmation analysis was not performed.

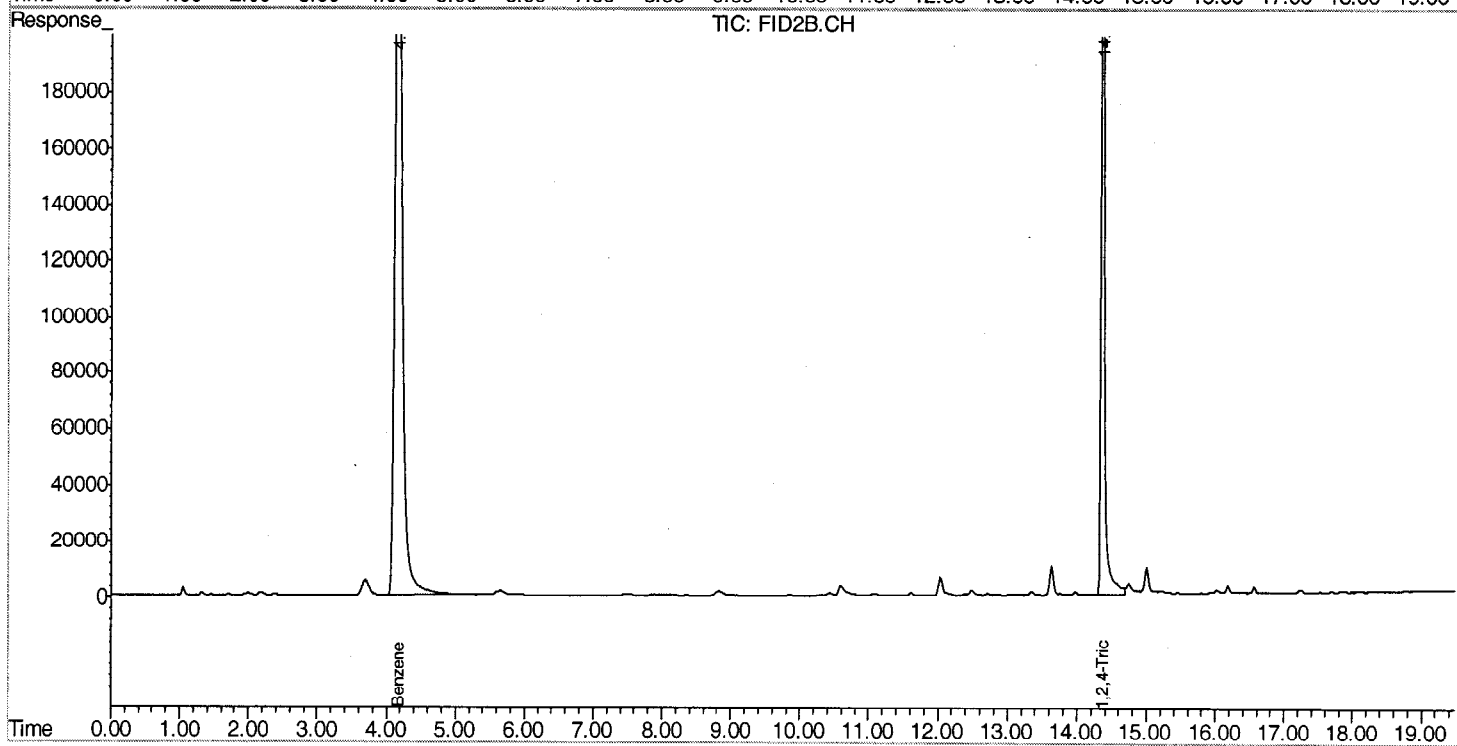
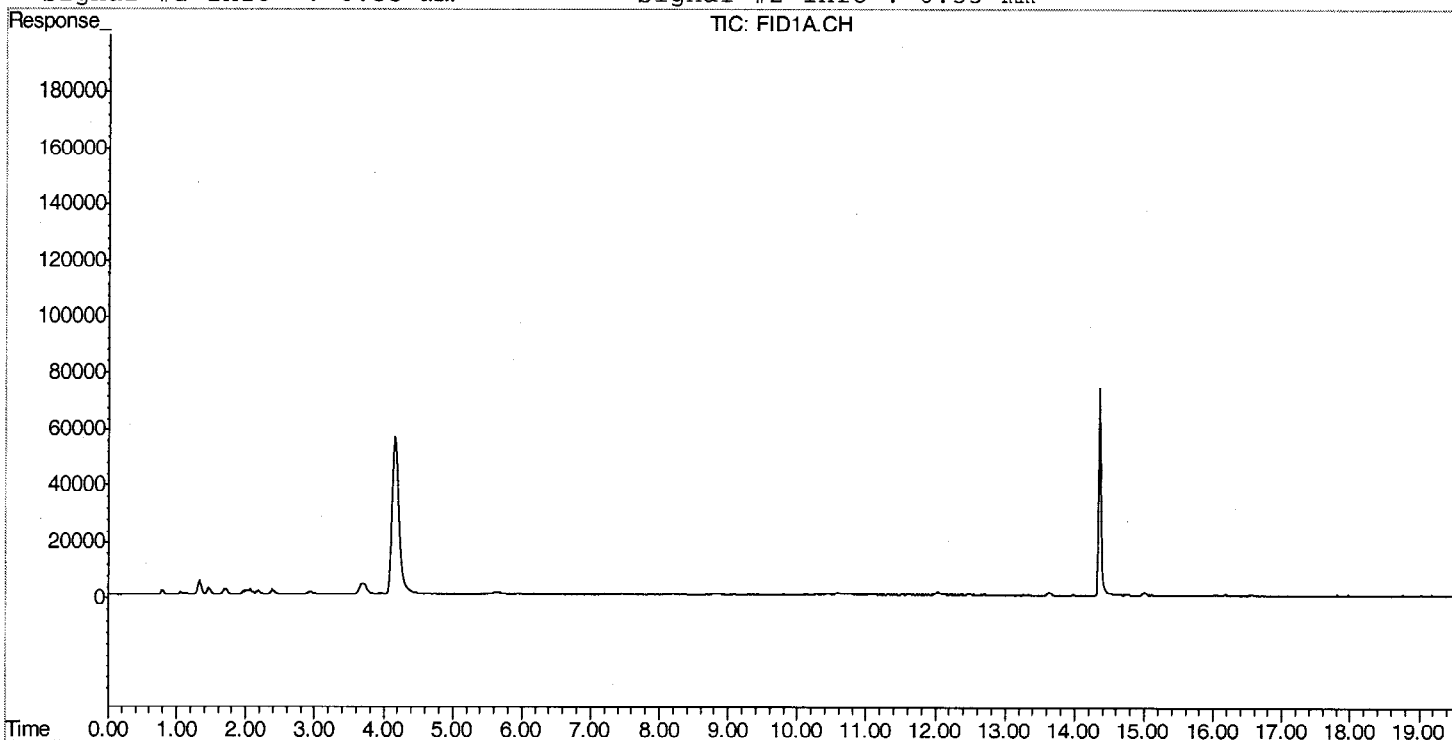
Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
E - Extrapolated value. Value exceeds calibration range
H - Sample analysis exceeded analytical holding time
J - Indicates an estimated value when the compound is detected, but is below the LQL
S - Spike Recovery outside accepted limits
U - Compound analyzed for but not detected
X - See case narrative
* - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: LQL - Lower Quantitation Limit
Surr - Surrogate

Signal #1 : Z:\091709\TA2318.D\FID1A.CH Vial: 33
 Signal #2 : Z:\091709\TA2318.D\FID2B.CH
 Acq On : 18 Sep 2009 4:59 am Operator: laurac
 Sample : 09-7465-06A Inst : TVHBTEX2
 Misc : ,SAMP,8021_W,TVH_W,1,|GC236,GTA126,,,,,1 Multiplr: 1.00
 IntFile Signal #1: TVH1.E IntFile Signal #2: FB2.E
 Quant Time: Sep 19 12:06 2009 Quant Results File: TW20901.RES

Quant Method : C:\MSDCHEM\1\METHODS\TW20901.M (Chemstation Integrator)
 Title : 8015B/8021B TVH/BTEX
 Last Update : Thu Sep 17 15:35:25 2009
 Response via : Multiple Level Calibration
 DataAcq Meth : TVB2.M

Volume Inj. :
 Signal #1 Phase : DB-624 Signal #2 Phase: DB-624
 Signal #1 Info : 0.53 mm Signal #2 Info : 0.53 mm



Evergreen Analytical, Inc.
 4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
 (303) 425-6021

Client Sample ID: MW16
Client Project ID:
Date Collected: 9/16/2009
Date Received: 9/17/2009

Lab Work Order: 09-7465
Lab Sample ID: 09-7465-07A
Sample Matrix: Water

AROMATIC VOLATILE ORGANICS

Method: SW8021B

Prep Method: SW5030B

Date Prepared: 9/17/2009

Lab File ID: TA2319.D\FID1A.CH

Dilution Factor: 1

Date Analyzed: 9/18/2009

Method Blank: MB2091709-2

Analytes	CAS Number	Result	LQL	Units
Benzene	71-43-2	U	1.0	µg/L
Toluene	108-88-3	U	2.0	µg/L
Ethylbenzene	100-41-4	U	2.0	µg/L
m,p-Xylene	1330-20-7	U	2.0	µg/L
o-Xylene	95-47-6	U	2.0	µg/L
Surr: 1,2,4-Trichlorobenzene (S)	120-82-1	111	QC Limits: 60-140	%REC



Analyst



Approved

Notes: Total Xylenes consist of three isomers, two of which co-elute. The Xylene RL is for a single peak. Confirmation analysis was not performed.

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
 E - Extrapolated value. Value exceeds calibration range
 H - Sample analysis exceeded analytical holding time
 J - Indicates an estimated value when the compound is detected, but is below the LQL
 S - Spike Recovery outside accepted limits
 U - Compound analyzed for but not detected
 X - See case narrative
 * - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

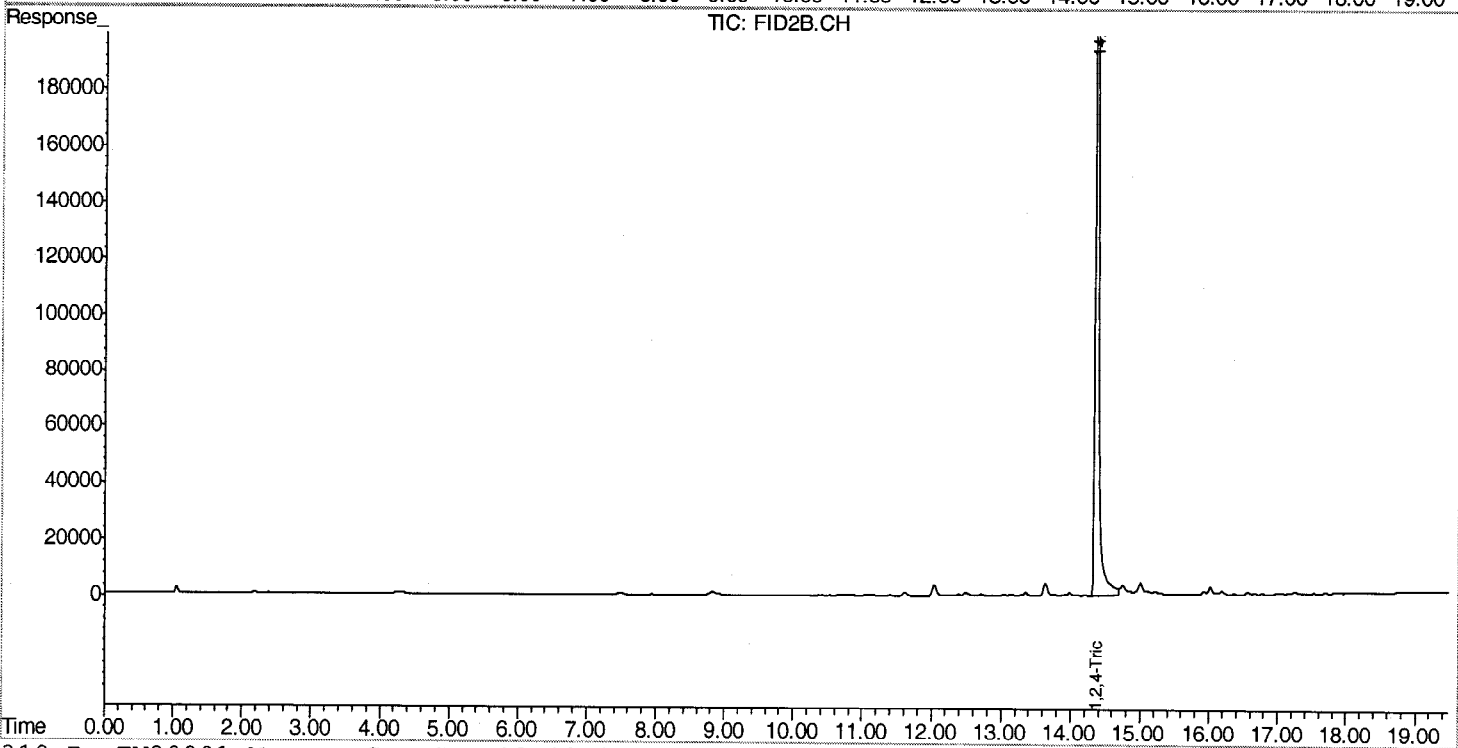
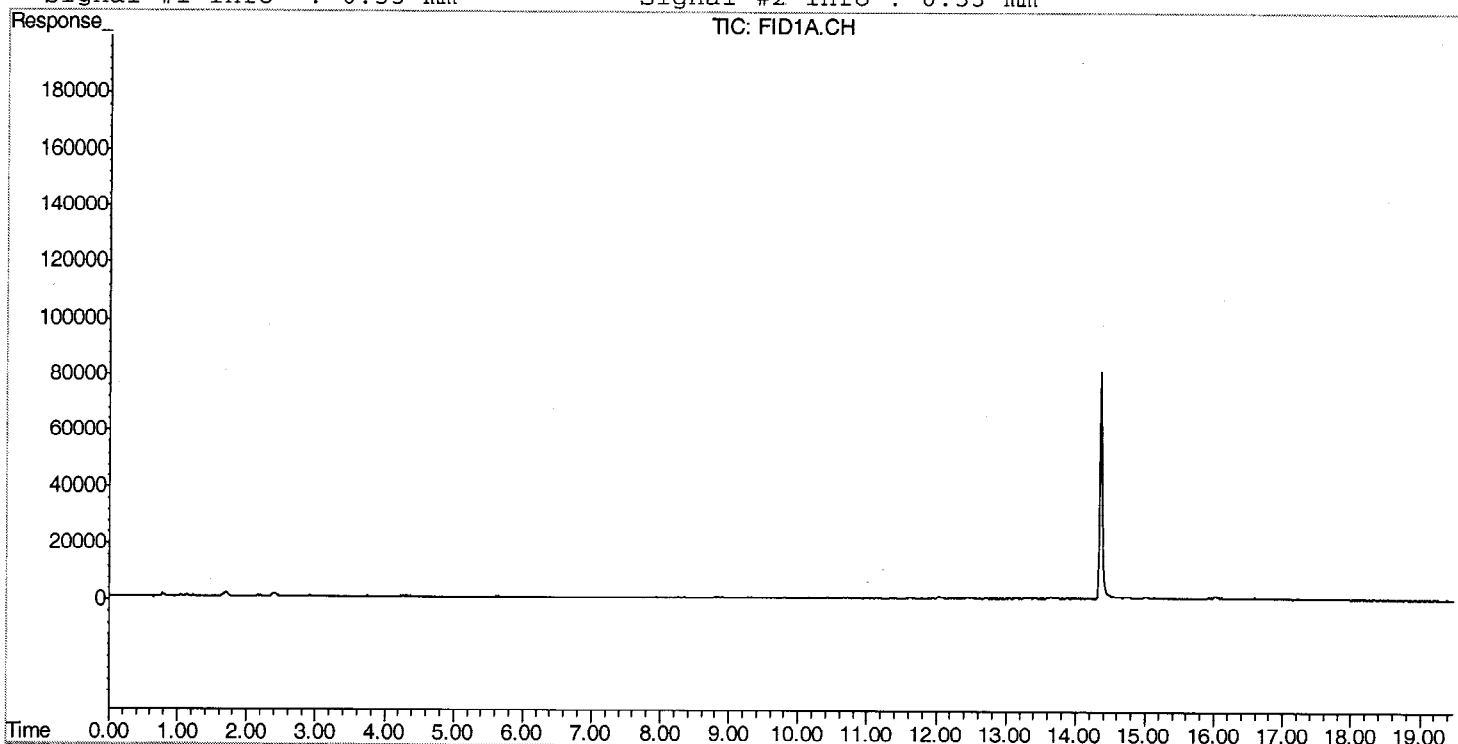
Definitions: LQL - Lower Quantitation Limit
 Surr - Surrogate

Print Date: 9/19/2009

Signal #1 : Z:\091709\TA2319.D\FID1A.CH Vial: 34
 Signal #2 : Z:\091709\TA2319.D\FID2B.CH
 Acq On : 18 Sep 2009 5:34 am Operator: laurac
 Sample : 09-7465-07A Inst : TVHBTEX2
 Misc : ,SAMP,8021_W,TVH_W,1,|GC236,GTA126,,,,,1 Multiplr: 1.00
 IntFile Signal #1: TVH1.E IntFile Signal #2: FB2.E
 Quant Time: Sep 19 12:06 2009 Quant Results File: TW20901.RES

Quant Method : C:\MSDCHEM\1\METHODS\TW20901.M (Chemstation Integrator)
 Title : 8015B/8021B TVH/BTEX
 Last Update : Thu Sep 17 15:35:25 2009
 Response via : Multiple Level Calibration
 DataAcq Meth : TVB2.M

Volume Inj. :
 Signal #1 Phase : DB-624 Signal #2 Phase: DB-624
 Signal #1 Info : 0.53 mm Signal #2 Info : 0.53 mm



Evergreen Analytical, Inc.
 4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
 (303) 425-6021

Client Sample ID: MW1
 Client Project ID:
 Date Collected: 9/16/2009
 Date Received: 9/17/2009

Lab Work Order: 09-7465
 Lab Sample ID: 09-7465-08A
 Sample Matrix: Water

AROMATIC VOLATILE ORGANICS

Method: SW8021B

Prep Method: SW5030B

Date Prepared: 9/17/2009

Lab File ID: TA2320.D\FID1A.CH


Dilution Factor: 1

Date Analyzed: 9/18/2009

Method Blank: MB2091709-2

Analytes	CAS Number	Result	LQL	Units
Benzene	71-43-2	U	1.0	µg/L
Toluene	108-88-3	U	2.0	µg/L
Ethylbenzene	100-41-4	U	2.0	µg/L
m,p-Xylene	1330-20-7	U	2.0	µg/L
o-Xylene	95-47-6	U	2.0	µg/L
Surr: 1,2,4-Trichlorobenzene (S)	120-82-1	106	QC Limits: 60-140	%REC


 Analyst


 Approved

Notes: Total Xylenes consist of three isomers, two of which co-elute. The Xylene RL is for a single peak. Confirmation analysis was not performed.

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
 E - Extrapolated value. Value exceeds calibration range
 H - Sample analysis exceeded analytical holding time
 J - Indicates an estimated value when the compound is detected, but is below the LQL
 S - Spike Recovery outside accepted limits
 U - Compound analyzed for but not detected
 X - See case narrative
 * - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

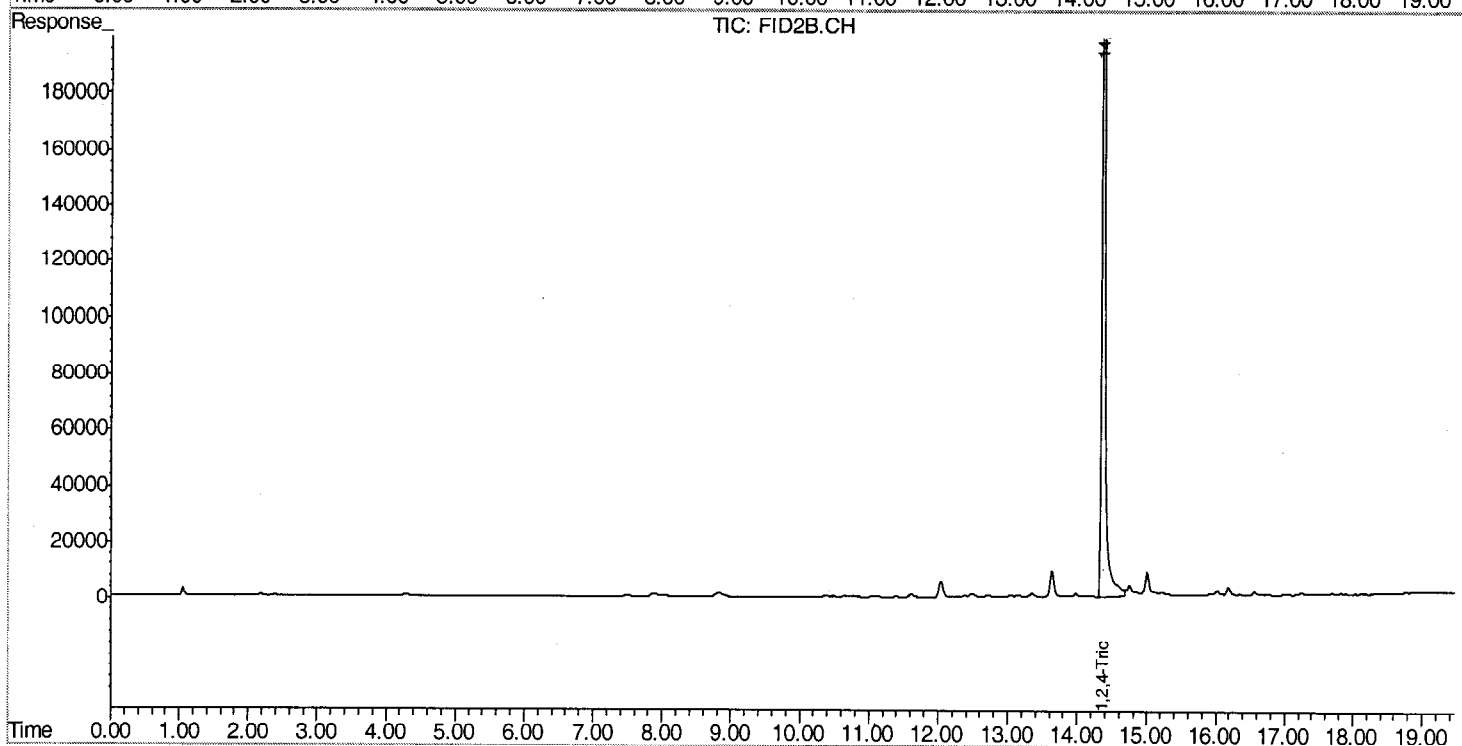
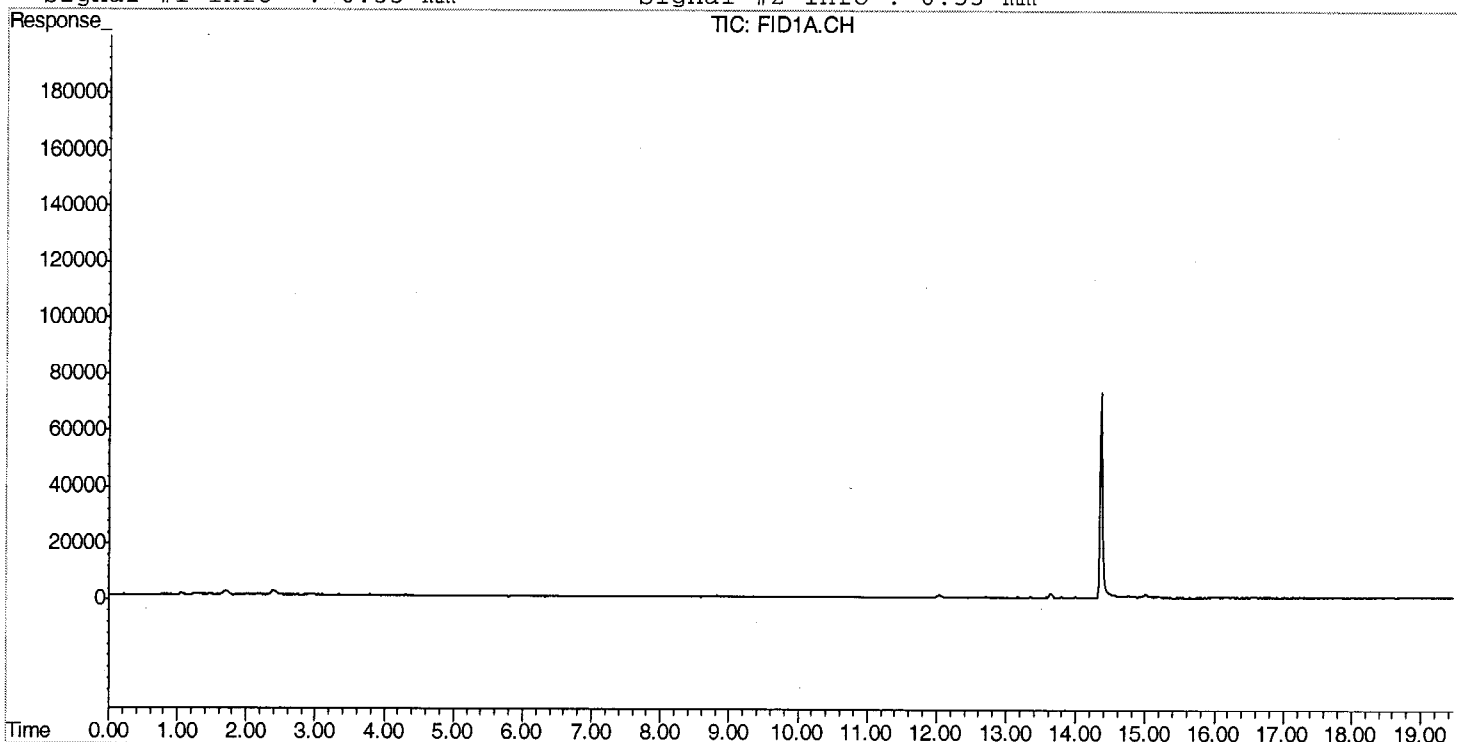
Definitions: LQL - Lower Quantitation Limit
 Surr - Surrogate

Print Date: 9/19/2009

Signal #1 : Z:\091709\TA2320.D\FID1A.CH Vial: 35
 Signal #2 : Z:\091709\TA2320.D\FID2B.CH
 Acq On : 18 Sep 2009 6:10 am Operator: laurac
 Sample : 09-7465-08A Inst : TVHBTEX2
 Misc : ,SAMP,8021_W,TVH_W,1,|GC236,GTA126,,,,,1 Multiplr: 1.00
 IntFile Signal #1: TVH1.E IntFile Signal #2: FB2.E
 Quant Time: Sep 19 12:06 2009 Quant Results File: TW20901.RES

Quant Method : C:\MSDCHEM\1\METHODS\TW20901.M (Chemstation Integrator)
 Title : 8015B/8021B TVH/BTEX
 Last Update : Thu Sep 17 15:35:25 2009
 Response via : Multiple Level Calibration
 DataAcq Meth : TVB2.M

Volume Inj. :
 Signal #1 Phase : DB-624 Signal #2 Phase: DB-624
 Signal #1 Info : 0.53 mm Signal #2 Info : 0.53 mm



Evergreen Analytical, Inc.
 4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
 (303) 425-6021

Client Sample ID: MW2	Lab Work Order: 09-7465
Client Project ID:	Lab Sample ID: 09-7465-09A
Date Collected: 9/16/2009	Sample Matrix: Water
Date Received: 9/17/2009	

AROMATIC VOLATILE ORGANICS

Method: SW8021B**Prep Method: SW5030B****Date Prepared:** 9/17/2009**Lab File ID:** TA2321.D\FID1A.CH**Dilution Factor:** 1**Date Analyzed:** 9/18/2009**Method Blank:** MB2091709-2

Analytes	CAS Number	Result	LQL	Units
Benzene	71-43-2	160	1.0	µg/L
Toluene	108-88-3	U	2.0	µg/L
Ethylbenzene	100-41-4	2.5	2.0	µg/L
m,p-Xylene	1330-20-7	17	2.0	µg/L
o-Xylene	95-47-6	3.1	2.0	µg/L
Surr: 1,2,4-Trichlorobenzene (S)	120-82-1	110	QC Limits: 60-140	%REC



 Analyst



 Approved

Notes: Total Xylenes consist of three isomers, two of which co-elute. The Xylene RL is for a single peak. Confirmation analysis was not performed.

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
 E - Extrapolated value. Value exceeds calibration range
 H - Sample analysis exceeded analytical holding time
 J - Indicates an estimated value when the compound is detected, but is below the LQL
 S - Spike Recovery outside accepted limits
 U - Compound analyzed for but not detected
 X - See case narrative
 * - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

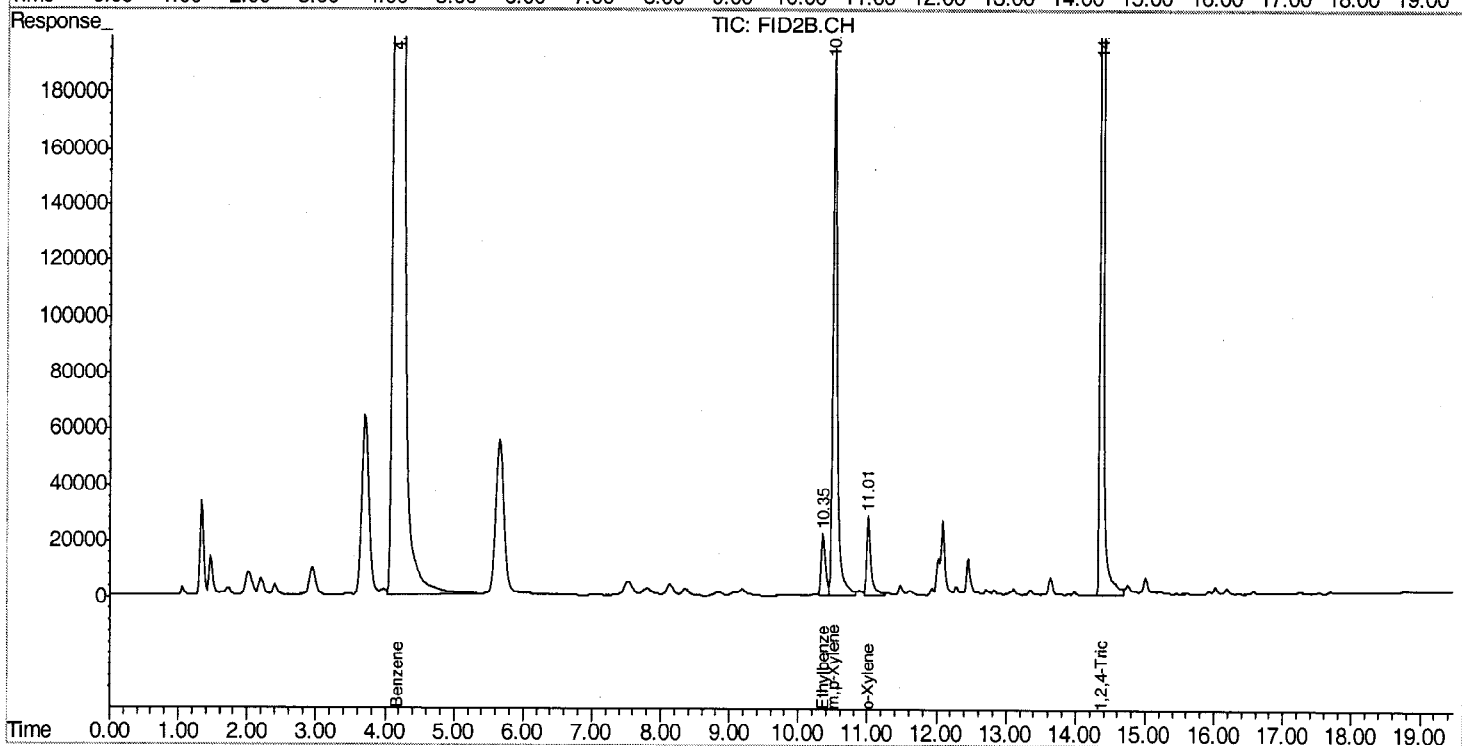
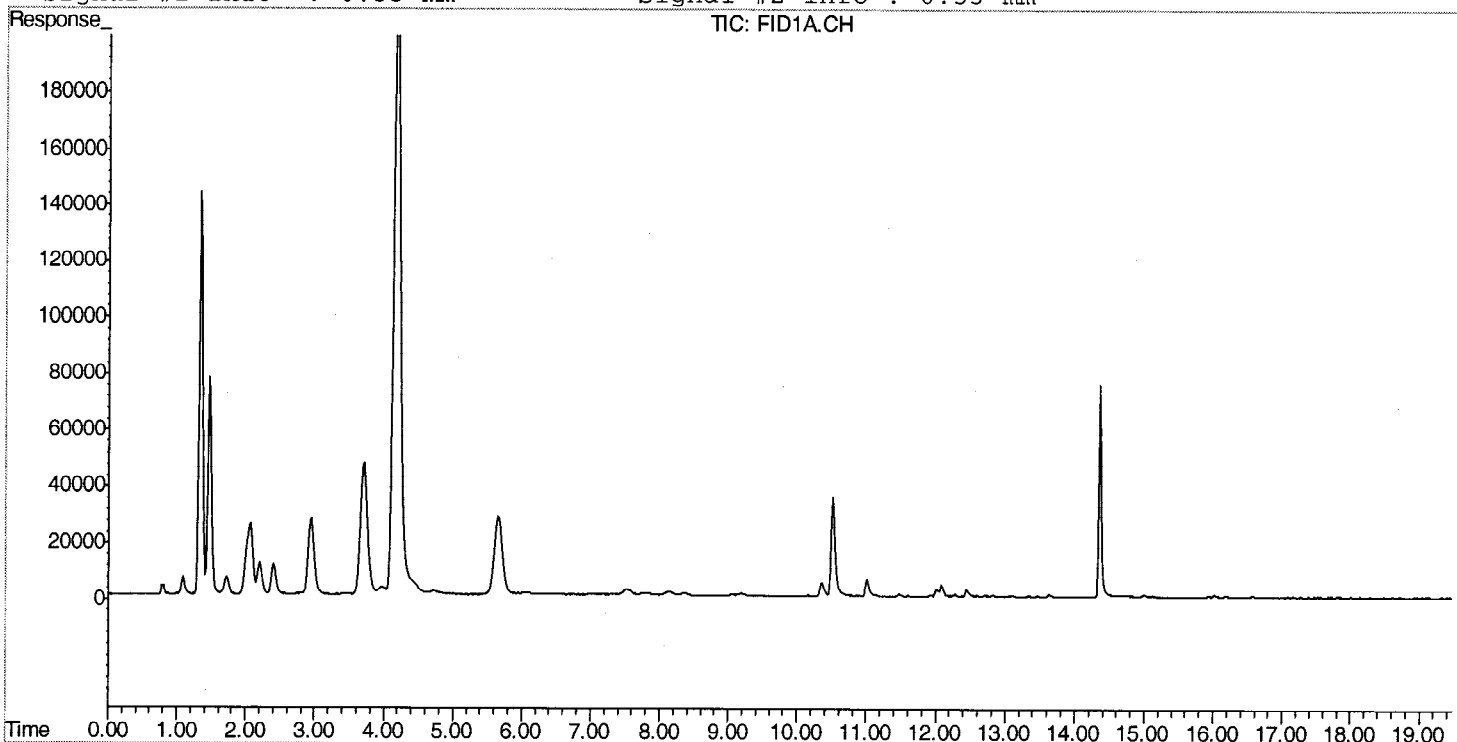
Definitions: LQL - Lower Quantitation Limit
 Surr - Surrogate

Print Date: 9/19/2009

Signal #1 : Z:\091709\TA2321.D\FID1A.CH Vial: 36
 Signal #2 : Z:\091709\TA2321.D\FID2B.CH
 Acq On : 18 Sep 2009 6:45 am Operator: laurac
 Sample : 09-7465-09A Inst : TVHBTEX2
 Misc : ,SAMP,8021_W,TVH_W,1,|GC236,GTA126,,,,,1 Multiplr: 1.00
 IntFile Signal #1: TVH1.E IntFile Signal #2: FB2.E
 Quant Time: Sep 19 12:07 2009 Quant Results File: TW20901.RES

Quant Method : C:\MSDCHEM\1\METHODS\TW20901.M (Chemstation Integrator)
 Title : 8015B/8021B TVH/BTEX
 Last Update : Thu Sep 17 15:35:25 2009
 Response via : Multiple Level Calibration
 DataAcq Meth : TVB2.M

Volume Inj. :
 Signal #1 Phase : DB-624 Signal #2 Phase: DB-624
 Signal #1 Info : 0.53 mm Signal #2 Info : 0.53 mm



Evergreen Analytical, Inc.
 4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
 (303) 425-6021

Client Sample ID: MW4
 Client Project ID:
 Date Collected: 9/16/2009
 Date Received: 9/17/2009

Lab Work Order: 09-7465
 Lab Sample ID: 09-7465-10A
 Sample Matrix: Water

AROMATIC VOLATILE ORGANICS

Method: SW8021B

Prep Method: SW5030B

Date Prepared: 9/17/2009

Lab File ID: TA2322.D\FID1A.CH


Dilution Factor: 1

Date Analyzed: 9/18/2009

Method Blank: MB2091709-2

Analytes	CAS Number	Result	LQL	Units
Benzene	71-43-2	100	1.0	µg/L
Toluene	108-88-3	U	2.0	µg/L
Ethylbenzene	100-41-4	3.7	2.0	µg/L
m,p-Xylene	1330-20-7	28	2.0	µg/L
o-Xylene	95-47-6	4.9	2.0	µg/L
Surr: 1,2,4-Trichlorobenzene (S)	120-82-1	107	QC Limits: 60-140	%REC


 Analyst


 Approved

Notes: Total Xylenes consist of three isomers, two of which co-elute. The Xylene RL is for a single peak. Confirmation analysis was not performed.

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
 E - Extrapolated value. Value exceeds calibration range
 H - Sample analysis exceeded analytical holding time
 J - Indicates an estimated value when the compound is detected, but is below the LQL
 S - Spike Recovery outside accepted limits
 U - Compound analyzed for but not detected
 X - See case narrative
 * - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

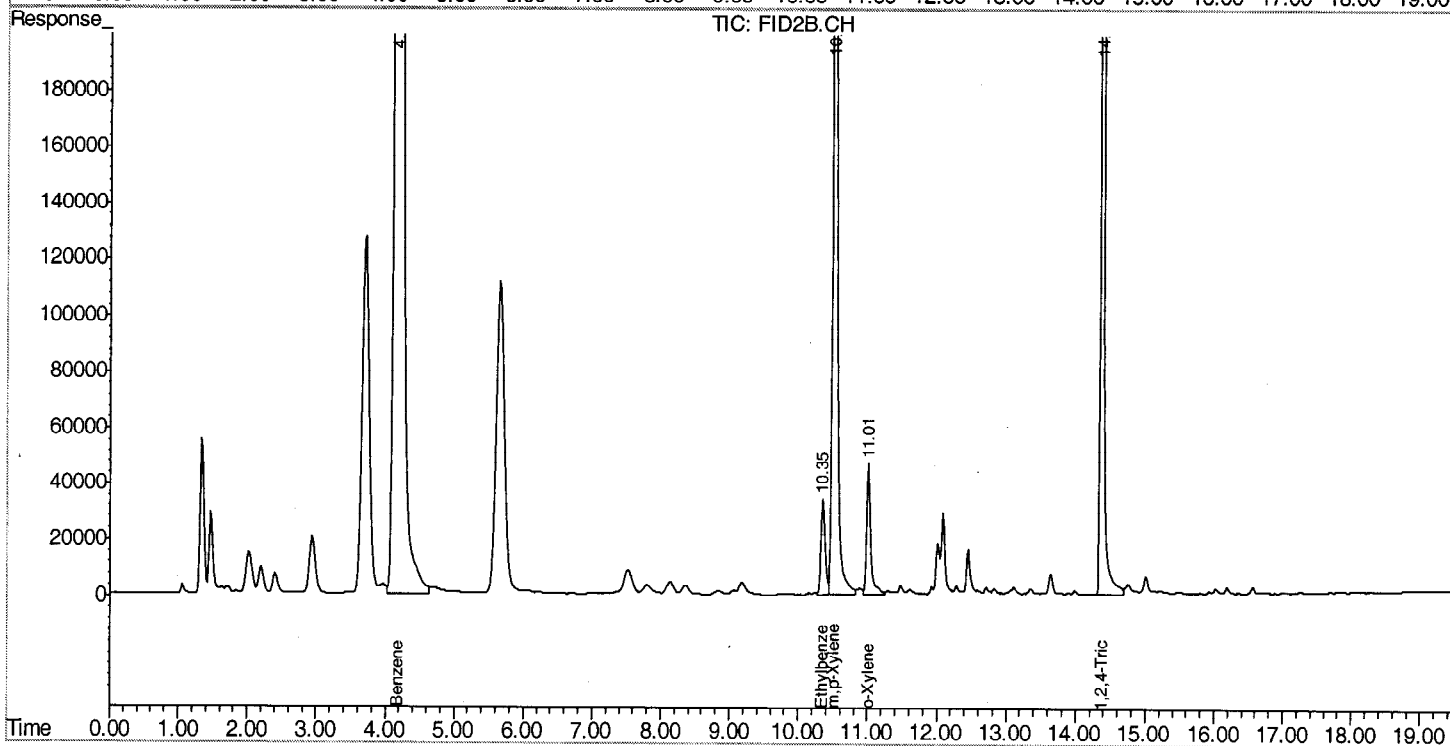
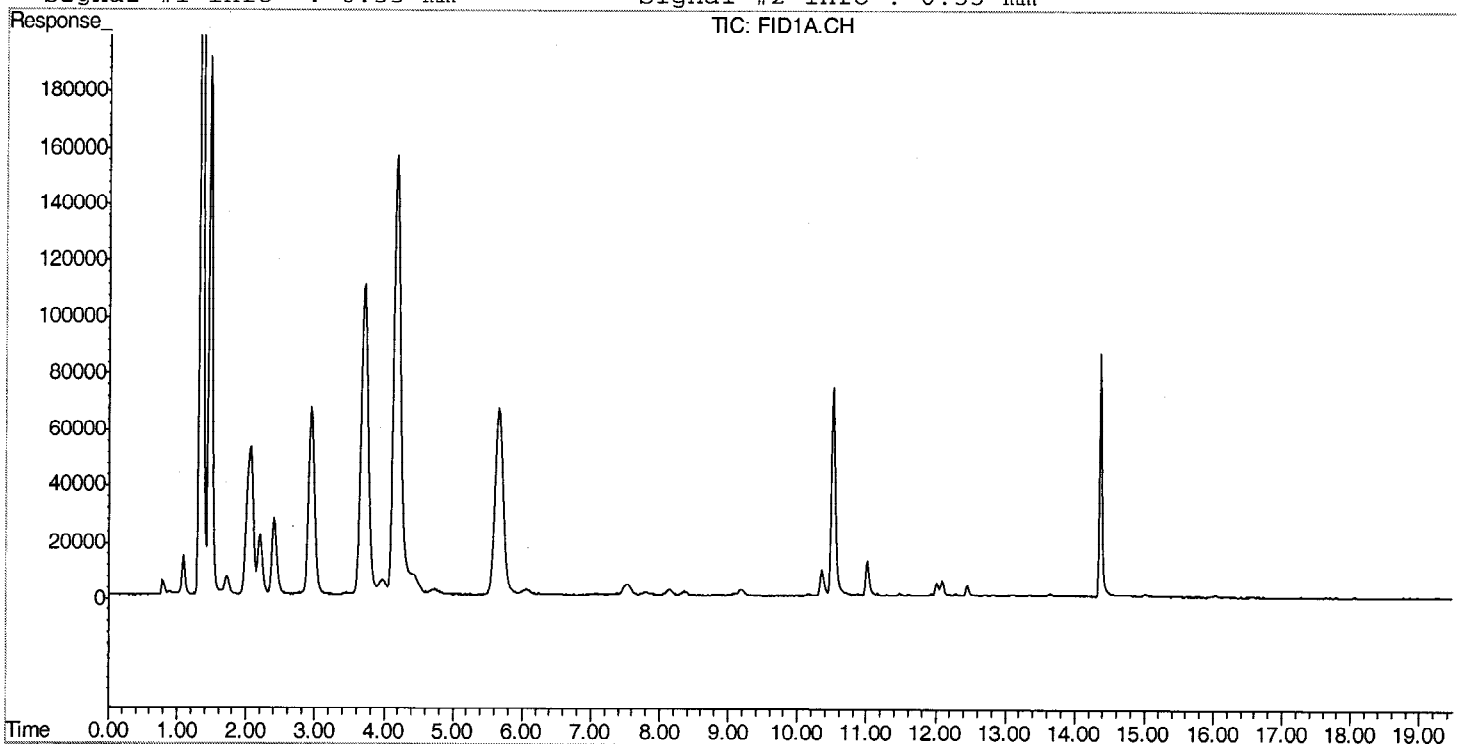
Definitions: LQL - Lower Quantitation Limit
 Surr - Surrogate

Print Date: 9/19/2009

Signal #1 : Z:\091709\TA2322.D\FID1A.CH Vial: 37
 Signal #2 : Z:\091709\TA2322.D\FID2B.CH
 Acq On : 18 Sep 2009 7:20 am Operator: laurac
 Sample : 09-7465-10A Inst : TVHBTEX2
 Misc : ,SAMP,8021_W,TVH_W,1,|GC236,GTA126,,,,,1 Multiplr: 1.00
 IntFile Signal #1: TVH1.E IntFile Signal #2: FB2.E
 Quant Time: Sep 19 12:08 2009 Quant Results File: TW20901.RES

Quant Method : C:\MSDCHEM\1\METHODS\TW20901.M (Chemstation Integrator)
 Title : 8015B/8021B TVH/BTEX
 Last Update : Thu Sep 17 15:35:25 2009
 Response via : Multiple Level Calibration
 DataAcq Meth : TVB2.M

Volume Inj. :
 Signal #1 Phase : DB-624 Signal #2 Phase: DB-624
 Signal #1 Info : 0.53 mm Signal #2 Info : 0.53 mm



Evergreen Analytical, Inc.
 4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
 (303) 425-6021

Client Sample ID: MW6	Lab Work Order: 09-7465
Client Project ID:	Lab Sample ID: 09-7465-11A
Date Collected: 9/16/2009	Sample Matrix: Water
Date Received: 9/17/2009	

AROMATIC VOLATILE ORGANICS


Method: SW8021B**Prep Method: SW5030B**

Date Prepared: 9/17/2009	Lab File ID: TA2325.D\FID1A.CH	Dilution Factor: 1
Date Analyzed: 9/18/2009	Method Blank: MB2091709-2	

Analytes	CAS Number	Result	LQL	Units
Benzene	71-43-2	U	1.0	µg/L
Toluene	108-88-3	U	2.0	µg/L
Ethylbenzene	100-41-4	U	2.0	µg/L
m,p-Xylene	1330-20-7	U	2.0	µg/L
o-Xylene	95-47-6	U	2.0	µg/L
Surr: 1,2,4-Trichlorobenzene (S)	120-82-1	110	QC Limits: 60-140	%REC



 Analyst



 Approved

Notes: Total Xylenes consist of three isomers, two of which co-elute. The Xylene RL is for a single peak. Confirmation analysis was not performed.

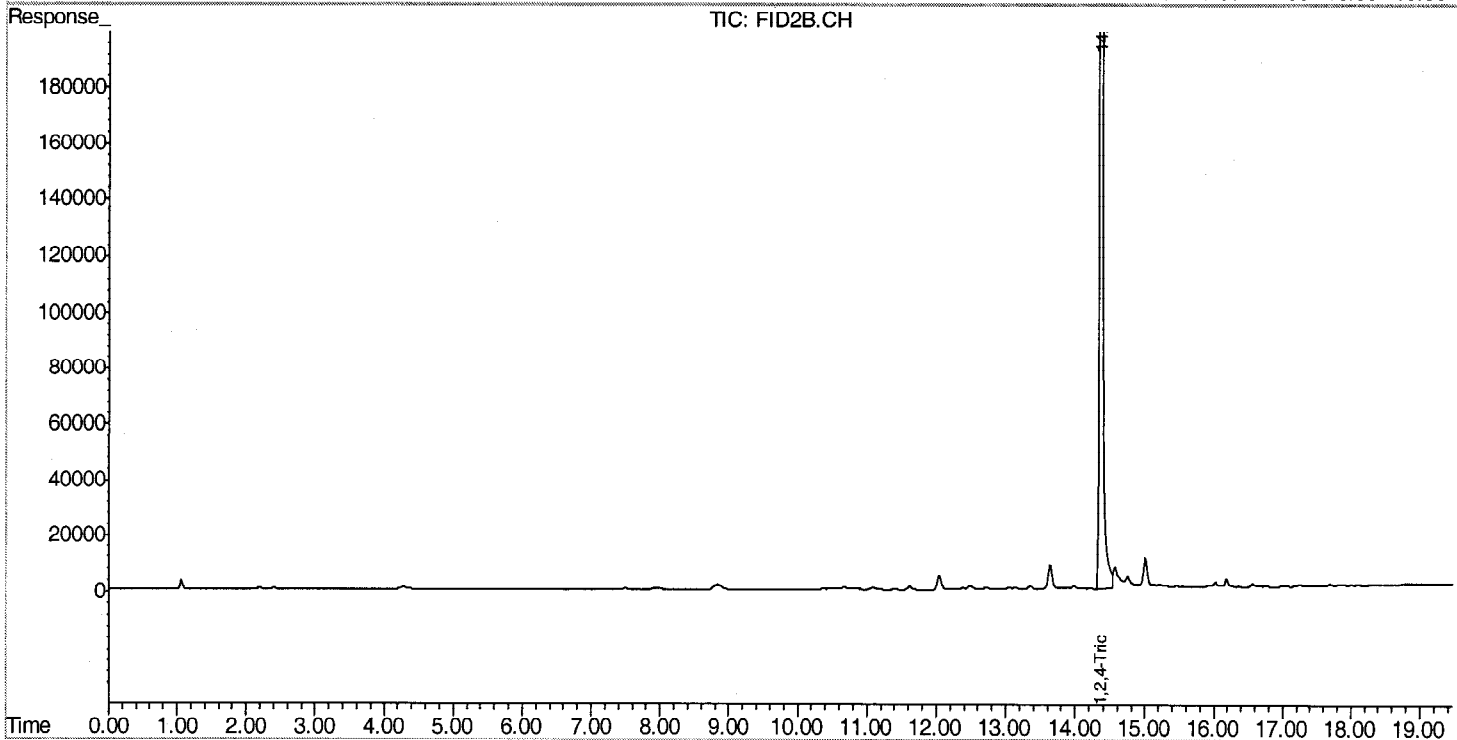
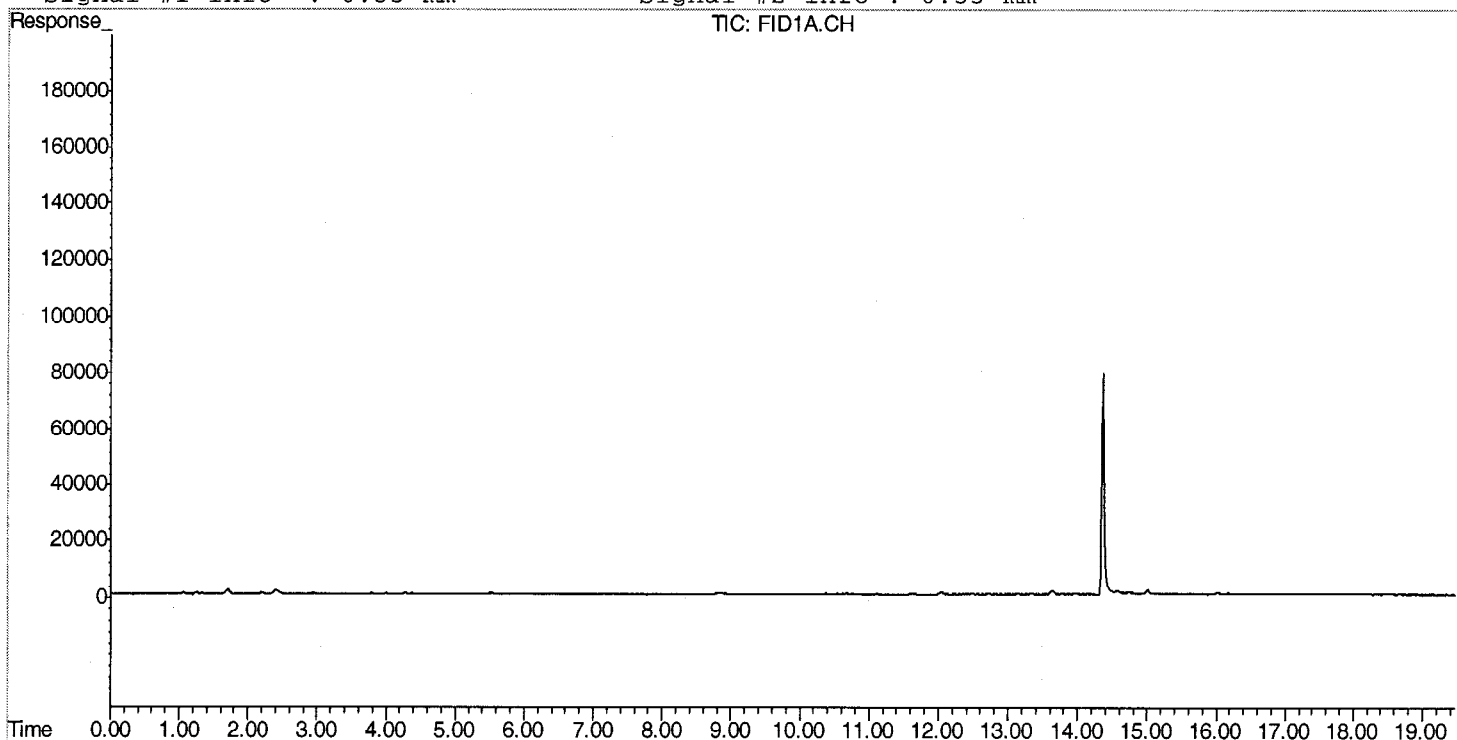
Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
 E - Extrapolated value. Value exceeds calibration range
 H - Sample analysis exceeded analytical holding time
 J - Indicates an estimated value when the compound is detected, but is below the LQL
 S - Spike Recovery outside accepted limits
 U - Compound analyzed for but not detected
 X - See case narrative
 * - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: LQL - Lower Quantitation Limit
 Surr - Surrogate

Signal #1 : Z:\091709\TA2325.D\FID1A.CH Vial: 40
 Signal #2 : Z:\091709\TA2325.D\FID2B.CH
 Acq On : 18 Sep 2009 9:05 am Operator: laurac
 Sample : 09-7465-11A Inst : TVHBTEX2
 Misc : ,SAMP,8021_W,TVH_W,1,|GC236,GTA126,,,,,1 Multiplr: 1.00
 IntFile Signal #1: TVH1.E IntFile Signal #2: FB2.E
 Quant Time: Sep 19 12:08 2009 Quant Results File: TW20901.RES

Quant Method : C:\MSDCHEM\1\METHODS\TW20901.M (Chemstation Integrator)
 Title : 8015B/8021B TVH/BTEX
 Last Update : Thu Sep 17 15:35:25 2009
 Response via : Multiple Level Calibration
 DataAcq Meth : TVB2.M

Volume Inj. :
 Signal #1 Phase : DB-624 Signal #2 Phase: DB-624
 Signal #1 Info : 0.53 mm Signal #2 Info : 0.53 mm



Evergreen Analytical, Inc.
 4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
 (303) 425-6021

Client Sample ID: MW7
Client Project ID:
Date Collected: 9/16/2009
Date Received: 9/17/2009

Lab Work Order: 09-7465
Lab Sample ID: 09-7465-12A
Sample Matrix: Water

AROMATIC VOLATILE ORGANICS

Method: SW8021B

Prep Method: SW5030B

Date Prepared: 9/17/2009

Lab File ID: TA2326.D\FID1A.CH

Dilution Factor: 1

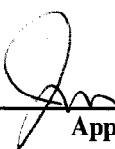
Date Analyzed: 9/18/2009

Method Blank: MB2091709-2

Analytes	CAS Number	Result	LQL	Units
Benzene	71-43-2	U	1.0	µg/L
Toluene	108-88-3	U	2.0	µg/L
Ethylbenzene	100-41-4	U	2.0	µg/L
m,p-Xylene	1330-20-7	U	2.0	µg/L
o-Xylene	95-47-6	U	2.0	µg/L
Surr: 1,2,4-Trichlorobenzene (S)	120-82-1	107	QC Limits: 60-140	%REC



Analyst



Approved

Notes: Total Xylenes consist of three isomers, two of which co-elute. The Xylene RL is for a single peak. Confirmation analysis was not performed.

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
 E - Extrapolated value. Value exceeds calibration range
 H - Sample analysis exceeded analytical holding time
 J - Indicates an estimated value when the compound is detected, but is below the LQL
 S - Spike Recovery outside accepted limits
 U - Compound analyzed for but not detected
 X - See case narrative
 * - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

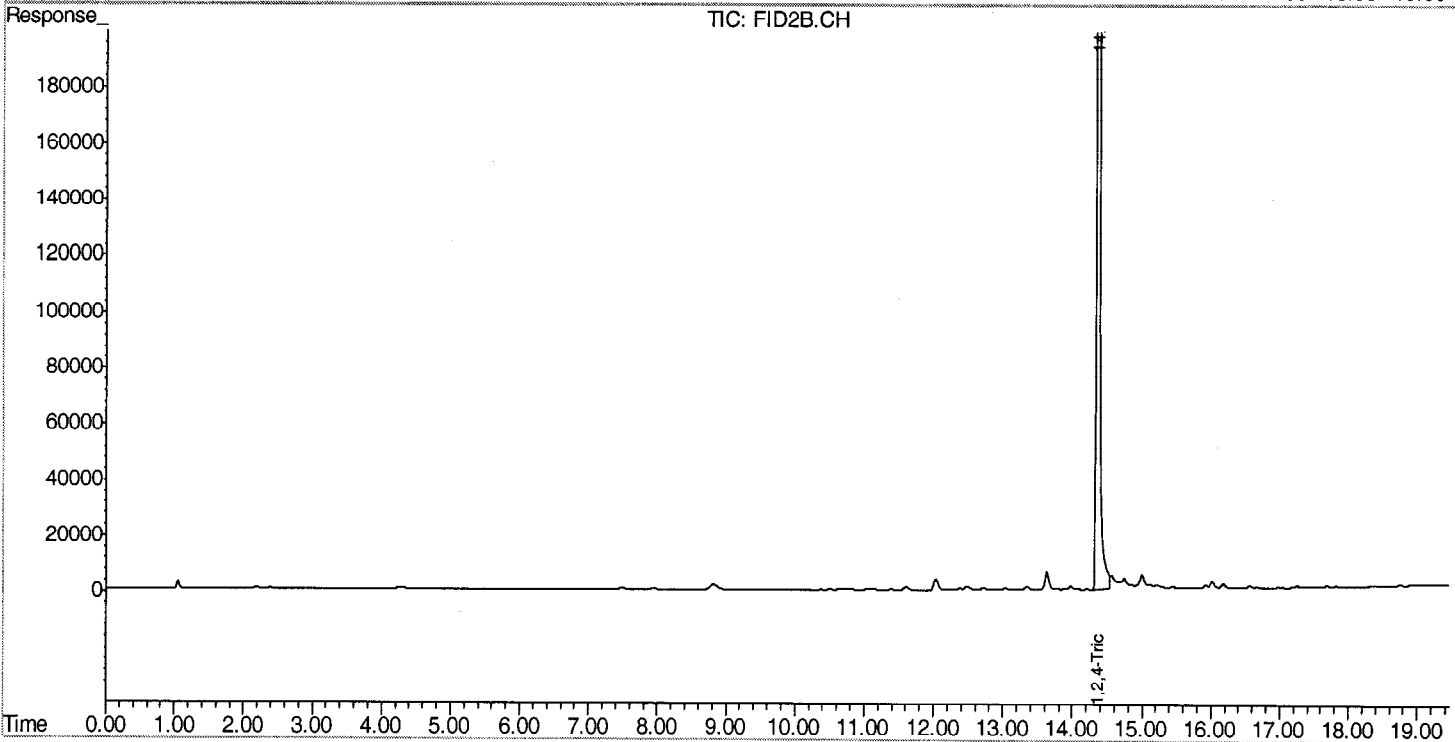
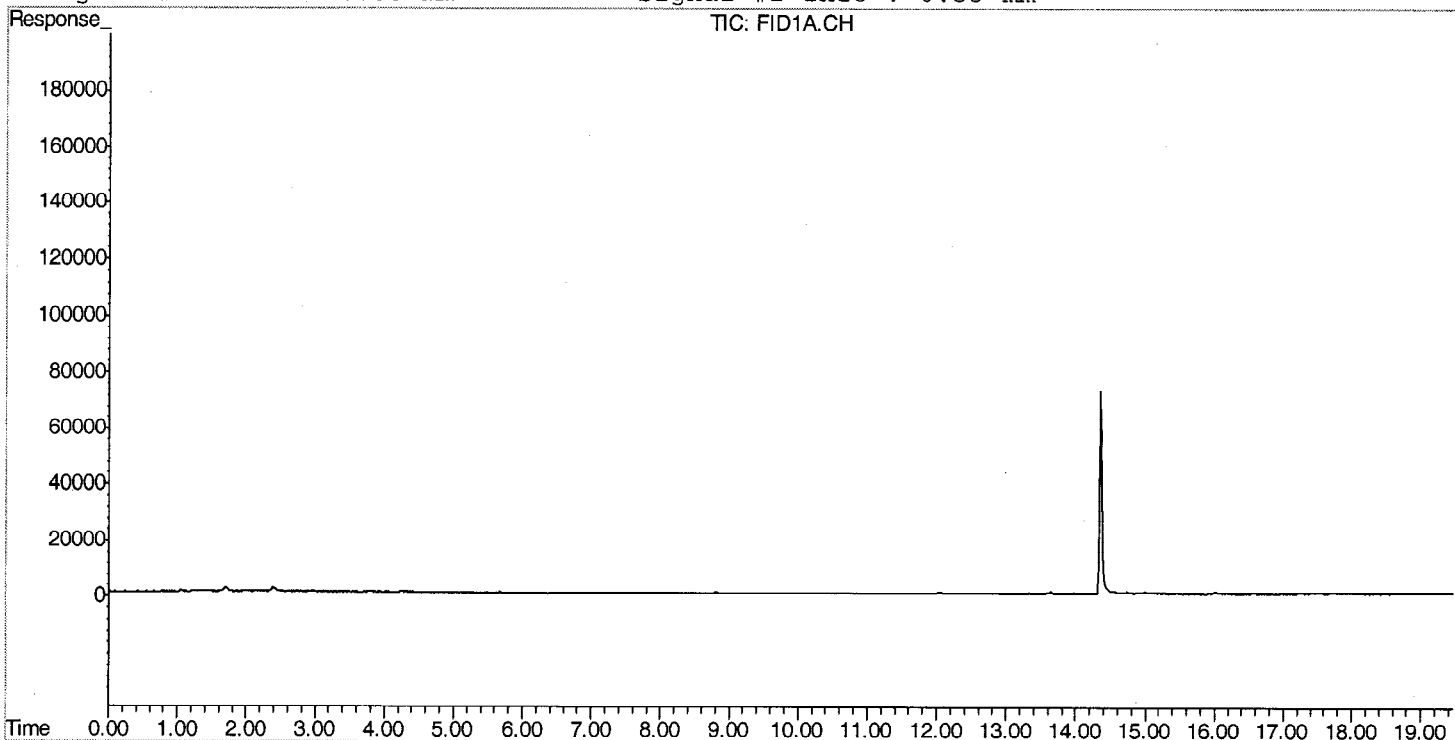
Definitions: LQL - Lower Quantitation Limit
 Surr - Surrogate

Print Date: 9/19/2009

Signal #1 : Z:\091709\TA2326.D\FID1A.CH Vial: 41
 Signal #2 : Z:\091709\TA2326.D\FID2B.CH
 Acq On : 18 Sep 2009 9:40 am Operator: laurac
 Sample : 09-7465-12A Inst : TVHBTEX2
 Misc : ,SAMP,8021_W,TVH_W,1,|GC236,GTA126,,,,,1 Multiplr: 1.00
 IntFile Signal #1: TVH1.E IntFile Signal #2: FB2.E
 Quant Time: Sep 19 12:09 2009 Quant Results File: TW20901.RES

Quant Method : C:\MSDCHEM\1\METHODS\TW20901.M (Chemstation Integrator)
 Title : 8015B/8021B TVH/BTEX
 Last Update : Thu Sep 17 15:35:25 2009
 Response via : Multiple Level Calibration
 DataAcq Meth : TVB2.M

Volume Inj. :
 Signal #1 Phase : DB-624 Signal #2 Phase: DB-624
 Signal #1 Info : 0.53 mm Signal #2 Info : 0.53 mm



Evergreen Analytical, Inc.
 4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
 (303) 425-6021

Client Sample ID: MW23
 Client Project ID:
 Date Collected: 9/16/2009
 Date Received: 9/17/2009

Lab Work Order: 09-7465
 Lab Sample ID: 09-7465-13A
 Sample Matrix: Water

AROMATIC VOLATILE ORGANICS

Method: SW8021B

Prep Method: SW5030B

Date Prepared: 9/17/2009

Lab File ID: TA2327.D\FID1A.CH


Dilution Factor: 1

Date Analyzed: 9/18/2009

Method Blank: MB2091709-2

Analytes	CAS Number	Result	LQL	Units
Benzene	71-43-2	U	1.0	µg/L
Toluene	108-88-3	U	2.0	µg/L
Ethylbenzene	100-41-4	U	2.0	µg/L
m,p-Xylene	1330-20-7	U	2.0	µg/L
o-Xylene	95-47-6	U	2.0	µg/L
Surr: 1,2,4-Trichlorobenzene (S)	120-82-1	114	QC Limits: 60-140	%REC


 Analyst


 Approved

Notes: Total Xylenes consist of three isomers, two of which co-elute. The Xylene RL is for a single peak. Confirmation analysis was not performed.

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
 E - Extrapolated value. Value exceeds calibration range
 H - Sample analysis exceeded analytical holding time
 J - Indicates an estimated value when the compound is detected, but is below the LQL
 S - Spike Recovery outside accepted limits
 U - Compound analyzed for but not detected
 X - See case narrative
 * - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

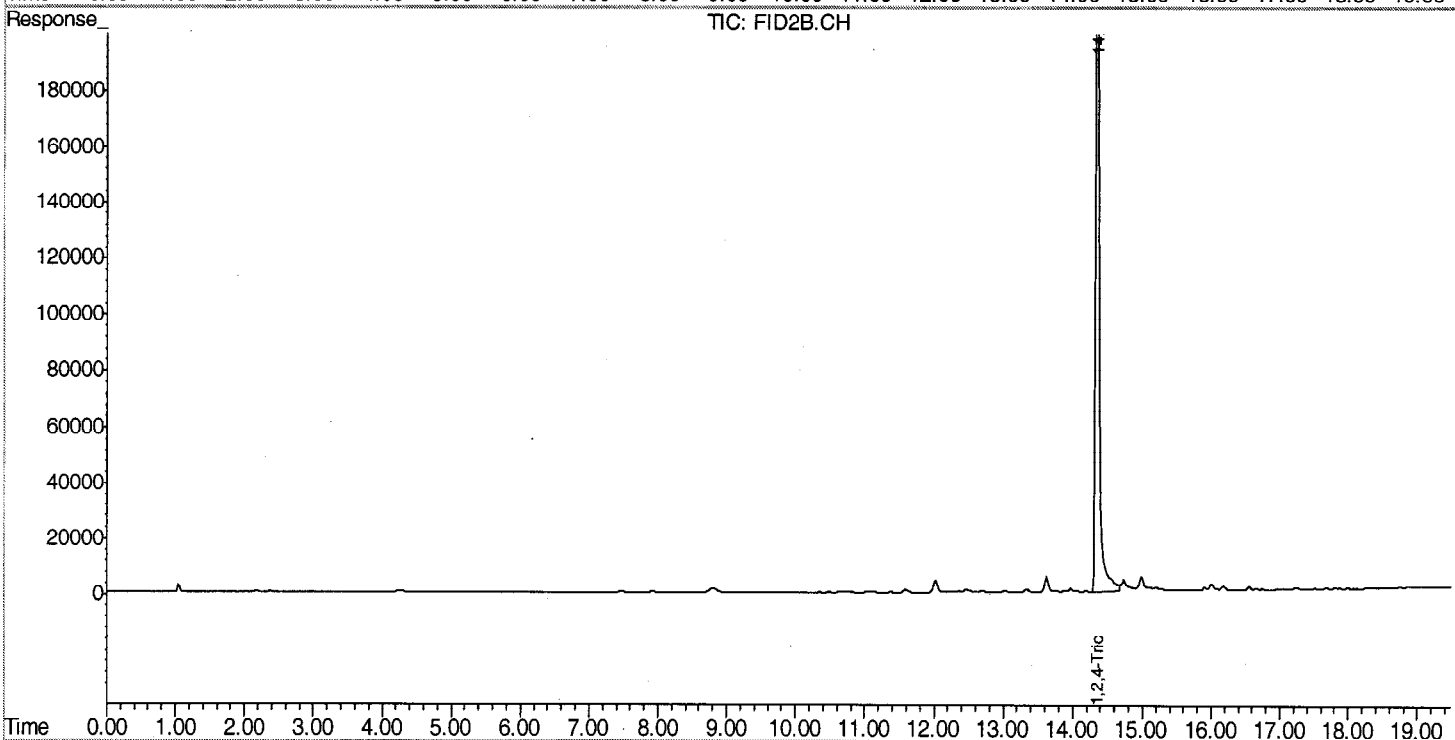
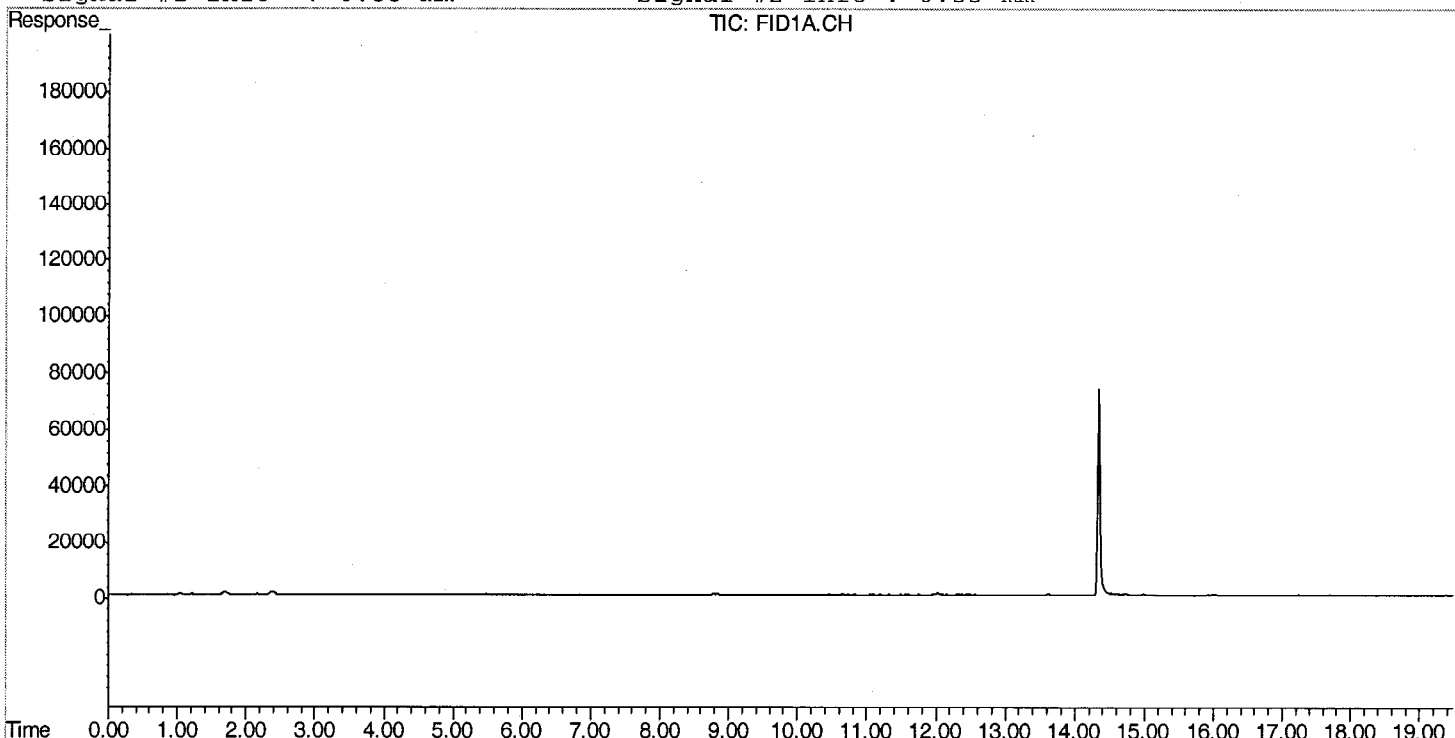
Definitions: LQL - Lower Quantitation Limit
 Surr - Surrogate

Print Date: 9/19/2009

Signal #1 : Z:\091709\TA2327.D\FID1A.CH Vial: 42
 Signal #2 : Z:\091709\TA2327.D\FID2B.CH
 Acq On : 18 Sep 2009 10:16 am Operator: laurac
 Sample : 09-7465-13A Inst : TVHBTEX2
 Misc : ,SAMP,8021_W,TVH_W,1,|GC236,GTA126,,,,,1 Multiplr: 1.00
 IntFile Signal #1: TVH1.E IntFile Signal #2: FB2.E
 Quant Time: Sep 19 12:09 2009 Quant Results File: TW20901.RES

Quant Method : C:\MSDCHEM\1\METHODS\TW20901.M (Chemstation Integrator)
 Title : 8015B/8021B TVH/BTEX
 Last Update : Thu Sep 17 15:35:25 2009
 Response via : Multiple Level Calibration
 DataAcq Meth : TVB2.M

Volume Inj. :
 Signal #1 Phase : DB-624 Signal #2 Phase: DB-624
 Signal #1 Info : 0.53 mm Signal #2 Info : 0.53 mm



Evergreen Analytical, Inc.
 4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
 (303) 425-6021

Client Sample ID: MW27
 Client Project ID:
 Date Collected: 9/16/2009
 Date Received: 9/17/2009

Lab Work Order: 09-7465
 Lab Sample ID: 09-7465-14A
 Sample Matrix: Water

AROMATIC VOLATILE ORGANICS

Method: SW8021B

Prep Method: SW5030B

Date Prepared: 9/17/2009

Lab File ID: TA2328.D\FID1A.CH

Dilution Factor: 1


Date Analyzed: 9/18/2009

Method Blank: MB2091709-2

Analytes	CAS Number	Result	LQL	Units
Benzene	71-43-2	U	1.0	µg/L
Toluene	108-88-3	U	2.0	µg/L
Ethylbenzene	100-41-4	U	2.0	µg/L
m,p-Xylene	1330-20-7	U	2.0	µg/L
o-Xylene	95-47-6	U	2.0	µg/L
Surr: 1,2,4-Trichlorobenzene (S)	120-82-1	110	QC Limits: 60-140	%REC



 Analyst



 Approved

Notes: Total Xylenes consist of three isomers, two of which co-elute. The Xylene RL is for a single peak. Confirmation analysis was not performed.

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
 E - Extrapolated value. Value exceeds calibration range
 H - Sample analysis exceeded analytical holding time
 J - Indicates an estimated value when the compound is detected, but is below the LQL
 S - Spike Recovery outside accepted limits
 U - Compound analyzed for but not detected
 X - See case narrative
 * - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

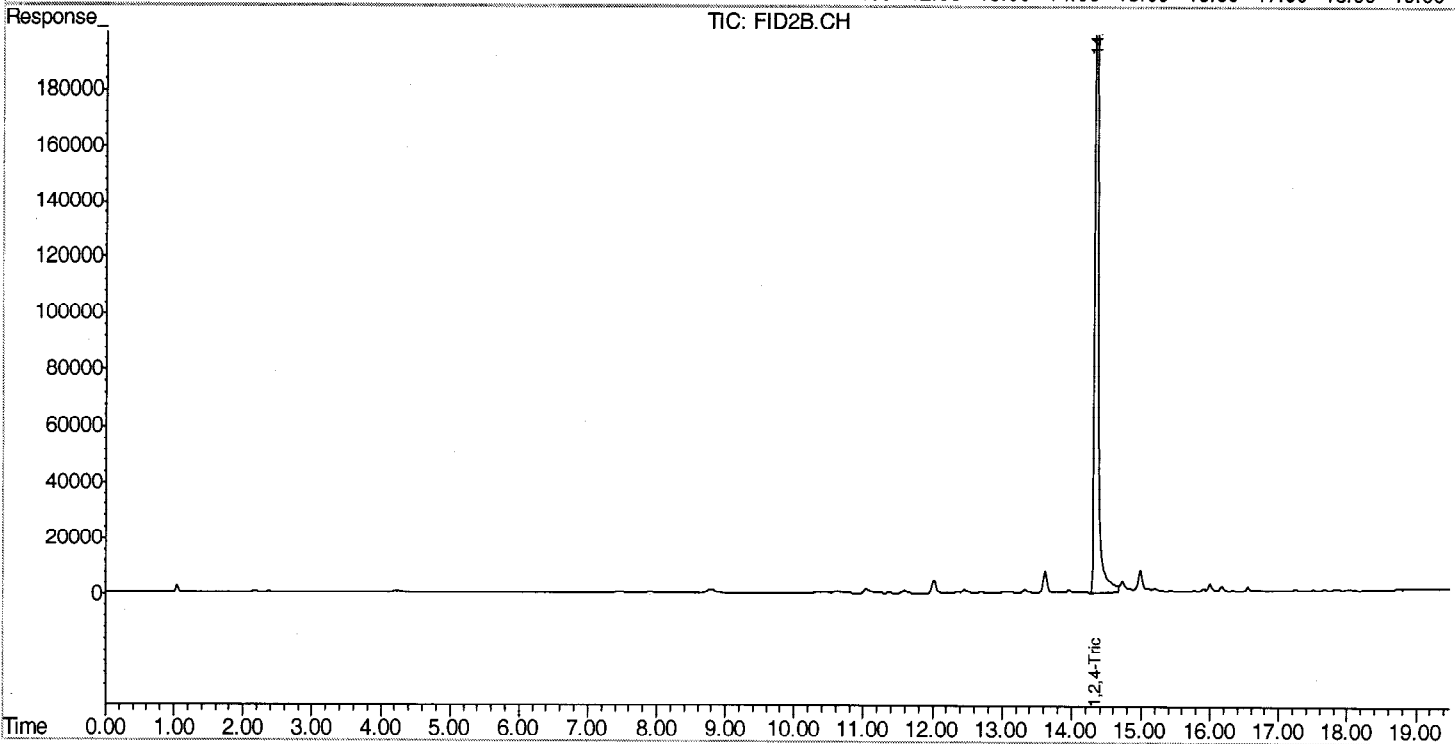
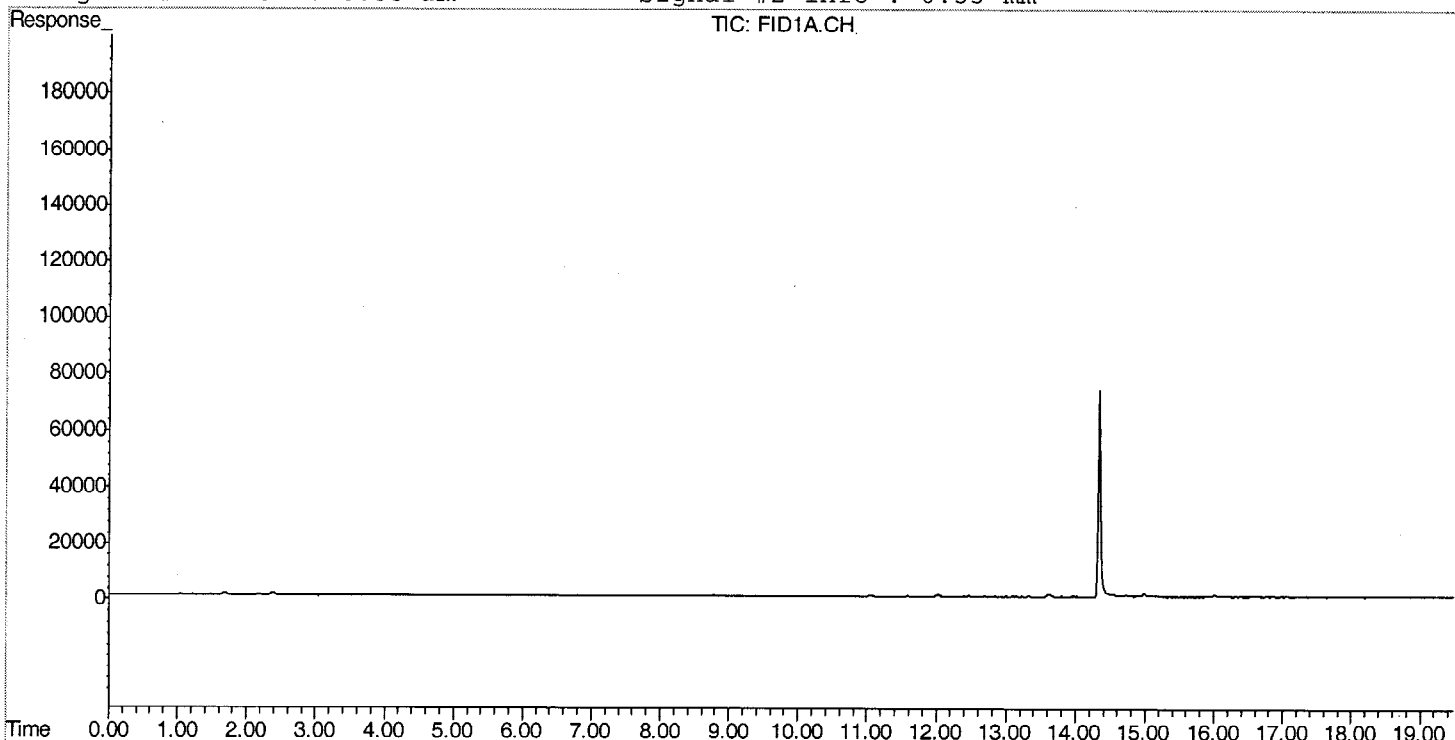
Definitions: LQL - Lower Quantitation Limit
 Surr - Surrogate

Print Date: 9/19/2009

Signal #1 : Z:\091709\TA2328.D\FID1A.CH Vial: 43
 Signal #2 : Z:\091709\TA2328.D\FID2B.CH
 Acq On : 18 Sep 2009 10:51 am Operator: laurac
 Sample : 09-7465-14A Inst : TVHBTEX2
 Misc : ,SAMP,8021_W,TVH_W,1,GC236,GTA126,,,,,1 Multiplr: 1.00
 IntFile Signal #1: TVH1.E IntFile Signal #2: FB2.E
 Quant Time: Sep 19 12:09 2009 Quant Results File: TW20901.RES.

Quant Method : C:\MSDCHEM\1\METHODS\TW20901.M (Chemstation Integrator)
 Title : 8015B/8021B TVH/BTEX
 Last Update : Thu Sep 17 15:35:25 2009
 Response via : Multiple Level Calibration
 DataAcq Meth : TVB2.M

Volume Inj. :
 Signal #1 Phase : DB-624 Signal #2 Phase: DB-624
 Signal #1 Info : 0.53 mm Signal #2 Info : 0.53 mm



Evergreen Analytical, Inc.
 4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
 (303) 425-6021

Client Sample ID: EICH2WW
Client Project ID:
Date Collected: 9/16/2009
Date Received: 9/17/2009

Lab Work Order: 09-7465
Lab Sample ID: 09-7465-15A
Sample Matrix: Water

AROMATIC VOLATILE ORGANICS

Method: SW8021B

Prep Method: SW5030B

Date Prepared: 9/17/2009

Lab File ID: TA2329.D\FID1A.CH

Dilution Factor: 1

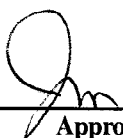
Date Analyzed: 9/18/2009

Method Blank: MB2091709-2

Analytes	CAS Number	Result	LQL	Units
Benzene	71-43-2	U	1.0	µg/L
Toluene	108-88-3	U	2.0	µg/L
Ethylbenzene	100-41-4	U	2.0	µg/L
m,p-Xylene	1330-20-7	U	2.0	µg/L
o-Xylene	95-47-6	U	2.0	µg/L
Surr: 1,2,4-Trichlorobenzene (S)	120-82-1	109	QC Limits: 60-140	%REC



Analyst



Approved

Notes: Total Xylenes consist of three isomers, two of which co-elute. The Xylene RL is for a single peak. Confirmation analysis was not performed.

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
 E - Extrapolated value. Value exceeds calibration range
 H - Sample analysis exceeded analytical holding time
 J - Indicates an estimated value when the compound is detected, but is below the LQL
 S - Spike Recovery outside accepted limits
 U - Compound analyzed for but not detected
 X - See case narrative
 * - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

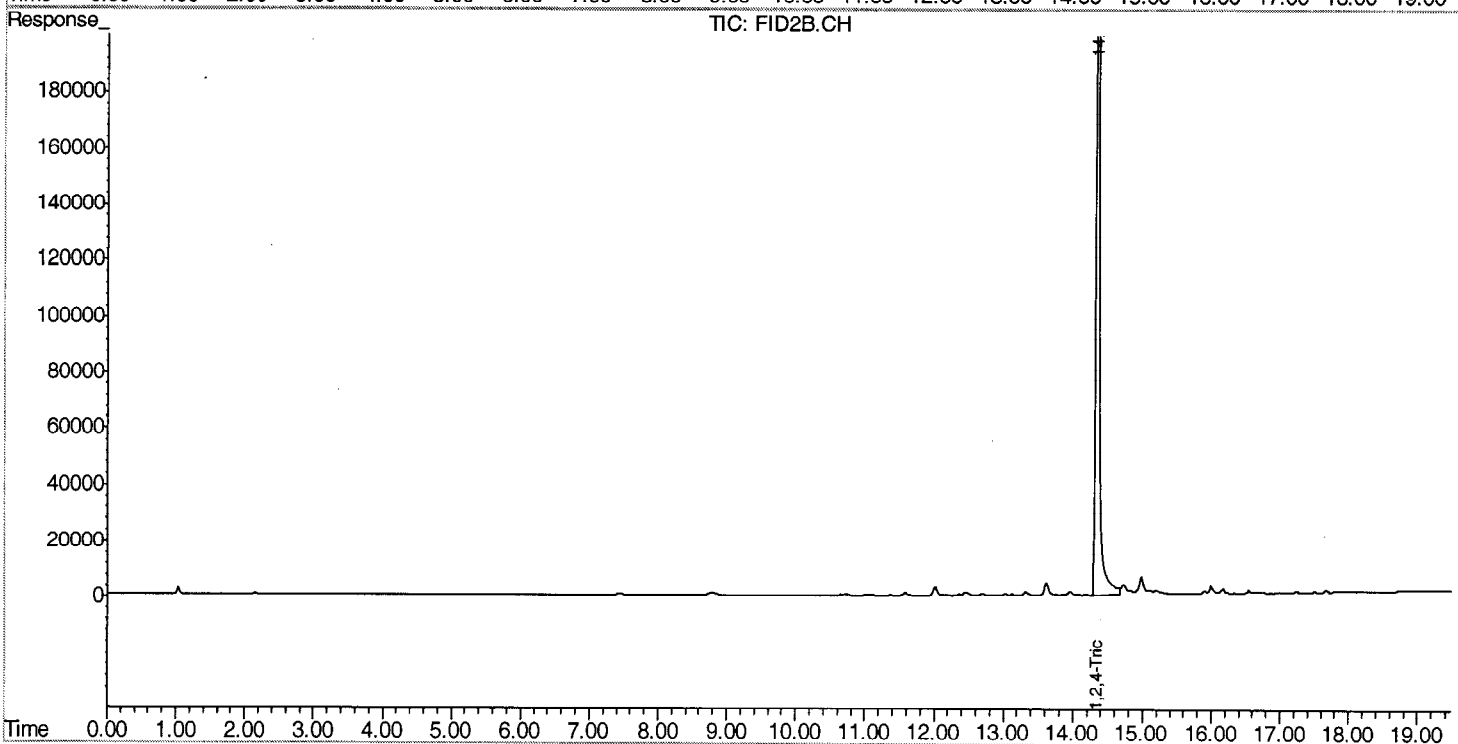
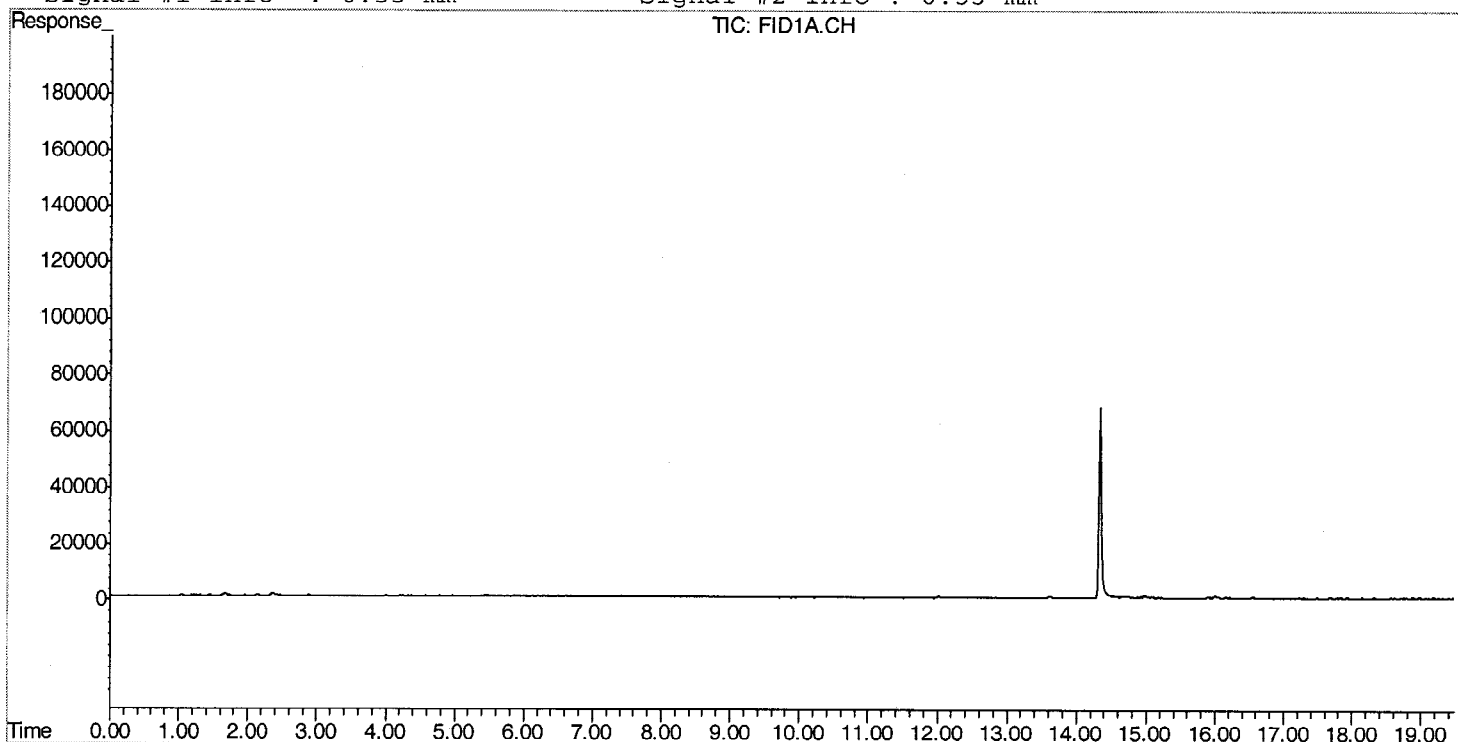
Definitions: LQL - Lower Quantitation Limit
 Surr - Surrogate

Print Date: 9/19/2009

Signal #1 : Z:\091709\TA2329.D\FID1A.CH Vial: 44
 Signal #2 : Z:\091709\TA2329.D\FID2B.CH
 Acq On : 18 Sep 2009 11:26 am Operator: laurac
 Sample : 09-7465-15A Inst : TVHBTEX2
 Misc : ,SAMP,8021_W,TVH_W,1,|GC236,GTA126,,,,,1 Multiplr: 1.00
 IntFile Signal #1: TVH1.E IntFile Signal #2: FB2.E
 Quant Time: Sep 19 12:09 2009 Quant Results File: TW20901.RES

Quant Method : C:\MSDCHEM\1\METHODS\TW20901.M (Chemstation Integrator)
 Title : 8015B/8021B TVH/BTEX
 Last Update : Thu Sep 17 15:35:25 2009
 Response via : Multiple Level Calibration
 DataAcq Meth : TVB2.M

Volume Inj. :
 Signal #1 Phase : DB-624 Signal #2 Phase: DB-624
 Signal #1 Info : 0.53 mm Signal #2 Info : 0.53 mm



Evergreen Analytical, Inc.

4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client Sample ID: MW14
 Client Project ID:
 Date Collected: 9/16/2009
 Date Received: 9/17/2009

Lab Work Order: 09-7465
 Lab Sample ID: 09-7465-16A
 Sample Matrix: Water

AROMATIC VOLATILE ORGANICS

Method: SW8021B

Prep Method: SW5030B

Date Prepared: 9/17/2009

Lab File ID: TA2330.D\FID1A.CH

Dilution Factor: 1

Date Analyzed: 9/18/2009

Method Blank: MB2091709-2

Analytes	CAS Number	Result	LQL	Units
Benzene	71-43-2	1.9	1.0	µg/L
Toluene	108-88-3	U	2.0	µg/L
Ethylbenzene	100-41-4	U	2.0	µg/L
m,p-Xylene	1330-20-7	U	2.0	µg/L
o-Xylene	95-47-6	U	2.0	µg/L
Surr: 1,2,4-Trichlorobenzene (S)	120-82-1	112	QC Limits: 60-140	%REC



Analyst



Approved

Notes: Total Xylenes consist of three isomers, two of which co-elute. The Xylene RL is for a single peak. Confirmation analysis was not performed.

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
 E - Extrapolated value. Value exceeds calibration range
 H - Sample analysis exceeded analytical holding time
 J - Indicates an estimated value when the compound is detected, but is below the LQL
 S - Spike Recovery outside accepted limits
 U - Compound analyzed for but not detected
 X - See case narrative
 * - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

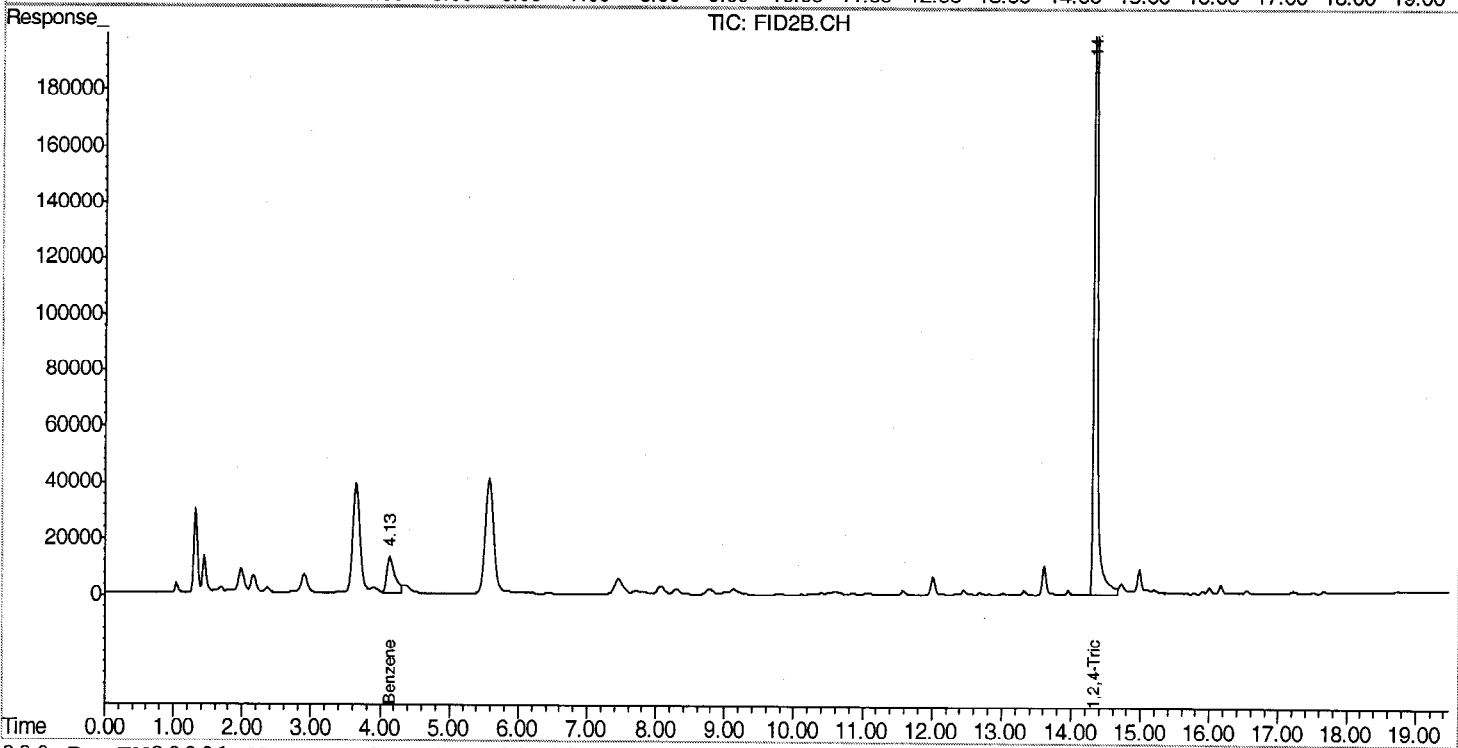
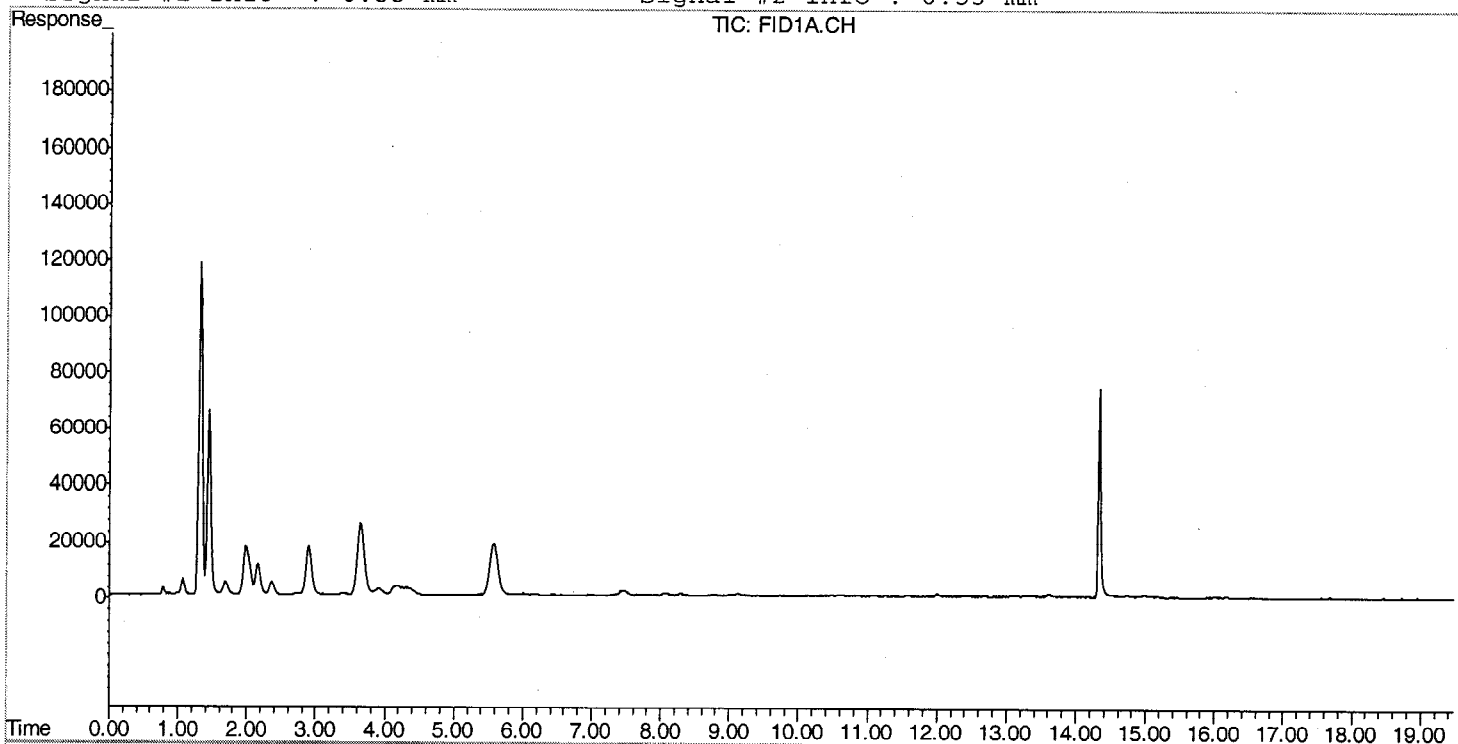
Definitions: LQL - Lower Quantitation Limit
 Surr - Surrogate

Print Date: 9/19/2009

Signal #1 : Z:\091709\TA2330.D\FID1A.CH Vial: 45
 Signal #2 : Z:\091709\TA2330.D\FID2B.CH
 Acq On : 18 Sep 2009 12:02 pm Operator: laurac
 Sample : 09-7465-16A Inst : TVHBTEX2
 Misc : ,SAMP,8021_W,TVH_W,1,|GC236,GTA126,,,,,1 Multiplr: 1.00
 IntFile Signal #1: TVH1.E IntFile Signal #2: FB2.E
 Quant Time: Sep 19 12:10 2009 Quant Results File: TW20901.RES

Quant Method : C:\MSDCHEM\1\METHODS\TW20901.M (Chemstation Integrator)
 Title : 8015B/8021B TVH/BTEX
 Last Update : Thu Sep 17 15:35:25 2009
 Response via : Multiple Level Calibration
 DataAcq Meth : TVB2.M

Volume Inj. :
 Signal #1 Phase : DB-624 Signal #2 Phase: DB-624
 Signal #1 Info : 0.53 mm Signal #2 Info : 0.53 mm



Evergreen Analytical, Inc.
 4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
 (303) 425-6021

Client Sample ID: MW9
Client Project ID:
Date Collected: 9/16/2009
Date Received: 9/17/2009

Lab Work Order: 09-7465
Lab Sample ID: 09-7465-17A
Sample Matrix: Water

AROMATIC VOLATILE ORGANICS

Method: SW8021B

Prep Method: SW5030B

Date Prepared: 9/17/2009

Lab File ID: TA2331.D\FID1A.CH

Dilution Factor: 1

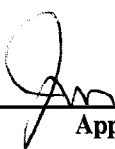
Date Analyzed: 9/18/2009

Method Blank: MB2091709-2

Analytes	CAS Number	Result	LQL	Units
Benzene	71-43-2	1.3	1.0	µg/L
Toluene	108-88-3	U	2.0	µg/L
Ethylbenzene	100-41-4	U	2.0	µg/L
m,p-Xylene	1330-20-7	U	2.0	µg/L
o-Xylene	95-47-6	U	2.0	µg/L
Surr: 1,2,4-Trichlorobenzene (S)	120-82-1	112	QC Limits: 60-140	%REC



 Analyst



 Approved

Notes: Total Xylenes consist of three isomers, two of which co-elute. The Xylene RL is for a single peak. Confirmation analysis was not performed.

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
 E - Extrapolated value. Value exceeds calibration range
 H - Sample analysis exceeded analytical holding time
 J - Indicates an estimated value when the compound is detected, but is below the LQL
 S - Spike Recovery outside accepted limits
 U - Compound analyzed for but not detected
 X - See case narrative
 * - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

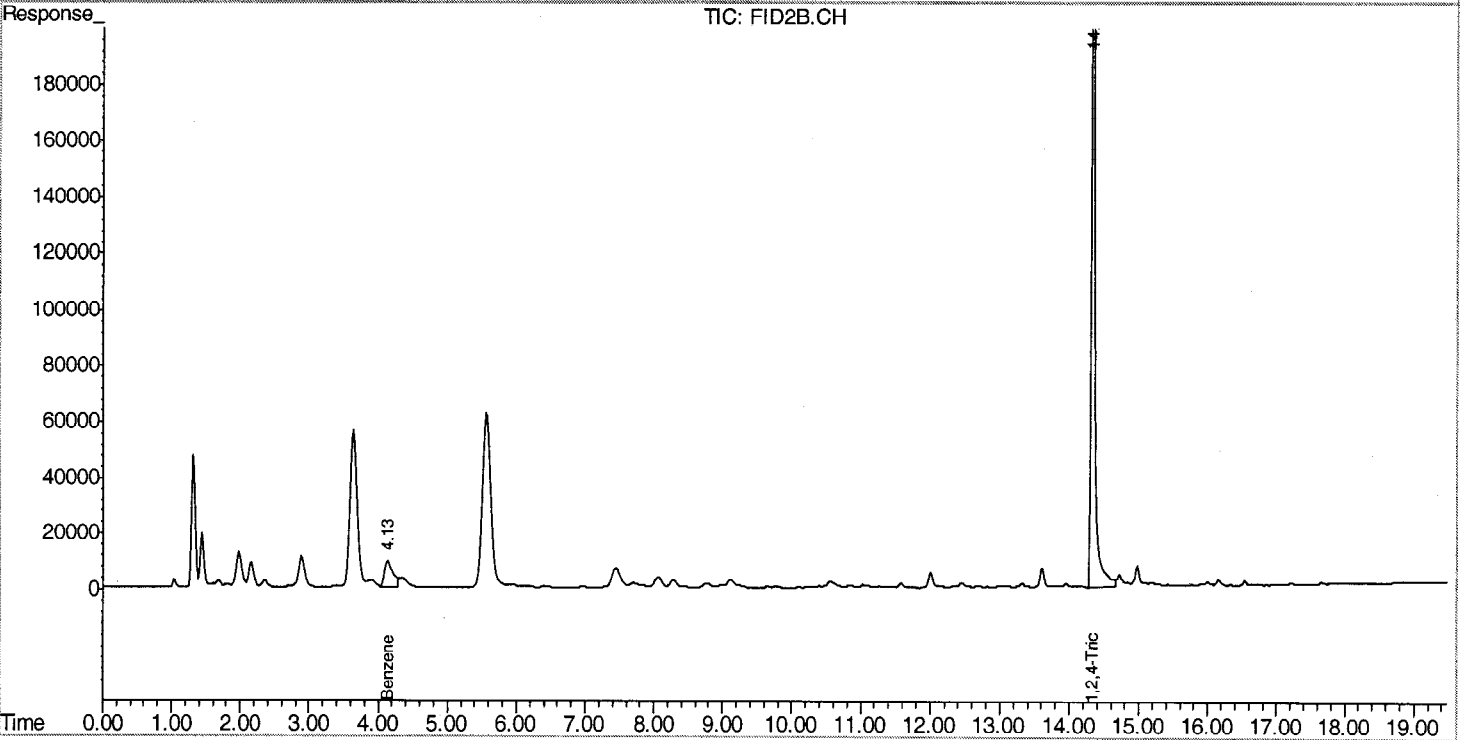
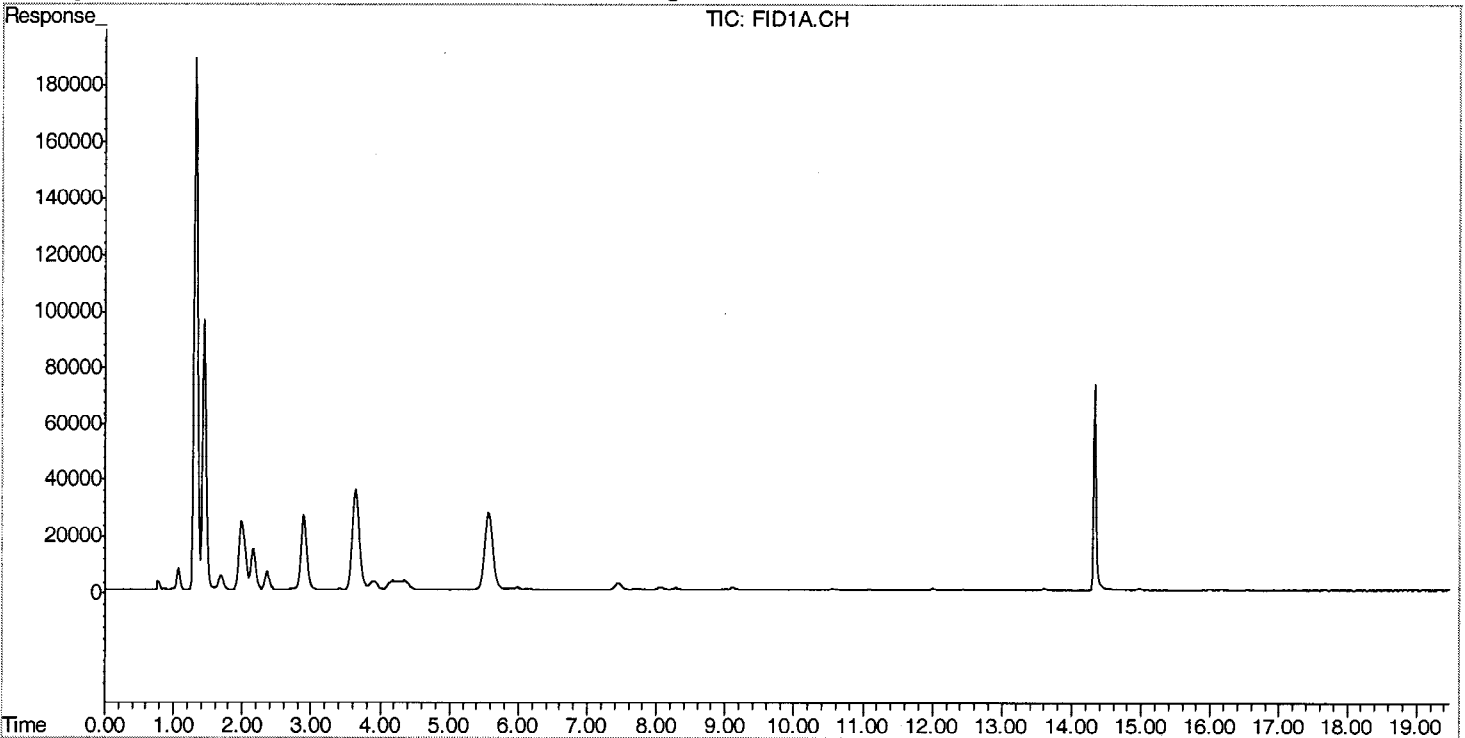
Definitions: LQL - Lower Quantitation Limit
 Surr - Surrogate

Print Date: 9/19/2009

Signal #1 : Z:\091709\TA2331.D\FID1A.CH Vial: 46
 Signal #2 : Z:\091709\TA2331.D\FID2B.CH
 Acq On : 18 Sep 2009 12:37 pm Operator: laurac
 Sample : 09-7465-17A Inst : TVHBTEX2
 Misc : ,SAMP,8021_W,TVH_W,1,|GC236,GTA126,,,,,1 Multiplr: 1.00
 IntFile Signal #1: TVH1.E IntFile Signal #2: FB2.E
 Quant Time: Sep 19 12:10 2009 Quant Results File: TW20901.RES

Quant Method : C:\MSDCHEM\1\METHODS\TW20901.M (Chemstation Integrator)
 Title : 8015B/8021B TVH/BTEX
 Last Update : Thu Sep 17 15:35:25 2009
 Response via : Multiple Level Calibration
 DataAcq Meth : TVB2.M

Volume Inj. :
 Signal #1 Phase : DB-624 Signal #2 Phase: DB-624
 Signal #1 Info : 0.53 mm Signal #2 Info : 0.53 mm



Evergreen Analytical, Inc.
 4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
 (303) 425-6021

Client Sample ID: MW12
 Client Project ID:
 Date Collected: 9/16/2009
 Date Received: 9/17/2009

Lab Work Order: 09-7465
 Lab Sample ID: 09-7465-18A
 Sample Matrix: Water

AROMATIC VOLATILE ORGANICS

Method: SW8021B

Prep Method: SW5030B

Date Prepared: 9/17/2009

Lab File ID: TA2332.D\FID1A.CH

Dilution Factor: 1

Date Analyzed: 9/18/2009

Method Blank: MB2091709-2

Analytes	CAS Number	Result	LQL	Units
Benzene	71-43-2	1.0	1.0	µg/L
Toluene	108-88-3	U	2.0	µg/L
Ethylbenzene	100-41-4	U	2.0	µg/L
m,p-Xylene	1330-20-7	U	2.0	µg/L
o-Xylene	95-47-6	U	2.0	µg/L
Surr: 1,2,4-Trichlorobenzene (S)	120-82-1	110	QC Limits: 60-140	%REC



 Analyst



 Approved

Notes: Total Xylenes consist of three isomers, two of which co-elute. The Xylene RL is for a single peak. Confirmation analysis was not performed.

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
 E - Extrapolated value. Value exceeds calibration range
 H - Sample analysis exceeded analytical holding time
 J - Indicates an estimated value when the compound is detected, but is below the LQL
 S - Spike Recovery outside accepted limits
 U - Compound analyzed for but not detected
 X - See case narrative
 * - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

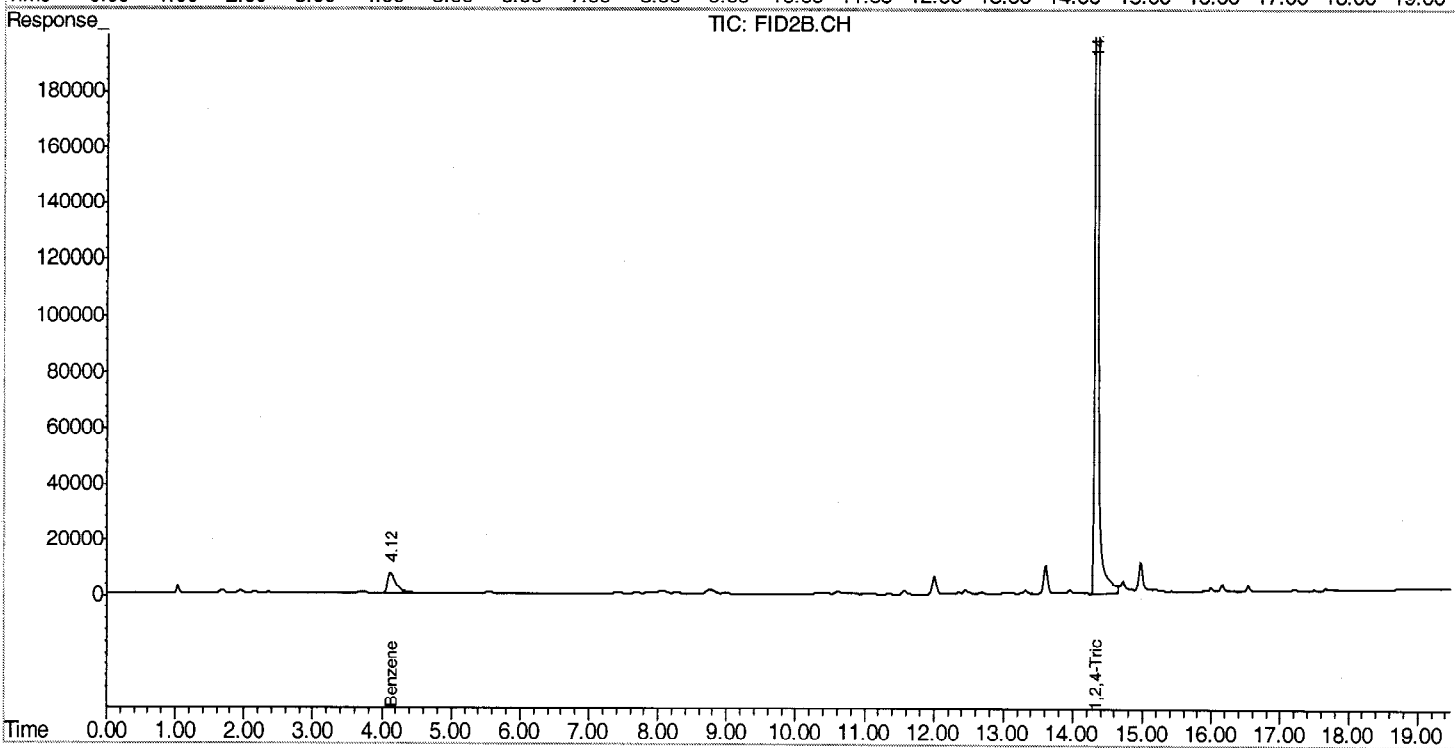
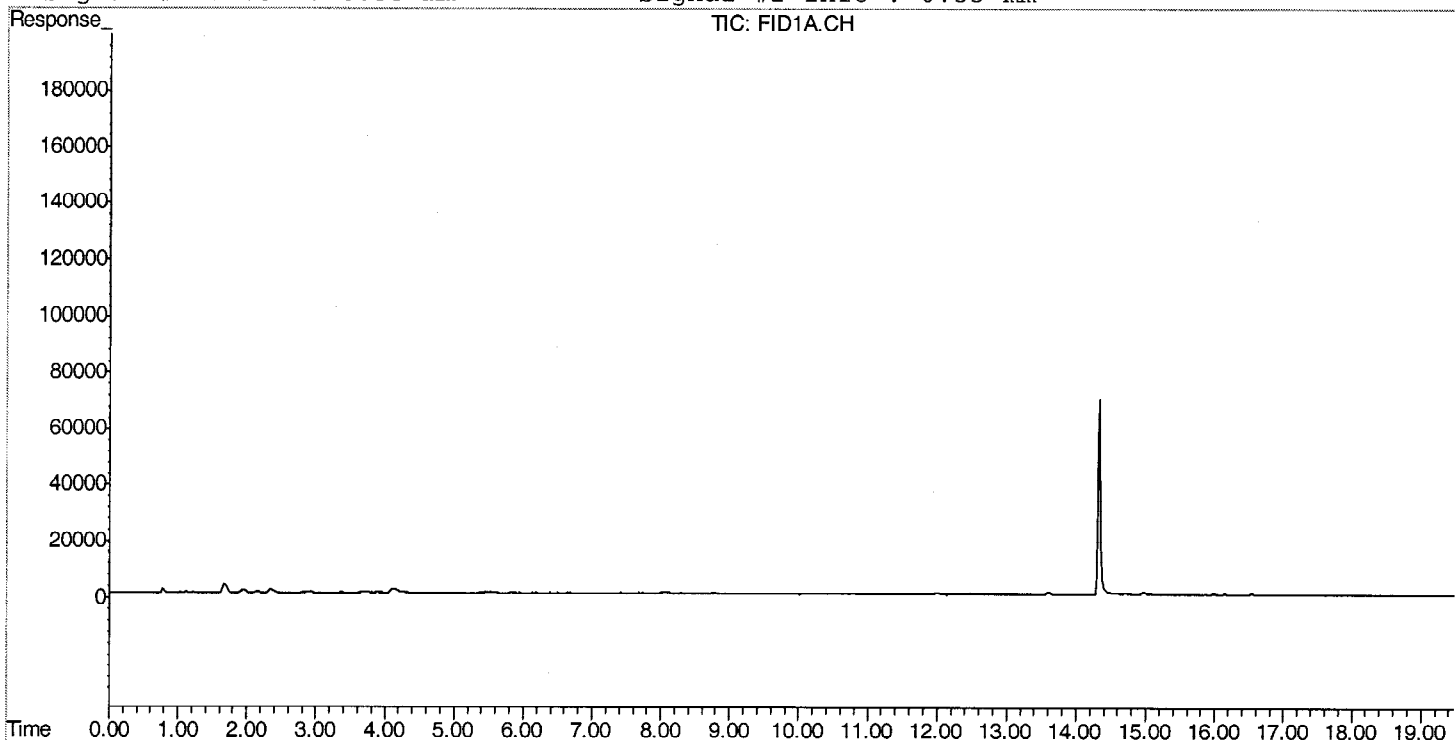
Definitions: LQL - Lower Quantitation Limit
 Surr - Surrogate

Print Date: 9/19/2009

Signal #1 : Z:\091709\TA2332.D\FID1A.CH Vial: 47
 Signal #2 : Z:\091709\TA2332.D\FID2B.CH
 Acq On : 18 Sep 2009 1:13 pm Operator: laurac
 Sample : 09-7465-18A Inst : TVHBTEX2
 Misc : ,SAMP,8021_W,TVH_W,1,|GC236,GTA126,,,,,1 Multiplr: 1.00
 IntFile Signal #1: TVH1.E IntFile Signal #2: FB2.E
 Quant Time: Sep 19 12:10 2009 Quant Results File: TW20901.RES

Quant Method : C:\MSDCHEM\1\METHODS\TW20901.M (Chemstation Integrator)
 Title : 8015B/8021B TVH/BTEX
 Last Update : Thu Sep 17 15:35:25 2009
 Response via : Multiple Level Calibration
 DataAcq Meth : TVB2.M

Volume Inj. :
 Signal #1 Phase : DB-624 Signal #2 Phase: DB-624
 Signal #1 Info : 0.53 mm Signal #2 Info : 0.53 mm



Evergreen Analytical, Inc.
 4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
 (303) 425-6021

Client Sample ID: MW16D
Client Project ID:
Date Collected: 9/16/2009
Date Received: 9/17/2009

Lab Work Order: 09-7465
Lab Sample ID: 09-7465-19A
Sample Matrix: Water

AROMATIC VOLATILE ORGANICS

Method: SW8021B

Prep Method: SW5030B

Date Prepared: 9/17/2009

Lab File ID: TA2333.D\FID1A.CH

Dilution Factor: 1

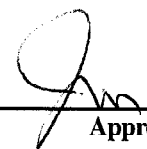
Date Analyzed: 9/18/2009

Method Blank: MB2091709-2

Analytes	CAS Number	Result	LQL	Units
Benzene	71-43-2	U	1.0	µg/L
Toluene	108-88-3	U	2.0	µg/L
Ethylbenzene	100-41-4	U	2.0	µg/L
m,p-Xylene	1330-20-7	U	2.0	µg/L
o-Xylene	95-47-6	U	2.0	µg/L
Surr: 1,2,4-Trichlorobenzene (S)	120-82-1	113	QC Limits: 60-140	%REC



 Analyst



 Approved

Notes: Total Xylenes consist of three isomers, two of which co-elute. The Xylene RL is for a single peak. Confirmation analysis was not performed.

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
 E - Extrapolated value. Value exceeds calibration range
 H - Sample analysis exceeded analytical holding time
 J - Indicates an estimated value when the compound is detected, but is below the LQL
 S - Spike Recovery outside accepted limits
 U - Compound analyzed for but not detected
 X - See case narrative
 * - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

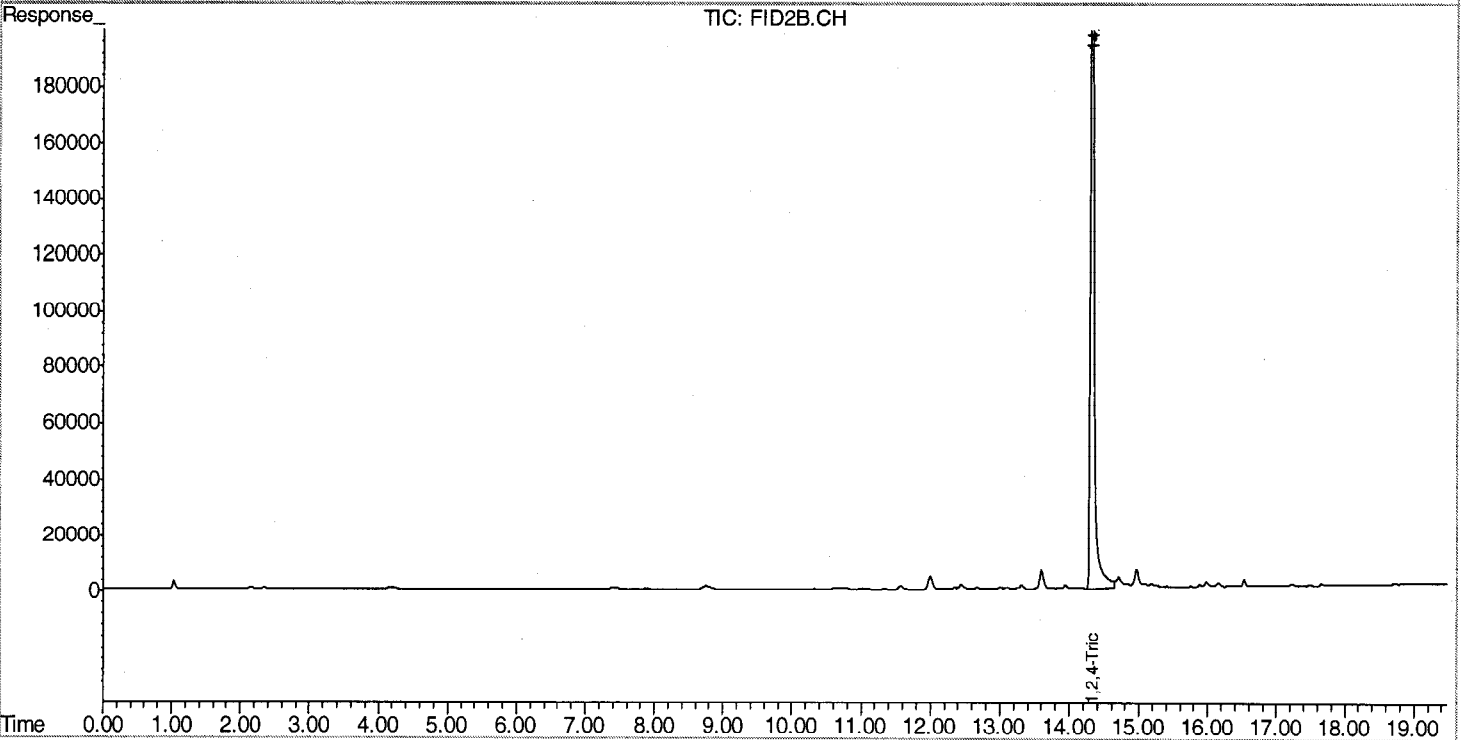
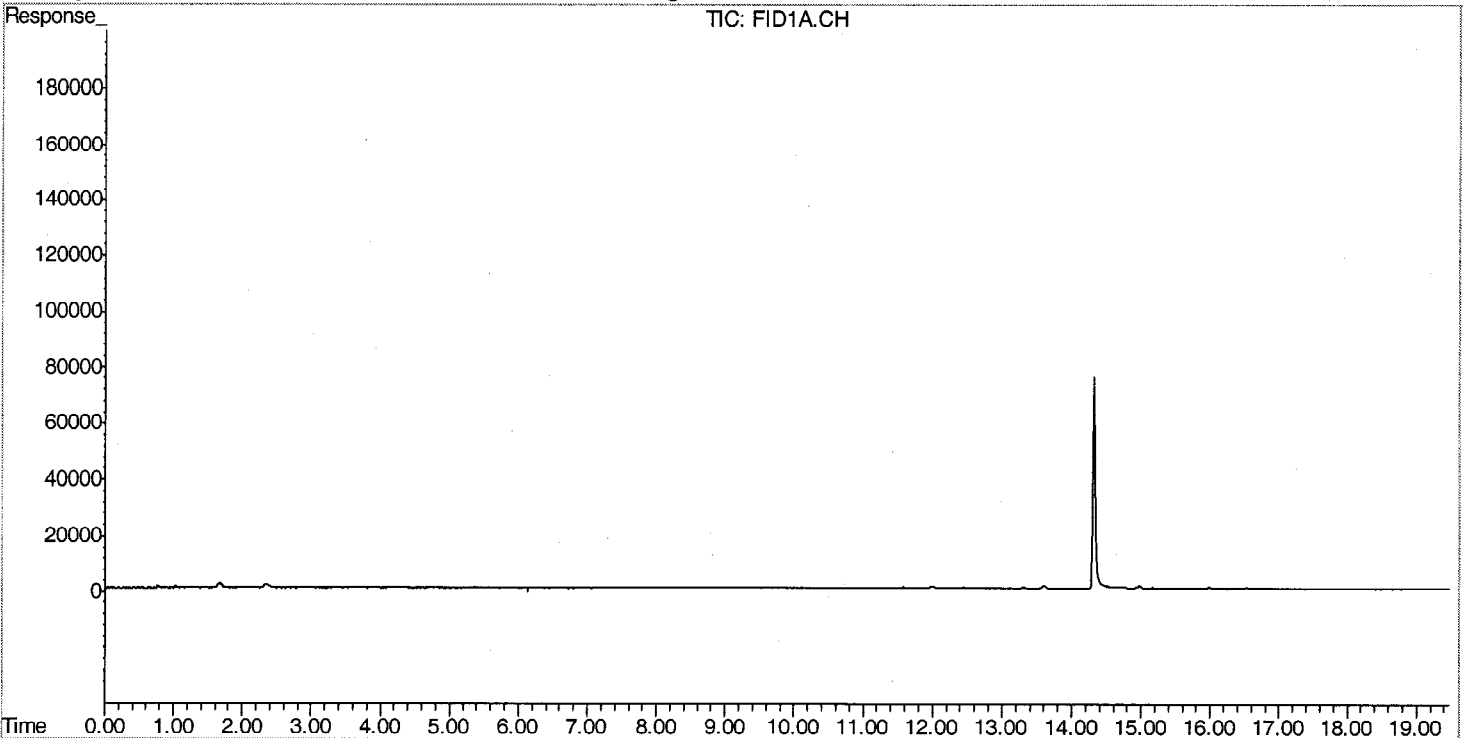
Definitions: LQL - Lower Quantitation Limit
 Surr - Surrogate

Print Date: 9/19/2009

Signal #1 : Z:\091709\TA2333.D\FID1A.CH Vial: 48
 Signal #2 : Z:\091709\TA2333.D\FID2B.CH
 Acq On : 18 Sep 2009 1:48 pm Operator: laurac
 Sample : 09-7465-19A Inst : TVHBTEX2
 Misc : ,SAMP,8021_W,TVH_W,1,|GC236,GTA126,,,,,1 Multiplr: 1.00
 IntFile Signal #1: TVH1.E IntFile Signal #2: FB2.E
 Quant Time: Sep 19 12:11 2009 Quant Results File: TW20901.RES

Quant Method : C:\MSDCHEM\1\METHODS\TW20901.M (Chemstation Integrator)
 Title : 8015B/8021B TVH/BTEX
 Last Update : Thu Sep 17 15:35:25 2009
 Response via : Multiple Level Calibration
 DataAcq Meth : TVB2.M

Volume Inj. :
 Signal #1 Phase : DB-624 Signal #2 Phase: DB-624
 Signal #1 Info : 0.53 mm Signal #2 Info : 0.53 mm



Evergreen Analytical, Inc.
 4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
 (303) 425-6021

Client Sample ID: MW23D
Client Project ID:
Date Collected: 9/16/2009
Date Received: 9/17/2009

Lab Work Order: 09-7465
Lab Sample ID: 09-7465-20A
Sample Matrix: Water


AROMATIC VOLATILE ORGANICS

Method: SW8021B

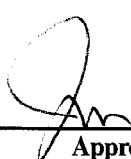
Prep Method: SW5030B

Date Prepared: 9/17/2009 **Lab File ID:** TA2334.D\FID1A.CH **Dilution Factor:** 1
Date Analyzed: 9/18/2009 **Method Blank:** MB2091709-2

Analytes	CAS Number	Result	LQL	Units
Benzene	71-43-2	U	1.0	µg/L
Toluene	108-88-3	U	2.0	µg/L
Ethylbenzene	100-41-4	U	2.0	µg/L
m,p-Xylene	1330-20-7	U	2.0	µg/L
o-Xylene	95-47-6	U	2.0	µg/L
Surr: 1,2,4-Trichlorobenzene (S)	120-82-1	111	QC Limits: 60-140	%REC



Analyst



Approved

Notes: Total Xylenes consist of three isomers, two of which co-elute. The Xylene RL is for a single peak. Confirmation analysis was not performed.

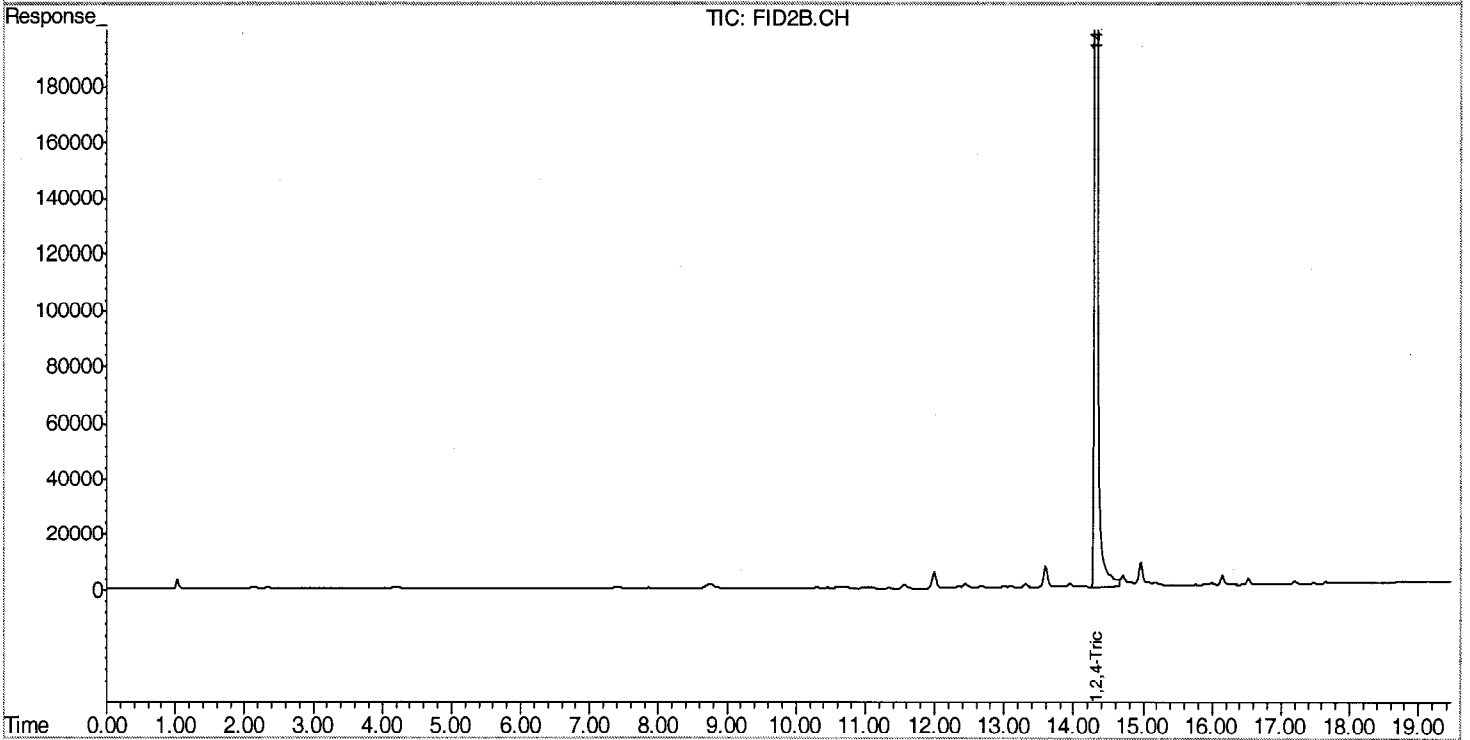
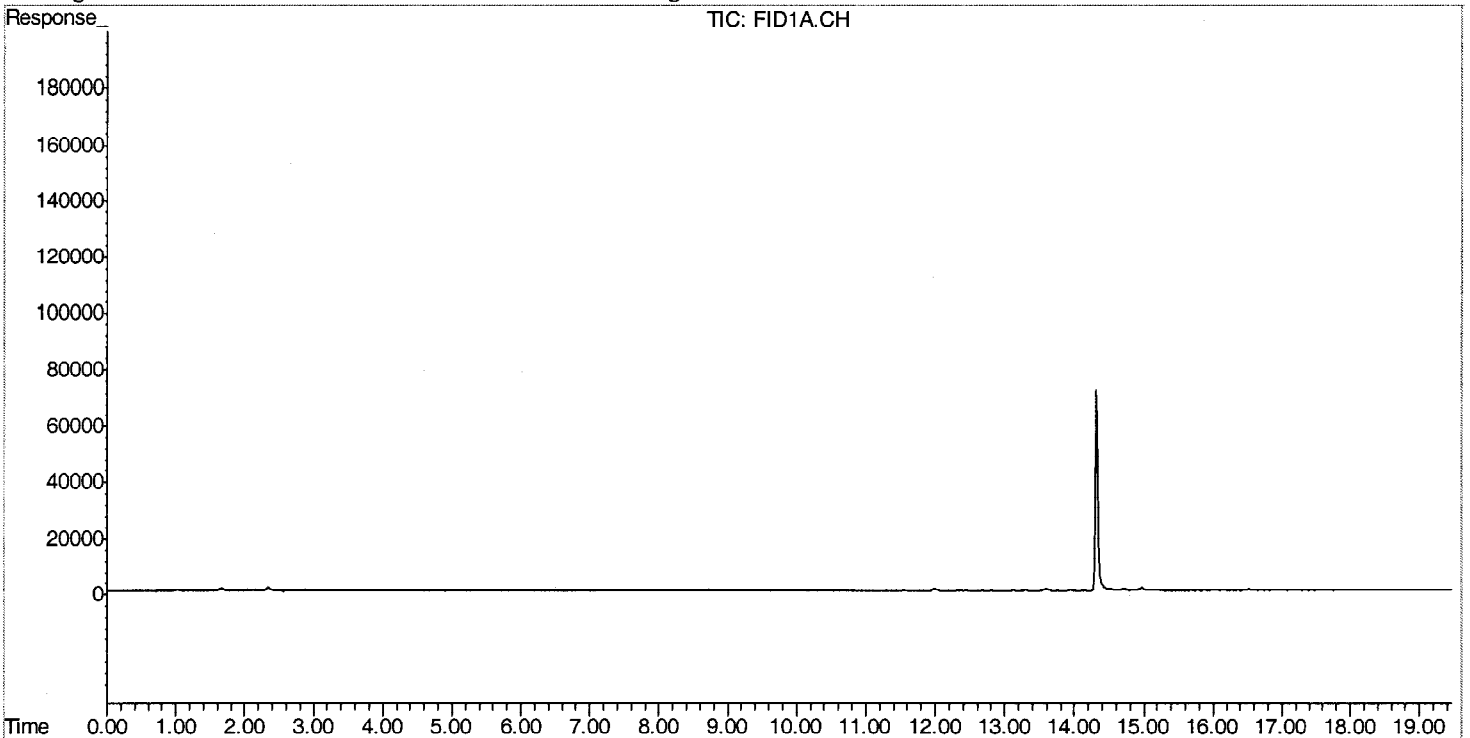
Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
 E - Extrapolated value. Value exceeds calibration range
 H - Sample analysis exceeded analytical holding time
 J - Indicates an estimated value when the compound is detected, but is below the LQL
 S - Spike Recovery outside accepted limits
 U - Compound analyzed for but not detected
 X - See case narrative
 * - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: LQL - Lower Quantitation Limit
 Surr - Surrogate

Signal #1 : Z:\091709\TA2334.D\FID1A.CH Vial: 49
 Signal #2 : Z:\091709\TA2334.D\FID2B.CH
 Acq On : 18 Sep 2009 2:24 pm Operator: laurac
 Sample : 09-7465-20A Inst : TVHBTEX2
 Misc : ,SAMP,8021_W,TVH_W,1,|GC236,GTA126,,,,,1 Multiplr: 1.00
 IntFile Signal #1: TVH1.E IntFile Signal #2: FB2.E
 Quant Time: Sep 19 12:11 2009 Quant Results File: TW20901.RES

Quant Method : C:\MSDCHEM\1\METHODS\TW20901.M (Chemstation Integrator)
 Title : 8015B/8021B TVH/BTEX
 Last Update : Thu Sep 17 15:35:25 2009
 Response via : Multiple Level Calibration
 DataAcq Meth : TVB2.M

Volume Inj. :
 Signal #1 Phase : DB-624 Signal #2 Phase: DB-624
 Signal #1 Info : 0.53 mm Signal #2 Info : 0.53 mm



Evergreen Analytical, Inc.
 4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
 (303) 425-6021

Client Project ID: **RSKSOP-175M Headspace**
 Lab Order: 09-7465
 Units: mg/L

Method: RSKSOP175M

Methane

Prep Method: RSKSOP175M

Lab ID	Client ID	Matrix	Date Received	Collection Date	Date Prepared	Date Analyzed	Results	LQL	DF
09-7465-01B	MW18	Water	9/17/09	9/16/09	9/23/09	9/23/09	U	0.00080	1
09-7465-02B	MW21	Water	9/17/09	9/16/09	9/23/09	9/23/09	0.0020	0.00080	1
09-7465-03B	MW20	Water	9/17/09	9/16/09	9/23/09	9/23/09	U	0.00080	1
09-7465-04B	MW22	Water	9/17/09	9/16/09	9/23/09	9/23/09	U	0.00080	1
09-7465-05B	MW8	Water	9/17/09	9/16/09	9/23/09	9/23/09	U	0.00080	1
09-7465-06B	MW17	Water	9/17/09	9/16/09	9/23/09	9/23/09	4.2	0.0080	10
09-7465-07B	MW16	Water	9/17/09	9/16/09	9/23/09	9/23/09	1.8	0.0040	5
09-7465-08B	MW1	Water	9/17/09	9/16/09	9/23/09	9/23/09	0.0022	0.00080	1
09-7465-09B	MW2	Water	9/17/09	9/16/09	9/23/09	9/23/09	7.5	0.016	20
09-7465-10B	MW4	Water	9/17/09	9/16/09	9/23/09	9/23/09	8.1	0.016	20
09-7465-11B	MW6	Water	9/17/09	9/16/09	9/23/09	9/23/09	0.0014	0.00080	1
09-7465-12B	MW7	Water	9/17/09	9/16/09	9/23/09	9/23/09	0.0028	0.00080	1
09-7465-13B	MW23	Water	9/17/09	9/16/09	9/23/09	9/23/09	U	0.00080	1
09-7465-14B	MW27	Water	9/17/09	9/16/09	9/23/09	9/23/09	0.0015	0.00080	1
09-7465-15B	EICH2WW	Water	9/17/09	9/16/09	9/23/09	9/23/09	0.10	0.00080	1
09-7465-16B	MW14	Water	9/17/09	9/16/09	9/23/09	9/23/09	5.7	0.0080	10
09-7465-17B	MW9	Water	9/17/09	9/16/09	9/23/09	9/23/09	6.6	0.0080	10

Analysis *AK*

Approved *[Signature]*

Qualifiers: J - Indicates an estimated value when the compound is detected, but is below the LQL
 H - Sample analysis exceeded analytical holding time
 U - Compound analyzed for but not detected
 X - See case narrative
 * - Value exceeds Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: DF - Dilution Factor
 LQL - Lower Quantitation Limit


Evergreen Analytical, Inc.
 4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
 (303) 425-6021

Client Project ID _____ Lab Order: 09-7465
 Units: mg/L

RSKSOP-175M Headspace
Methane
 Prep Method: RSKSOP175M

Lab ID	Client ID	Matrix	Date Received	Collection Date	Date Prepared	Date Analyzed	Results	LQL	DF
09-7465-18B	MW12	Water	9/17/09	9/16/09	9/23/09	9/23/09	3.7	0.0080	10
09-7465-19B	MW16D	Water	9/17/09	9/16/09	9/23/09	9/23/09	1.5	0.0040	5
09-7465-20B	MW23D	Water	9/17/09	9/16/09	9/23/09	9/23/09	0.0011	0.00080	1

Comments:


 Analyst _____

 Approved _____

Qualifiers: J - Indicates an estimated value when the compound is detected, but is below the LQL.
 H - Sample analysis exceeded analytical holding time
 U - Compound analyzed for but not detected
 X - See case narrative
 * - Value exceeds Maximum Contamination Level(MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: DF - Dilution Factor
 LQL - Lower Quantitation Limit

Evergreen Analytical, Inc.
 4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
 (303) 425-6021

Client Project ID: _____ Lab Order: 09-7465
 Units: mg/L

**Anions by IC
 Chloride**

Method: E300.0 Prep Method: E300.0

Lab ID	Client ID	Matrix	Date Received	Collection Date	Date Prepared	Date Analyzed	Results	LQL	DF
09-7465-01C	MW18	Water	9/17/09	9/16/09 0800	9/18/09	9/18/09 1232	4.9	0.50	1
09-7465-02C	MW21	Water	9/17/09	9/16/09 0825	9/18/09	9/18/09 1243	18.6	0.50	1
09-7465-03C	MW20	Water	9/17/09	9/16/09 0855	9/18/09	9/18/09 1253	24.8	0.50	1
09-7465-04C	MW22	Water	9/17/09	9/16/09 0930	9/18/09	9/18/09 1304	25.7	0.50	1
09-7465-05C	MW8	Water	9/17/09	9/16/09 1030	9/17/09	9/17/09 1229	33.5	1.0	2
09-7465-06C	MW17	Water	9/17/09	9/16/09 1100	9/18/09	9/18/09 1315	58.4	0.50	1
09-7465-07C	MW16	Water	9/17/09	9/16/09 1130	9/18/09	9/18/09 1325	43.3	0.50	1
09-7465-08C	MW1	Water	9/17/09	9/16/09 1155	9/18/09	9/18/09 1336	21.8	1.0	2
09-7465-09C	MW2	Water	9/17/09	9/16/09 1220	9/18/09	9/18/09 1346	46.3	0.50	1
09-7465-10C	MW4	Water	9/17/09	9/16/09 1245	9/18/09	9/18/09 1357	37.0	0.50	1
09-7465-11C	MW6	Water	9/17/09	9/16/09 1315	9/18/09	9/18/09 1450	20.5	0.50	1
09-7465-12C	MW7	Water	9/17/09	9/16/09 1340	9/18/09	9/18/09 1501	23.5	1.0	2
09-7465-13C	MW23	Water	9/17/09	9/16/09 1030	9/18/09	9/18/09 1511	52.6	1.0	2
09-7465-14C	MW27	Water	9/17/09	9/16/09 1100	9/18/09	9/18/09 1522	31.3	1.0	2
09-7465-15C	EIC2WW	Water	9/17/09	9/16/09 1125	9/17/09	9/17/09 1241	9.37	0.50	1
09-7465-16C	MW14	Water	9/17/09	9/16/09 1230	9/22/09	9/22/09 1016	18.9	0.50	1
09-7465-17C	MW9	Water	9/17/09	9/16/09 1245	9/22/09	9/22/09 1032	23.4	0.50	1

Analyst



Approved



Qualifiers: J - Indicates an estimated value when the compound is detected, but is below the LQL

H - Sample analysis exceeded analytical holding time

U - Compound analyzed for but not detected

X - See case narrative

* - Value exceeds Maximum Contamination Level(MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: DF - Dilution Factor

LQL - Lower Quantitation Limit

Evergreen Analytical, Inc.
 4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
 (303) 425-6021

Client Project ID _____ Lab Order: 09-7465
 Units: mg/L

**Anions by IC
 Chloride**

Method: E300.0 Prep Method: E300.0

Lab ID	Client ID	Matrix	Date Received	Collection Date	Date Prepared	Date Analyzed	Results	LQL	DF
09-7465-18C	MW12	Water	9/17/09	9/16/09 1325	9/22/09	9/22/09 1047	23.8	0.50	1
09-7465-19C	MW16D	Water	9/17/09	9/16/09 1130	9/22/09	9/22/09 1149	45.5	1.0	2
09-7465-20C	MW23D	Water	9/17/09	9/16/09 1030	9/22/09	9/22/09 1118	50.8	1.0	2

Comments:

Analyst



Approved



Qualifiers: J - Indicates an estimated value when the compound is detected, but is below the LQL

H - Sample analysis exceeded analytical holding time

U - Compound analyzed for but not detected

X - See case narrative

*-Value exceeds Maximum Contamination Level(MCL), TCLP limit, or if compound is undetected; LQL exceeds MCL.

Definitions: DF - Dilution Factor

LQL - Lower Quantitation Limit

Evergreen Analytical, Inc.
 4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
 (303) 425-6021

Client Project ID _____ Lab Order: 09-7465
 Units: mg/L

Anions by IC
 Nitrate-N
 Method: E300.0
 Prep Method: E300.0

Lab ID	Client ID	Matrix	Date Received	Collection Date	Date Prepared	Date Analyzed	Results	LQL	DF
09-7465-05C	MW8	Water	9/17/09	9/16/09 1030	9/17/09	9/17/09 1229	U	0.090	2
09-7465-15C	EICH2WW	Water	9/17/09	9/16/09 1125	9/17/09	9/17/09 1357	U	0.090	2

Comments:


 Analyst


 Approved

Qualifiers: J - Indicates an estimated value when the compound is detected, but is below the LQL

H - Sample analysis exceeded analytical holding time

U - Compound analyzed for but not detected

X - See case narrative

* - Value exceeds Maximum Contamination Level(MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: DF - Dilution Factor
 LQL - Lower Quantitation Limit

Evergreen Analytical, Inc.
 4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
 (303) 425-6021

Client Project ID _____ Lab Order: 09-7465
 Units: mg/L

Method: E300.0

Prep Method: E300.0

Lab ID	Client ID	Matrix	Date Received	Collection Date	Date Prepared	Date Analyzed	Results	LQL	DF
09-7465-05C	MW8	Water	9/17/09	9/16/09 1030	9/17/09	9/17/09 1345	79.0	2.5	5
09-7465-15C	EICH2WW	Water	9/17/09	9/16/09 1125	9/17/09	9/17/09 1241	25.9	0.50	1

Comments:


 Analyst


 Approved

Qualifiers: J - Indicates an estimated value when the compound is detected, but is below the LQL
 H - Sample analysis exceeded analytical holding time
 U - Compound analyzed for but not detected
 X - See case narrative
 * - Value exceeds Maximum Contamination Level(MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: DF - Dilution Factor
 LQL - Lower Quantitation Limit

Evergreen Analytical, Inc.
4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client Project ID
Date Received: 9/17/09


Lab Order: 09-7465
Date Prepared: 9/18/09
Units: mg/L

Dissolved Metals
Sodium

Method: SW6010B

Prep Method: E200.7/SW3010A

Lab ID	Client ID	Matrix	Date Collected	Date Analyzed	Results	LQL	DF
09-7465-01D	MW18	Water	9/16/09	9/22/09	68	0.40	1
09-7465-02D	MW21	Water	9/16/09	9/22/09	280	0.40	1
09-7465-03D	MW20	Water	9/16/09	9/22/09	120	0.40	1
09-7465-04D	MW22	Water	9/16/09	9/22/09	170	0.40	1
09-7465-05D	MW8	Water	9/16/09	9/22/09	190	0.40	1
09-7465-06D	MW17	Water	9/16/09	9/22/09	260	0.40	1
09-7465-07D	MW16	Water	9/16/09	9/22/09	250	0.40	1
09-7465-08D	MW1	Water	9/16/09	9/22/09	240	0.40	1
09-7465-09D	MW2	Water	9/16/09	9/22/09	130	0.40	1
09-7465-10D	MW4	Water	9/16/09	9/22/09	140	0.40	1
09-7465-11D	MW6	Water	9/16/09	9/22/09	140	0.40	1
09-7465-12D	MW7	Water	9/16/09	9/22/09	160	0.40	1
09-7465-13D	MW23	Water	9/16/09	9/22/09	430	0.40	1
09-7465-14D	MW27	Water	9/16/09	9/22/09	350	0.40	1
09-7465-15D	EICH2WW	Water	9/16/09	9/22/09	84	0.40	1
09-7465-16D	MW14	Water	9/16/09	9/22/09	49	0.40	1
09-7465-17D	MW9	Water	9/16/09	9/22/09	53	0.40	1
09-7465-18D	MW12	Water	9/16/09	9/22/09	100	0.40	1
09-7465-19D	MW16D	Water	9/16/09	9/22/09	240	0.40	1
09-7465-20D	MW23D	Water	9/16/09	9/22/09	450	0.40	1



Analyst



Approved

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
E - Extrapolated value. Value exceeds calibration range
H - Sample analysis exceeded analytical holding time
J - Indicates an estimated value when the compound is detected, but is below the LQL
S - Spike Recovery outside accepted limits
U - Compound analyzed for but not detected
X - See case narrative
* - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: DF - Dilution Factor
PF - Prep Factor
LQL - Lower Quantitation Limit

Evergreen Analytical, Inc.
4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

077

Client Project ID
Date Received: 9/17/09

Lab Order: 09-7465
Date Prepared: 9/18/09
Units: mg/L

Dissolved Metals

Calcium

Method: SW6010B

Prep Method: E200.7/SW3010A

Lab ID	Client ID	Matrix	Date Collected	Date Analyzed	Results	LQL	DF
09-7465-05D	MW8	Water	9/16/09	9/22/09	74	0.39	1
09-7465-15D	EICH2WW	Water	9/16/09	9/22/09	74	0.39	1



Analyst



Approved

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
E - Extrapolated value. Value exceeds calibration range
H - Sample analysis exceeded analytical holding time
J - Indicates an estimated value when the compound is detected, but is below the LQL
S - Spike Recovery outside accepted limits
U - Compound analyzed for but not detected
X - See case narrative
* - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: DF - Dilution Factor
PF - Prep Factor
LQL - Lower Quantitation Limit

Print Date: 9/23/2009

Evergreen Analytical, Inc.
4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

078

Client Project ID
Date Received: 9/17/09

Lab Order: 09-7465
Date Prepared: 9/18/09
Units: mg/L

**Dissolved Metals
Magnesium**

Method: SW6010B

Prep Method: E200.7/SW3010A

Lab ID	Client ID	Matrix	Date Collected	Date Analyzed	Results	LQL	DF
09-7465-05D	MW8	Water	9/16/09	9/22/09	26	0.15	1
09-7465-15D	EICH2WW	Water	9/16/09	9/22/09	35	0.15	1



Analyst



Approved

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
E - Extrapolated value. Value exceeds calibration range
H - Sample analysis exceeded analytical holding time
J - Indicates an estimated value when the compound is detected, but is below the LQL
S - Spike Recovery outside accepted limits
U - Compound analyzed for but not detected
X - See case narrative
* - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: DF - Dilution Factor
PF - Prep Factor
LQL - Lower Quantitation Limit

Print Date: 9/23/2009

Evergreen Analytical, Inc.
4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client Project ID
Date Received: 9/17/09

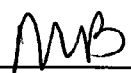
Lab Order: 09-7465
Date Prepared: 9/18/09
Units: mg/L

Dissolved Metals
Potassium

Method: SW6010B

Prep Method: E200.7/SW3010A

Lab ID	Client ID	Matrix	Date Collected	Date Analyzed	Results	LQL	DF
09-7465-05D	MW8	Water	9/16/09	9/22/09	1.8	0.34	1
09-7465-15D	EICH2WW	Water	9/16/09	9/22/09	3.0	0.34	1



Analyst



Approved

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
 E - Extrapolated value. Value exceeds calibration range
 H - Sample analysis exceeded analytical holding time
 J - Indicates an estimated value when the compound is detected, but is below the LQL
 S - Spike Recovery outside accepted limits
 U - Compound analyzed for but not detected
 X - See case narrative
 * - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: DF - Dilution Factor
 PF - Prep Factor
 LQL - Lower Quantitation Limit

0000

Evergreen Analytical, Inc.
4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client Sample ID: MW8
Client Project ID:
Date Collected: 9/16/09
Date Received: 9/17/09

Lab Work Order: 09-7465
Lab Sample ID: 09-7465-05
Sample Matrix: Water

ALKALINITY

Method: SM2320B

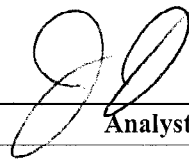
Prep Method:

Date Prepared: 9/21/09
Date Analyzed: 9/21/09

Lab File ID: 3
Method Blank: MBLK 09/21/09

Dilution Factor: 1
Lab Fraction ID: 09-7465-05E

Analytes	CAS Number	Result	LQL	Units
Total Alkalinity		512	5.0	mg/L CaCO3
Bicarbonate		512	5.0	mg/L CaCO3
Carbonate		U	5.0	mg/L CaCO3



Analyst



Approved

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
E - Extrapolated value. Value exceeds calibration range
H - Sample analysis exceeded analytical holding time
J - Indicates an estimated value when the compound is detected, but is below the LQL
S - Spike Recovery outside accepted limits
U - Compound analyzed for but not detected
X - See case narrative
* - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: NA - Not Applicable
LQL - Lower Quantitation Limit
Surr - Surrogate

Print Date: 9/21/2009

Evergreen Analytical, Inc.
4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

081

Client Sample ID: EICH2WW
Client Project ID:
Date Collected: 9/16/09
Date Received: 9/17/09

Lab Work Order: 09-7465
Lab Sample ID: 09-7465-15
Sample Matrix: Water

ALKALINITY

Method: SM2320B

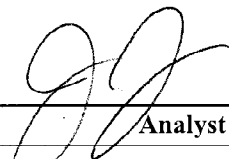
Prep Method:

Date Prepared: 9/21/09
Date Analyzed: 9/21/09

Lab File ID: 4
Method Blank: MBLK 09/21/09

Dilution Factor: 1
Lab Fraction ID: 09-7465-15E

Analytes	CAS Number	Result	LQL	Units
Total Alkalinity		442	5.0	mg/L CaCO3
Bicarbonate		442	5.0	mg/L CaCO3
Carbonate		U	5.0	mg/L CaCO3



Analyst



Approved

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
E - Extrapolated value. Value exceeds calibration range
H - Sample analysis exceeded analytical holding time
J - Indicates an estimated value when the compound is detected, but is below the LQL
S - Spike Recovery outside accepted limits
U - Compound analyzed for but not detected
X - See case narrative
* - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: NA - Not Applicable
LQL - Lower Quantitation Limit
Surr - Surrogate

Print Date: 9/21/2009

QUALITY ASSURANCE REPORTS

METHOD BLANKS (MB)

LABORATORY CONTROL SPIKES (LCS)

MATRIX SPIKES (MS/MSD)*

DUPLICATES (DUP)*

- For Metals or Wet Chemistry analyses: only included if requested.
-

Evergreen Analytical, Inc.

Date: 19-Sep-09

Work Order: 09-7465

ANALYTICAL QC SUMMARY REPORT

Client Project ID:

TestCode: 8021_W

Sample ID: MB2091709-2	SampleType: MBLK	TestCode: 8021_W	Run ID: TVHBTX2_090917A	Prep Date: 9/17/2009	Units: µg/L
	Batch ID: R50062-2	TestNo: SW8021B	FileID: TA2310.D\FID1A.CH	Analysis Date: 9/17/2009	SeqNo: 912223

Analyte	Result	LQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	U	1.0									
Toluene	U	2.0									
Ethylbenzene	U	2.0									
m,p-Xylene	U	2.0									
o-Xylene	U	2.0									
Surr: 1,2,4-Trichlorobenzene (S)	106	0	100	0	106	60	140	0	0	0	

Sample ID: LCS2091709-2	SampleType: LCS	TestCode: 8021_W	Run ID: TVHBTX2_090917A	Prep Date: 9/17/2009	Units: µg/L
	Batch ID: R50062-2	TestNo: SW8021B	FileID: TA2310.D\FID1A.CH	Analysis Date: 9/18/2009	SeqNo: 912224

Analyte	Result	LQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	27.58	1.0	27.2	0	101	70	130	0	0	0	
Toluene	189.9	2.0	211.6	0	89.7	70	130	0	0	0	
Ethylbenzene	43.14	2.0	45.6	0	94.6	70	130	0	0	0	
m,p-Xylene	142.1	2.0	150	0	94.7	70	130	0	0	0	
o-Xylene	63.95	2.0	65.9	0	97	70	130	0	0	0	
Surr: 1,2,4-Trichlorobenzene (S)	125.1	0	100	0	125	60	140	0	0	0	

Sample ID: 09-7465-01AMS	SampleType: MS	TestCode: 8021_W	Run ID: TVHBTX2_090917A	Prep Date: 9/17/2009	Units: µg/L
Client ID: MMW18	Batch ID: R50062-2	TestNo: SW8021B	FileID: TA2312.D\FID1A.CH	Analysis Date: 9/18/2009	SeqNo: 912226

Analyte	Result	LQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	27.64	1.0	27.2	0	102	70	130	0	0	0	
Toluene	190.7	2.0	211.6	0	90.1	70	130	0	0	0	
Ethylbenzene	43.34	2.0	45.6	0	95	62	130	0	0	0	
m,p-Xylene	142.9	2.0	150	0	95.2	70	134	0	0	0	
o-Xylene	64.36	2.0	65.9	0	97.7	63	130	0	0	0	
Surr: 1,2,4-Trichlorobenzene (S)	129.5	0	100	0	129	60	140	0	0	0	

Qualifiers:

- U - Not detected at or above the Reporting Limit
- J - Analyte detected below quantitation limits
- S - Spike Recovery outside acceptance limits
- E - Extrapolated value, value exceeds calibration range.
- R - RPD outside acceptance limits
- B - Analyte detected in the associated Method Blank
- H - Prep or analytical holding time exceeded
- X - See case narrative

Work Order: 09-7465
 Client Project ID:

ANALYTICAL QC SUMMARY REPORT

TestCode: 8021_W

Sample ID: 09-7465-01AMSD	Sample Type: MSD	TestCode: 8021_W	Run ID: TVHBTX2_090917A	Prep Date: 9/17/2009	Units: µg/L						
Client ID: MW18	Batch ID: R50062-2	TestNo: SW8021B	Field: TA2313.D\FID1A.CH	Analysis Date: 9/18/2009	SeqNo: 912227						
Analyte	Result	LQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Benzene	27.74	1.0	27.2	0	102	70	130	27.64	0.358	30	
Toluene	192.3	2.0	211.6	0	90.9	70	130	190.7	0.830	30	
Ethylbenzene	43.57	2.0	45.6	0	95.6	62	130	43.34	0.543	30	
m,p-Xylene	143.7	2.0	150	0	95.8	70	134	142.9	0.575	30	
o-Xylene	64.65	2.0	65.9	0	98.1	63	130	64.36	0.454	30	
Surr: 1,2,4-Trichlorobenzene (S)	128.5	0	100	0	128	60	140	0	0	0	

Qualifiers:

- U - Not detected at or above the Reporting Limit
- J - Analyte detected below quantitation limits
- S - Spike Recovery outside acceptance limits
- E - Extrapolated value, value exceeds calibration range.
- R - RPD outside acceptance limits
- B - Analyte detected in the associated Method Blank
- H - Prep or analytical holding time exceeded
- X - See case narrative

Evergreen Analytical, Inc.

Date: 23-Sep-09

Work Order: 09-7465
Client Project ID:

ANALYTICAL QC SUMMARY REPORT

TestCode: MEEP_W

Sample ID: GB092309	SampType: MBLK	TestCode: MEEP_W	Run ID: FID4_090923A	Prep Date: 09/23/09	Units: mg/L
	Batch ID: GAS092309	TestNo: RSKSOP175	FileID: FB593	Analysis Date: 09/23/09	SeqNo: 914439
Analyte	Result	LQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Methane		U	0.00080		

Sample ID: LCS092309	SampType: LCS	TestCode: MEEP_W	Run ID: FID4_090923A	Prep Date: 09/23/09	Units: mg/L
	Batch ID: GAS092309	TestNo: RSKSOP175	FileID: FB594	Analysis Date: 09/23/09	SeqNo: 914440
Analyte	Result	LQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Methane		0.5942	0.0080	0.5094	0 117 70 130 0 0

Sample ID: LCS092309	SampType: LCS	TestCode: MEEP_W	Run ID: FID4_090923A	Prep Date: 09/23/09	Units: mg/L
	Batch ID: GAS092309	TestNo: RSKSOP175	FileID: FB595	Analysis Date: 09/23/09	SeqNo: 914441
Analyte	Result	LQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Methane		0.5772	0.0080	0.5094	0 113 70 130 0.5942 2.91 30

Sample ID: 09-7465-13BIMS	SampType: MS	TestCode: MEEP_W	Run ID: FID4_090923A	Prep Date: 09/23/09	Units: mg/L
	Batch ID: GAS092309	TestNo: RSKSOP175	FileID: FB628	Analysis Date: 09/23/09	SeqNo: 914430
Analyte	Result	LQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Methane		0.5354	0.0080	0.5094	0 105 70 130 0 0

Sample ID: 09-7465-13BMSD	SampType: MSD	TestCode: MEEP_W	Run ID: FID4_090923A	Prep Date: 09/23/09	Units: mg/L
	Batch ID: GAS092309	TestNo: RSKSOP175	FileID: FB629	Analysis Date: 09/23/09	SeqNo: 914431
Analyte	Result	LQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Methane		0.5759	0.0080	0.5094	0 113 70 130 0.5354 7.30 30

Qualifiers:
 U - Not detected at or above the Reporting Limit
 J - Analyte detected below quantitation limits
 S - Spike Recovery outside acceptance limits
 E - Extrapolated value, value exceeds calibration range
 R - RPD outside acceptance limits
 B - Analyte detected in the associated Method Blank
 H - Prep or analytical holding time exceeded
 X - See case narrative

Work Order: 09-7465
Client Project ID:

ANALYTICAL QC SUMMARY REPORT

TestCode: anions_nondw

Sample ID	MB 9/18/09	SampType: MBLK	TestCode: anions_nond	Run ID: IC-DX300_090918A	Prep Date: 9/18/2009	Units: mg/L					
	Batch ID: R50120		TestNo: E300.0	FieldID:	Analysis Date: 9/18/2009	SeqNo: 912690					
Analyte	Result	LQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloride		U	0.50								

Sample ID	MB 09/17/09	SampType: MBLK	TestCode: ANIONS_NO	Run ID: IC-DX120_090917A	Prep Date: 9/17/2009	Units: mg/L					
	Batch ID: R50169		TestNo: E300.0	FieldID:	Analysis Date: 9/17/2009	SeqNo: 914069					
Analyte	Result	LQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloride		U	0.50								
Nitrite-N		U	0.061								
Nitrate-N		U	0.045								
Sulfate		U	0.50								

Sample ID	MB 09/22/09	SampType: MBLK	TestCode: anions_nond	Run ID: IC-2000_090922A	Prep Date: 9/22/2009	Units: mg/L					
	Batch ID: R50175		TestNo: E300.0	FieldID: 19	Analysis Date: 9/22/2009	SeqNo: 914231					
Analyte	Result	LQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloride		U	0.50								

Sample ID	LCS	SampType: LCS	TestCode: anions_nond	Run ID: IC-DX300_090918A	Prep Date: 9/18/2009	Units: mg/L					
	Batch ID: R50120		TestNo: E300.0	FieldID:	Analysis Date: 9/18/2009	SeqNo: 912689					
Analyte	Result	LQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloride		18	1.0	20	0	90	90	110	0	0	

Sample ID	LCS ALLT218099	SampType: LCS	TestCode: ANIONS_NO	Run ID: IC-DX120_090917A	Prep Date: 9/17/2009	Units: mg/L					
	Batch ID: R50169		TestNo: E300.0	FieldID:	Analysis Date: 9/17/2009	SeqNo: 914068					
Analyte	Result	LQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloride		18.38	2.5	20	0	91.9	90	110	0	0	

Qualifiers:
 U - Not detected at or above the Reporting Limit
 J - Analyte detected below quantitation limits
 S - Spike Recovery outside acceptance limits
 E - Extrapolated value, value exceeds calibration range
 R - RPD outside acceptance limits
 B - Analyte detected in the associated Method Blank
 H - Prep or analytical holding time exceeded
 X - See case narrative

Work Order: 09-7465
 Client Project ID:

ANALYTICAL QC SUMMARY REPORT

TestCode: anions_nondw

Sample ID	LCS ALLT218099	Sample Type	LCS	TestCode	ANIONS_NO	Run ID	IC-DX120_090917A	Prep Date	9/17/2009	Units	mg/L		
	Batch ID: R50169			TestNo	E300.0	Field ID		Analysis Date	9/17/2009	SeqNo	914068		
Analyte		Result		LQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD RefVal	%RPD	RPDLimit	Qual
Nitrite-N		5.807		0.31	6.09	0	95.3	90	110	0	0		
Nitrate-N		4.423		0.23	4.518	0	97.9	90	110	0	0		
Sulfate		28.03		2.5	30	0	93.4	90	110	0	0		

Sample ID	LCS	Sample Type	LCS	TestCode	anions_nond	Run ID	IC-2000_090922A	Prep Date	9/22/2009	Units	mg/L		
	Batch ID: R50175			TestNo	E300.0	Field ID	18	Analysis Date	9/22/2009	SeqNo	914230		
Analyte		Result		LQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD RefVal	%RPD	RPDLimit	Qual
Chloride		18.91		2.5	20	0	94.6	90	110	0	0		

Sample ID	09-7465-01CAMS	Sample Type	MS	TestCode	anions_nond	Run ID	IC-DX300_090918A	Prep Date	9/18/2009	Units	mg/L		
	Client ID: MW18	Batch ID: R50120		TestNo	E300.0	Field ID		Analysis Date	9/18/2009	SeqNo	913122		
Analyte		Result		LQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD RefVal	%RPD	RPDLimit	Qual
Chloride		14.73		0.50	10	4.945	97.8	80	120	0	0		

Sample ID	09-7465-18CAMS	Sample Type	MS	TestCode	anions_nond	Run ID	IC-2000_090922A	Prep Date	9/22/2009	Units	mg/L		
	Client ID: MW12	Batch ID: R50175		TestNo	E300.0	Field ID	08	Analysis Date	9/22/2009	SeqNo	914237		
Analyte		Result		LQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD RefVal	%RPD	RPDLimit	Qual
Chloride		28.64		0.50	5	23.83	96.2	80	120	0	0		

Sample ID	09-7465-01CAMS	Sample Type	MSD	TestCode	anions_nond	Run ID	IC-DX300_090918A	Prep Date	9/18/2009	Units	mg/L		
	Client ID: MW18	Batch ID: R50120		TestNo	E300.0	Field ID		Analysis Date	9/18/2009	SeqNo	913123		
Analyte		Result		LQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD RefVal	%RPD	RPDLimit	Qual
Chloride		14.91		0.50	10	4.945	99.6	80	120	14.73	1.21	20	

Qualifiers:
 U - Not detected at or above the Reporting Limit
 J - Analyte detected below quantitation limits
 S - Spike Recovery outside acceptance limits
 E - Extrapolated value, value exceeds calibration range
 R - RPD outside acceptance limits
 B - Analyte detected in the associated Method Blank
 H - Prep or analytical holding time exceeded
 X - See case narrative

Work Order: 09-7465
Client Project ID:

ANALYTICAL QC SUMMARY REPORT

BatchID: 20833

Sample ID: MB-20833	SampType: MBLK	TestCode: 200.7_D	Run ID: ICP-OPTIMA 5300 DV_090922A	Prep Date: 9/18/2009	Units: mg/L						
	Batch ID: 20833	TestNo: E200.7, Rev.	FileID: 092209AM	Analysis Date: 9/22/2009	SeqNo: 913862						
Analyte	Result	LQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Calcium	0	0.387									
Magnesium	0	0.150									
Potassium	0	0.340									
Sodium	0	0.400									

Sample ID: LCS-20833	SampType: LCS	TestCode: 200.7_D	Run ID: ICP-OPTIMA 5300 DV_090922A	Prep Date: 9/18/2009	Units: mg/L						
	Batch ID: 20833	TestNo: E200.7, Rev.	FileID: 092209AM	Analysis Date: 9/22/2009	SeqNo: 913877						
Analyte	Result	LQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Calcium	10.63	0.387	10	0	106	85	115	0	0		
Magnesium	10.61	0.150	10	0	106	85	115	0	0		
Potassium	10.88	0.340	10	0	109	85	115	0	0		
Sodium	10.63	0.400	10	0	106	85	115	0	0		

Sample ID: 09-7465-01DMSD	SampType: MS	TestCode: 6010_D	Run ID: ICP-OPTIMA 5300 DV_090922A	Prep Date: 9/18/2009	Units: mg/L						
	Batch ID: 20833	TestNo: SW6010B	FileID: 092209AM	Analysis Date: 9/22/2009	SeqNo: 913879						
Analyte	Result	LQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Calcium	91.54	0.48	12.5	79.24	98.4	75	125	0	0		
Magnesium	40.5	0.19	12.5	27.53	104	75	125	0	0		
Potassium	17.14	0.43	12.5	3.46	109	75	125	0	0		
Sodium	80.29	0.50	12.5	67.83	99.7	75	125	0	0		

Sample ID: 09-7465-01DMSD	SampType: MSD	TestCode: 6010_D	Run ID: ICP-OPTIMA 5300 DV_090922A	Prep Date: 9/18/2009	Units: mg/L						
	Batch ID: 20833	TestNo: SW6010B	FileID: 092209AM	Analysis Date: 9/22/2009	SeqNo: 913880						
Analyte	Result	LQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Calcium	92.66	0.48	12.5	79.24	107	75	125	91.54	1.22	20	
Magnesium	41.13	0.19	12.5	27.53	109	75	125	40.5	1.54	20	

Qualifiers:
 U - Not detected at or above the Reporting Limit
 J - Analyte detected below quantitation limits
 S - Spike Recovery outside acceptance limits
 E - Extrapolated value, value exceeds calibration range
 R - RPD outside acceptance limits
 B - Analyte detected in the associated Method Blank
 H - Prep or analytical holding time exceeded
 X - See case narrative

Work Order: 09-7465
 Client Project ID:

ANALYTICAL QC SUMMARY REPORT

BatchID: 20833

Sample ID: 09-7465-01DMMSD	Sample Type: MSD	TestCode: 6010_D	Run ID: ICP-OPTIMA 5300 DV_090922A	Prep Date: 9/18/2009	Units: mg/L						
Client ID: MW18	Batch ID: 20833	TestNo: SW6010B	FieldID: 092209AM	Analysis Date: 9/22/2009	SeqNo: 913880						
Analyte	Result	LQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Potassium	17.65	0.43	12.5	3.46	114	75	125	17.14	2.91	20	
Sodium	81.31	0.50	12.5	67.83	108	75	125	80.29	1.26	20	

Qualifiers:

- U - Not detected at or above the Reporting Limit
- J - Analyte detected below quantitation limits
- S - Spike Recovery outside acceptance limits
- E - Extrapolated value; value exceeds calibration range.
- R - RPD outside acceptance limits
- B - Analyte detected in the associated Method Blank
- H - Prep or analytical holding time exceeded
- X - See case narrative

Work Order: 09-7465
Client Project ID:

ANALYTICAL QC SUMMARY REPORT

TestCode: ALK_WGRP

Sample ID	MBLK 09/21/09	SampleType:	MBLK	TestCode:	ALK_WGRP	Run ID:	ALK_090921A	Prep Date:	9/21/2009	Units:	mg/L CaCO3			
	Batch ID: R50126		R50126	TestNo:	SM2320B	FieldID:	1	Analysis Date:	9/21/2009	SeqNo:	912845			
Analyte		Result		LQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Alkalinity		U		5.0										
Sample ID	LCS	SampleType:	LCS	TestCode:	ALK_WGRP	Run ID:	ALK_090921A	Prep Date:	9/21/2009	Units:	mg/L CaCO3			
	Batch ID: R50126		R50126	TestNo:	SM2320B	FieldID:	2	Analysis Date:	9/21/2009	SeqNo:	912846			
Analyte		Result		LQL	SPK value	SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Alkalinity		101		5.0		100		0	101	90	110	0	0	

Qualifiers: U - Not detected at or above the Reporting Limit
 J - Analyte detected below quantitation limits
 S - Spike Recovery outside acceptance limits
 E - Extrapolated value, value exceeds calibration range.

R - RPD outside acceptance limits
 B - Analyte detected in the associated Method Blank
 H - Prep or analytical holding time exceeded
 X - See case narrative

October 01, 2009

Stuart Hall
Olsson Associates
826 21 1/2 Road
Grand Junction, CO 81505

Lab Work Order: 09-7465
Client Project ID:

Dear Stuart Hall:

Enclosed are the analytical results for the samples shown in the Laboratory Work Order Summary.

THE INVOICE WILL BE MAILED FROM OUR NEW JERSEY OFFICE UNDER SEPARATE COVER.

The enclosed data for testing performed at Accutest Laboratory (formerly Evergreen Analytical) have been reviewed for quality assurance. A case narrative is included to describe any anomalies associated with the samples or data.

Accutest will dispose of all samples 44 days from the sample receipt date. If you want samples returned, please advise us by mail or fax as soon as possible.

A copy of this project report and supporting data will be retained for a period of five years unless we are otherwise advised by you. A document retrieval charge will apply.

Thank you for using the services of Accutest Laboratories. If you have any questions concerning the analytical data, please contact me. Please direct other questions to Client Services.

Sincerely,



Joseph J Egr/IV/ Tiffany Pham
Quality Assurance

WORK ORDER Summary

Evergreen Analytical, Inc.

09-7516

Rpt To: Stuart Hall

Email To: shall@eaconsulting.com

Olsson Associates

826 21 1/2 Road

Grand Junction, CO 81505

(970) 263-7800

9/22/2009 5:12:47 PM

Client Project ID:

QC Level: LEVEL 1

Comments:

Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Test Code	Test Name	Hold	MS	Date Due	Hold Time
09-7516-01A	LANGWW	Water	9/17/09 0830	9/18/09	8021_W *	8021: BTEX	<input type="checkbox"/>	<input type="checkbox"/>	9/23/09	9/24/09
09-7516-01B	LANGWW	Water	9/17/09 0830	9/18/09	MBEP_W *	RSK175M: Methane	<input type="checkbox"/>	<input type="checkbox"/>	10/02/09	9/24/09
09-7516-01C	LANGWW	Water	9/17/09 0830	9/18/09	ANIONS_NonDW *	300.0: Anions by IC	<input type="checkbox"/>	<input type="checkbox"/>	10/02/09	9/19/09
09-7516-01D	LANGWW	Water	9/17/09 0830	9/18/09	6010_D *	6010: Dissolved Metals	<input type="checkbox"/>	<input type="checkbox"/>	10/02/09	3/16/10
09-7516-01E	LANGWW	Water	9/17/09 0830	9/18/09	ALK_WGRP *	Alkalinity	<input type="checkbox"/>	<input type="checkbox"/>	10/02/09	10/01/09
09-7516-02A	MW25	Water	9/17/09 0940	9/18/09	8021_W *	8021: BTEX	<input type="checkbox"/>	<input type="checkbox"/>	9/23/09	9/24/09
09-7516-02B	MW25	Water	9/17/09 0940	9/18/09	MBEP_W *	RSK175M: Methane	<input type="checkbox"/>	<input type="checkbox"/>	10/02/09	9/24/09
09-7516-02C	MW25	Water	9/17/09 0940	9/18/09	ANIONS_NonDW *	300.0: Anions by IC	<input type="checkbox"/>	<input type="checkbox"/>	10/02/09	9/19/09
09-7516-02D	MW25	Water	9/17/09 0940	9/18/09	6010_D *	6010: Dissolved Metals	<input type="checkbox"/>	<input type="checkbox"/>	10/02/09	3/16/10
09-7516-03A	MW11	Water	9/17/09 0955	9/18/09	8021_W *	8021: BTEX	<input type="checkbox"/>	<input type="checkbox"/>	9/23/09	9/24/09
09-7516-03B	MW11	Water	9/17/09 0955	9/18/09	MBEP_W *	RSK175M: Methane	<input type="checkbox"/>	<input type="checkbox"/>	10/02/09	9/24/09
09-7516-03C	MW11	Water	9/17/09 0955	9/18/09	ANIONS_NonDW *	300.0: Anions by IC	<input type="checkbox"/>	<input type="checkbox"/>	10/02/09	9/19/09
09-7516-03D	MW11	Water	9/17/09 0955	9/18/09	6010_D *	6010: Dissolved Metals	<input type="checkbox"/>	<input type="checkbox"/>	10/02/09	3/16/10
09-7516-04A	DCS1	Water	9/17/09 1005	9/18/09	8021_W *	8021: BTEX	<input type="checkbox"/>	<input type="checkbox"/>	9/23/09	9/24/09
09-7516-04B	DCS1	Water	9/17/09 1005	9/18/09	MBEP_W *	RSK175M: Methane	<input type="checkbox"/>	<input type="checkbox"/>	10/02/09	9/24/09
09-7516-04C	DCS1	Water	9/17/09 1005	9/18/09	ANIONS_NonDW *	300.0: Anions by IC	<input type="checkbox"/>	<input type="checkbox"/>	10/02/09	9/19/09
09-7516-04D	DCS1	Water	9/17/09 1005	9/18/09	6010_D *	6010: Dissolved Metals	<input type="checkbox"/>	<input type="checkbox"/>	10/02/09	3/16/10
09-7516-05A	DCS2	Water	9/17/09 1010	9/18/09	8021_W *	8021: BTEX	<input type="checkbox"/>	<input type="checkbox"/>	9/23/09	9/24/09
09-7516-05B	DCS2	Water	9/17/09 1010	9/18/09	MBEP_W *	RSK175M: Methane	<input type="checkbox"/>	<input type="checkbox"/>	10/02/09	9/24/09
09-7516-05C	DCS2	Water	9/17/09 1010	9/18/09	ANIONS_NonDW *	300.0: Anions by IC	<input type="checkbox"/>	<input type="checkbox"/>	10/02/09	9/19/09
09-7516-05D	DCS2	Water	9/17/09 1010	9/18/09	6010_D *	6010: Dissolved Metals	<input type="checkbox"/>	<input type="checkbox"/>	10/02/09	3/16/10

Definitions: * - Test Code has a Select List

WORK ORDER Summary

Evergreen Analytical, Inc.

09-7516

Rpt To: Stuart Hall

Email To: shall@oaconsulting.com

Olsson Associates

826 21 1/2 Road

Grand Junction, CO 81505

(970) 263-7800

9/22/2009 5:12:47 PM

Client Project ID:

QC Level: LEVEL I

09-7516-05E	DCS2	Water	9/17/09 1010	9/18/09	ALK_WGRP *	Alkalinity	<input type="checkbox"/>	<input type="checkbox"/>	10/02/09	10/01/09
09-7516-06A	DCS3	Water	9/17/09 1020	9/18/09	8021_w *	8021: BTEX	<input type="checkbox"/>	<input type="checkbox"/>	9/23/09	9/24/09
09-7516-06B	DCS3	Water	9/17/09 1020	9/18/09	MEEP_w *	RSK175M: Methane	<input type="checkbox"/>	<input type="checkbox"/>	10/02/09	9/24/09
09-7516-06C	DCS3	Water	9/17/09 1020	9/18/09	ANIONS_NonDW *	300.0: Anions by IC	<input type="checkbox"/>	<input type="checkbox"/>	10/02/09	9/19/09
09-7516-06D	DCS3	Water	9/17/09 1020	9/18/09	6010_D *	6010: Dissolved Metals	<input type="checkbox"/>	<input type="checkbox"/>	10/02/09	3/16/10
09-7516-07A	DCS4	Water	9/17/09 1045	9/18/09	8021_w *	8021: BTEX	<input type="checkbox"/>	<input type="checkbox"/>	9/23/09	9/24/09
09-7516-07B	DCS4	Water	9/17/09 1045	9/18/09	MEEP_w *	RSK175M: Methane	<input type="checkbox"/>	<input type="checkbox"/>	10/02/09	9/24/09
09-7516-07C	DCS4	Water	9/17/09 1045	9/18/09	ANIONS_NonDW *	300.0: Anions by IC	<input type="checkbox"/>	<input type="checkbox"/>	10/02/09	9/19/09
09-7516-07D	DCS4	Water	9/17/09 1045	9/18/09	6010_D *	6010: Dissolved Metals	<input type="checkbox"/>	<input type="checkbox"/>	10/02/09	3/16/10
09-7516-08A	DCS5	Water	9/17/09 1105	9/18/09	8021_w *	8021: BTEX	<input type="checkbox"/>	<input type="checkbox"/>	9/23/09	9/24/09
09-7516-08B	DCS5	Water	9/17/09 1105	9/18/09	MEEP_w *	RSK175M: Methane	<input type="checkbox"/>	<input type="checkbox"/>	10/02/09	9/24/09
09-7516-08C	DCS5	Water	9/17/09 1105	9/18/09	ANIONS_NonDW *	300.0: Anions by IC	<input type="checkbox"/>	<input type="checkbox"/>	10/02/09	9/19/09
09-7516-08D	DCS5	Water	9/17/09 1105	9/18/09	6010_D *	6010: Dissolved Metals	<input type="checkbox"/>	<input type="checkbox"/>	10/02/09	3/16/10
09-7516-09A	DCS6	Water	9/17/09 1115	9/18/09	8021_w *	8021: BTEX	<input type="checkbox"/>	<input type="checkbox"/>	9/23/09	9/24/09
09-7516-09B	DCS6	Water	9/17/09 1115	9/18/09	MEEP_w *	RSK175M: Methane	<input type="checkbox"/>	<input type="checkbox"/>	10/02/09	9/24/09
09-7516-09C	DCS6	Water	9/17/09 1115	9/18/09	ANIONS_NonDW *	300.0: Anions by IC	<input type="checkbox"/>	<input type="checkbox"/>	10/02/09	9/19/09
09-7516-09D	DCS6	Water	9/17/09 1115	9/18/09	6010_D *	6010: Dissolved Metals	<input type="checkbox"/>	<input type="checkbox"/>	10/02/09	3/16/10
09-7516-10A	MMW26	Water	9/17/09 1145	9/18/09	8021_w *	8021: BTEX	<input type="checkbox"/>	<input type="checkbox"/>	9/23/09	9/24/09
09-7516-10B	MMW26	Water	9/17/09 1145	9/18/09	MEEP_w *	RSK175M: Methane	<input type="checkbox"/>	<input type="checkbox"/>	10/02/09	9/24/09
09-7516-10C	MMW26	Water	9/17/09 1145	9/18/09	ANIONS_NonDW *	300.0: Anions by IC	<input type="checkbox"/>	<input type="checkbox"/>	10/02/09	9/19/09
09-7516-10D	MMW26	Water	9/17/09 1145	9/18/09	6010_D *	6010: Dissolved Metals	<input type="checkbox"/>	<input type="checkbox"/>	10/02/09	3/16/10
09-7516-11A	DCS7	Water	9/17/09 1210	9/18/09	8021_w *	8021: BTEX	<input type="checkbox"/>	<input type="checkbox"/>	9/23/09	9/24/09
09-7516-11B	DCS7	Water	9/17/09 1210	9/18/09	MEEP_w *	RSK175M: Methane	<input type="checkbox"/>	<input type="checkbox"/>	10/02/09	9/24/09

Definitions: * - Test Code has a Select List

003
WORK ORDER Summary

Evergreen Analytical, Inc.

09-7516

Rpt To: Stuart Hall
 Olsson Associates
 826 21 1/2 Road
 Grand Junction, CO 81505
 (970) 263-7800

Email To: shall@oaconsulting.com

9/22/2009 5:12:47 PM

Client Project ID:

QC Level: LEVEL I

09-7516-11C	DCS7	Water	9/17/09 1210	9/18/09	ANIONS_NonDW*	300.0: Anions by IC	<input type="checkbox"/>	<input type="checkbox"/>	10/02/09	9/19/09
09-7516-11D	DCS7	Water	9/17/09 1210	9/18/09	6010_D*	6010: Dissolved Metals	<input type="checkbox"/>	<input type="checkbox"/>	10/02/09	3/16/10
09-7516-12A	DCS8	Water	9/17/09 1225	9/18/09	8021_W*	8021: BTEX	<input type="checkbox"/>	<input type="checkbox"/>	9/23/09	9/24/09
09-7516-12B	DCS8	Water	9/17/09 1225	9/18/09	MEEP_W*	RSK175M: Methane	<input type="checkbox"/>	<input type="checkbox"/>	10/02/09	9/24/09
09-7516-12C	DCS8	Water	9/17/09 1225	9/18/09	ANIONS_NonDW*	300.0: Anions by IC	<input type="checkbox"/>	<input type="checkbox"/>	10/02/09	9/19/09
09-7516-12D	DCS8	Water	9/17/09 1225	9/18/09	6010_D*	6010: Dissolved Metals	<input type="checkbox"/>	<input type="checkbox"/>	10/02/09	3/16/10
09-7516-13A	MW24	Water	9/17/09 1240	9/18/09	8021_W*	8021: BTEX	<input type="checkbox"/>	<input type="checkbox"/>	9/23/09	9/24/09
09-7516-13B	MW24	Water	9/17/09 1240	9/18/09	MEEP_W*	RSK175M: Methane	<input type="checkbox"/>	<input type="checkbox"/>	10/02/09	9/24/09
09-7516-13C	MW24	Water	9/17/09 1240	9/18/09	ANIONS_NonDW*	300.0: Anions by IC	<input type="checkbox"/>	<input type="checkbox"/>	10/02/09	9/19/09
09-7516-13D	MW24	Water	9/17/09 1240	9/18/09	6010_D*	6010: Dissolved Metals	<input type="checkbox"/>	<input type="checkbox"/>	10/02/09	3/16/10

Definitions: * - Test Code has a Select List

Andrea Engelbrecht

From: Stuart Hall [shall@oaconsulting.com]
Sent: Tuesday, September 22, 2009 7:20 AM
To: Andrea Engelbrecht
Subject: RE: Incoming Olsson Divide Creek Samples

I'm sorry, I was told that there was a quote. What I need is BTEX (8021), Dissolved Methane (RSK 175M), Dissolved Metals (Na only), and Chloride. Let me know if you have any other questions.

Thanks
Stuart

From: Andrea Engelbrecht [mailto:AndreaE@accutest.com]
Sent: Tuesday, September 22, 2009 8:03 AM
To: Stuart Hall
Subject: RE: Incoming Olsson Divide Creek Samples

Stuart,

I have questions about the samples that come in on the 18th. You have referenced "Divide Creek Quote" on the COC for every sample. I cannot find a "Divide Creek" quote. Do you have a quote number? Or, can you provide me the list of analyses you need? I do need to let you know that in a matter of days we will be losing all of the quotes we've done for the past 25 years. We won't be able to reference them at all so all metals, anions and other analyses will need to be listed on the COC. I understand this will be a huge inconvenience for everyone involved; I apologize in advance.

Thanks for your help,
Andrea

From: AMS Sample
Sent: Thursday, September 17, 2009 8:29 AM
To: Patty McClellan; Andrea Engelbrecht; Shea Greiner; Erin Holcombe; Margot Mosher
Subject: RE: Incoming Olsson Divide Creek Samples

OK, how about the other 18 samples. He has requested Divide Creek Quarterly quote for them, and I'm not sure which quote this is since none was referenced

From: Patty McClellan
Sent: Thursday, September 17, 2009 8:58 AM
To: AMS Sample; Andrea Engelbrecht; Shea Greiner; Erin Holcombe; Margot Mosher
Subject: Incoming Olsson Divide Creek Samples

We will receive 20 samples this morning for Divide Creek. Stuart Hall called to clarify his COC. 2 of the samples will require "major ions". They are: Mg, Ca, K, Alk, carb/bi-carb, SO4, NO2, NO3.

Patty McClellan

Business Development Manager
Accutest Mountain States, Inc.
4036 Youngfield St.
Wheat Ridge, CO 80033-3862
303-425-6021 phone
303-425-6854 fax
1-877-737-4521 toll-free

Accutest - "The National Testing Laboratory with Total Performance you can count on"

This message is confidential and intended solely for the use of the addressee and may contain material protected by law. If you are not the intended recipient, you have received this in error and any use, dissemination, forwarding, printing or copying of this message is prohibited.

Evergreen Analytical, Inc.

Date: 02-Oct-09

Lab Order: 09-7516

Client Project ID

CASE NARRATIVE

SAMPLE RECEIVING

Custody seals were present and intact.

The temperature of the sample(s) upon arrival was 3.5°C.

Sample(s) were received in good condition, in the proper container, and within holding times.

VOC sample(s) were marked as preserved on the bottle labels.

VOC sample(s) were received with no headspace present. NJO

QUALITY ASSURANCE (QA)

Analyses performed on samples in this work order by EAL meet the requirements of the EAL Quality Assurance Program unless otherwise explained. Analyses of RCRA samples meet the requirements of NELAC and Utah Rule R444-14 unless otherwise explained. JE

CLIENT SERVICES

There are no anomalies to report. AE

GENERAL CHEMISTRY

There are no anomalies to report. MM

METALS ANALYSIS

Method SW6010B: The matrix spike and matrix spike duplicate (MS; on another client's sample) recovery of Sodium is above the QC limits due to the high concentration of Sodium in the sample versus the low concentration of the spike. The laboratory control spike (LCS) recovery of Sodium is within QC limits, proving the analysis is in control. There are no other anomalies to report. SS/JE

GAS CHROMATOGRAPHY

Method 8021_W: There are no anomalies to report. LC

Method RSK175: The matrix spike and matrix spike duplicate (MS/MSD) recoveries of Methane are below the QC limits. The recovery of Methane for the laboratory control spike (LCS) is within QC limits, proving the analysis is in control. There are no other anomalies to report. AS/JE

SUMMARY OF SAMPLE RESULTS

Evergreen Analytical, Inc.

4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client Sample ID: LANGWW
Client Project ID:
Date Collected: 9/17/09 0830
Date Received: 9/18/09

Lab Work Order: 09-7516
Lab Sample ID: 09-7516-01
Sample Matrix: Water

Dissolved Metals **Method:** SW6010B **Analyst:** MAB

	Result	LQL	DF	Units
Calcium	89	0.39	1	mg/L
Magnesium	28	0.15	1	mg/L
Potassium	2.6	0.34	1	mg/L
Sodium	27	0.40	1	mg/L

Aromatic Volatile Organics **Method:** SW8021B **Analyst:** LC

	Result	LQL	DF	Units
Benzene	U	1.0	1	µg/L
Ethylbenzene	U	2.0	1	µg/L
m,p-Xylene	U	2.0	1	µg/L
o-Xylene	U	2.0	1	µg/L
Toluene	U	2.0	1	µg/L

Alkalinity **Method:** SM2320B **Analyst:** CJ

	Result	LQL	DF	Units
Bicarbonate	391	5.0	1	µg/L CaCO3
Carbonate	U	5.0	1	µg/L CaCO3
Total Alkalinity	391	5.0	1	µg/L CaCO3

Anions by IC **Method:** E300.0 **Analyst:** JL

	Result	LQL	DF	Units
Chloride	4.78	0.50	1	mg/L
Nitrite-N	U	0.061	1	mg/L
Sulfate	24.7	0.50	1	mg/L
Nitrate-N	3.0	0.23	5	mg/L

RSKSOP-175M Headspace **Method:** RSKSOP175M **Analyst:** AS

	Result	LQL	DF	Units
Methane	U	0.00080	1	mg/L

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
 E - Extrapolated value. Value exceeds calibration range
 H - Sample analysis exceeded analytical holding time
 J - Indicates an estimated value when the compound is detected, but is below the LQL
 U - Compound analyzed for but not detected
 X - See case narrative
 * - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: NA - Not Applicable

SUMMARY OF SAMPLE RESULTS

Evergreen Analytical, Inc.

4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client Sample ID: MW25
Client Project ID:
Date Collected: 9/17/09 0940
Date Received: 9/18/09

Lab Work Order: 09-7516
Lab Sample ID: 09-7516-02
Sample Matrix: Water

Dissolved Metals

Method: SW6010B

Analyst: MAB

	Result	LQL	DF	Units
Sodium	37	0.40	1	mg/L

Aromatic Volatile Organics

Method: SW8021B

Analyst: LC

	Result	LQL	DF	Units
Benzene	U	1.0	1	µg/L
Ethylbenzene	U	2.0	1	µg/L
m,p-Xylene	U	2.0	1	µg/L
o-Xylene	U	2.0	1	µg/L
Toluene	U	2.0	1	µg/L

Anions by IC

Method: E300.0

Analyst: JL

	Result	LQL	DF	Units
Chloride	18.1	0.50	1	mg/L

RSKSOP-175M Headspace

Method: RSKSOP175M

Analyst: AS

	Result	LQL	DF	Units
Methane	0.11	0.00080	1	mg/L

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
E - Extrapolated value. Value exceeds calibration range
H - Sample analysis exceeded analytical holding time
J - Indicates an estimated value when the compound is detected, but is below the LQL
U - Compound analyzed for but not detected
X - See case narrative
* - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: NA - Not Applicable

Print Date: 10/2/2009

SUMMARY OF SAMPLE RESULTS

Evergreen Analytical, Inc.

4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client Sample ID: MW11
Client Project ID:
Date Collected: 9/17/09 0955
Date Received: 9/18/09

Lab Work Order 09-7516
Lab Sample ID: 09-7516-03
Sample Matrix: Water

Dissolved Metals	Method: SW6010B	Analyst: MAB		
	Result	LQL	DF	Units
Sodium	40	0.40	1	mg/L
Aromatic Volatile Organics	Method: SW8021B	Analyst: LC		
	Result	LQL	DF	Units
Benzene	U	1.0	1	µg/L
Ethylbenzene	U	2.0	1	µg/L
m,p-Xylene	U	2.0	1	µg/L
o-Xylene	U	2.0	1	µg/L
Toluene	U	2.0	1	µg/L
Anions by IC	Method: E300.0	Analyst: JL		
	Result	LQL	DF	Units
Chloride	19.7	0.50	1	mg/L
RSKSOP-175M Headspace	Method: RSKSOP175M	Analyst: AS		
	Result	LQL	DF	Units
Methane	0.16	0.00080	1	mg/L

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
E - Extrapolated value. Value exceeds calibration range
H - Sample analysis exceeded analytical holding time
J - Indicates an estimated value when the compound is detected, but is below the LQL
U - Compound analyzed for but not detected
X - See case narrative
* - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: NA - Not Applicable

Print Date: 10/2/2009

SUMMARY OF SAMPLE RESULTS

Evergreen Analytical, Inc.

4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client Sample ID: DCS1
Client Project ID:
Date Collected: 9/17/09 1005
Date Received: 9/18/09

Lab Work Order: 09-7516
Lab Sample ID: 09-7516-04
Sample Matrix: Water

Dissolved Metals		Method: SW6010B			Analyst: MAB
	Result	LQL	DF	Units	
Sodium	99	0.40	1	mg/L	
Aromatic Volatile Organics		Method: SW8021B			Analyst: LC
	Result	LQL	DF	Units	
Benzene	U	1.0	1	µg/L	
Ethylbenzene	U	2.0	1	µg/L	
m,p-Xylene	U	2.0	1	µg/L	
o-Xylene	U	2.0	1	µg/L	
Toluene	U	2.0	1	µg/L	
Anions by IC		Method: E300.0			Analyst: JL
	Result	LQL	DF	Units	
Chloride	19.8	0.50	1	mg/L	
RSKSOP-175M Headspace		Method: RSKSOP175M			Analyst: AS
	Result	LQL	DF	Units	
Methane	0.0015	0.00080	1	mg/L	

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
E - Extrapolated value. Value exceeds calibration range
H - Sample analysis exceeded analytical holding time
J - Indicates an estimated value when the compound is detected, but is below the LQL
U - Compound analyzed for but not detected
X - See case narrative
* - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: NA - Not Applicable

Print Date: 10/2/2009

SUMMARY OF SAMPLE RESULTS

Evergreen Analytical, Inc.

4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client Sample ID: DCS2
Client Project ID:
Date Collected: 9/17/09 1010
Date Received: 9/18/09

Lab Work Order 09-7516
Lab Sample ID: 09-7516-05
Sample Matrix: Water

Dissolved Metals

Method: SW6010B

Analyst: MAB

	Result	LQL	DF	Units
Calcium	60	0.39	1	mg/L
Magnesium	37	0.15	1	mg/L
Potassium	3.9	0.34	1	mg/L
Sodium	99	0.40	1	mg/L

Aromatic Volatile Organics

Method: SW8021B

Analyst: LC

	Result	LQL	DF	Units
Benzene	U	1.0	1	µg/L
Ethylbenzene	U	2.0	1	µg/L
m,p-Xylene	U	2.0	1	µg/L
o-Xylene	U	2.0	1	µg/L
Toluene	U	2.0	1	µg/L

Alkalinity

Method: SM2320B

Analyst: CJ

	Result	LQL	DF	Units
Bicarbonate	325	5.0	1	µg/L CaCO ₃
Carbonate	U	5.0	1	µg/L CaCO ₃
Total Alkalinity	325	5.0	1	µg/L CaCO ₃

Anions by IC

Method: E300.0

Analyst: JL

	Result	LQL	DF	Units
Sulfate	67.5	2.5	5	mg/L
Chloride	19.5	0.50	1	mg/L
Nitrate-N	U	0.045	1	mg/L
Nitrite-N	U	0.061	1	mg/L

RSKSOP-175M Headspace

Method: RSKSOP175M

Analyst: AS

	Result	LQL	DF	Units
Methane	0.0029	0.00080	1	mg/L

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
E - Extrapolated value. Value exceeds calibration range
H - Sample analysis exceeded analytical holding time
J - Indicates an estimated value when the compound is detected, but is below the LQL
U - Compound analyzed for but not detected
X - See case narrative
* - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: NA - Not Applicable

Print Date: 10/2/2009

SUMMARY OF SAMPLE RESULTS

Evergreen Analytical, Inc.

4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client Sample ID: DCS3
Client Project ID:
Date Collected: 9/17/09 1020
Date Received: 9/18/09

Lab Work Order: 09-7516
Lab Sample ID: 09-7516-06
Sample Matrix: Water

Dissolved Metals	Method: SW6010B	Analyst: MAB		
	Result	LQL	DF	Units
Sodium	100	0.40	1	mg/L
Aromatic Volatile Organics	Method: SW8021B	Analyst: LC		
	Result	LQL	DF	Units
Benzene	U	1.0	1	µg/L
Ethylbenzene	U	2.0	1	µg/L
m,p-Xylene	U	2.0	1	µg/L
o-Xylene	U	2.0	1	µg/L
Toluene	U	2.0	1	µg/L
Anions by IC	Method: E300.0	Analyst: JL		
	Result	LQL	DF	Units
Chloride	19.7	0.50	1	mg/L
RSKSOP-175M Headspace	Method: RSKSOP175M	Analyst: AS		
	Result	LQL	DF	Units
Methane	0.0017	0.00080	1	mg/L

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
E - Extrapolated value. Value exceeds calibration range
H - Sample analysis exceeded analytical holding time
J - Indicates an estimated value when the compound is detected, but is below the LQL
U - Compound analyzed for but not detected
X - See case narrative
* - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: NA - Not Applicable

Print Date: 10/2/2009

SUMMARY OF SAMPLE RESULTS

Evergreen Analytical, Inc.

4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client Sample ID: DCS4
Client Project ID:
Date Collected: 9/17/09 1045
Date Received: 9/18/09

Lab Work Order 09-7516
Lab Sample ID: 09-7516-07
Sample Matrix: Water

Dissolved Metals		Method: SW6010B			Analyst: MAB
	Result	LQL	DF	Units	
Sodium	98	0.40	1	mg/L	
Aromatic Volatile Organics		Method: SW8021B			Analyst: LC
	Result	LQL	DF	Units	
Benzene	U	1.0	1	µg/L	
Ethylbenzene	U	2.0	1	µg/L	
m,p-Xylene	U	2.0	1	µg/L	
o-Xylene	U	2.0	1	µg/L	
Toluene	U	2.0	1	µg/L	
Anions by IC		Method: E300.0			Analyst: JL
	Result	LQL	DF	Units	
Chloride	19.5	0.50	1	mg/L	
RSKSOP-175M Headspace		Method: RSKSOP175M			Analyst: AS
	Result	LQL	DF	Units	
Methane	0.0042	0.00080	1	mg/L	

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
E - Extrapolated value. Value exceeds calibration range
H - Sample analysis exceeded analytical holding time
J - Indicates an estimated value when the compound is detected, but is below the LQL
U - Compound analyzed for but not detected
X - See case narrative
* - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: NA - Not Applicable

Print Date: 10/2/2009

SUMMARY OF SAMPLE RESULTS

Evergreen Analytical, Inc.

4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client Sample ID: DCS5
Client Project ID:
Date Collected: 9/17/09 1105
Date Received: 9/18/09

Lab Work Order 09-7516
Lab Sample ID: 09-7516-08
Sample Matrix: Water

Dissolved Metals	Method: SW6010B	Analyst: MAB		
	Result	LQL	DF	Units
Sodium	97	0.40	1	mg/L
Aromatic Volatile Organics	Method: SW8021B	Analyst: LC		
	Result	LQL	DF	Units
Benzene	U	1.0	1	µg/L
Ethylbenzene	U	2.0	1	µg/L
m,p-Xylene	U	2.0	1	µg/L
o-Xylene	U	2.0	1	µg/L
Toluene	U	2.0	1	µg/L
Anions by IC	Method: E300.0	Analyst: JL		
	Result	LQL	DF	Units
Chloride	19.4	0.50	1	mg/L
RSKSOP-175M Headspace	Method: RSKSOP175M	Analyst: AS		
	Result	LQL	DF	Units
Methane	0.0042	0.00080	1	mg/L

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
E - Extrapolated value. Value exceeds calibration range
H - Sample analysis exceeded analytical holding time
J - Indicates an estimated value when the compound is detected, but is below the LQL
U - Compound analyzed for but not detected
X - See case narrative
* - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: NA - Not Applicable

Print Date: 10/2/2009

SUMMARY OF SAMPLE RESULTS

Evergreen Analytical, Inc.

4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client Sample ID: DCS6
Client Project ID:
Date Collected: 9/17/09 1115
Date Received: 9/18/09

Lab Work Order 09-7516
Lab Sample ID: 09-7516-09
Sample Matrix: Water

Dissolved Metals	Method: SW6010B	Analyst: MAB		
	Result	LQL	DF	Units
Sodium	96	0.40	1	mg/L
Aromatic Volatile Organics	Method: SW8021B	Analyst: LC		
	Result	LQL	DF	Units
Benzene	U	1.0	1	µg/L
Ethylbenzene	U	2.0	1	µg/L
m,p-Xylene	U	2.0	1	µg/L
o-Xylene	U	2.0	1	µg/L
Toluene	U	2.0	1	µg/L
Anions by IC	Method: E300.0	Analyst: JL		
	Result	LQL	DF	Units
Chloride	19.0	0.50	1	mg/L
RSKSOP-175M Headspace	Method: RSKSOP175M	Analyst: AS		
	Result	LQL	DF	Units
Methane	0.0051	0.00080	1	mg/L

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
E - Extrapolated value. Value exceeds calibration range
H - Sample analysis exceeded analytical holding time
J - Indicates an estimated value when the compound is detected, but is below the LQL
U - Compound analyzed for but not detected
X - See case narrative
* - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: NA - Not Applicable

Print Date: 10/2/2009

SUMMARY OF SAMPLE RESULTS

Evergreen Analytical, Inc.

4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client Sample ID: MW26
Client Project ID:
Date Collected: 9/17/09 1145
Date Received: 9/18/09

Lab Work Order 09-7516
Lab Sample ID: 09-7516-10
Sample Matrix: Water

Dissolved Metals	Method: SW6010B	Analyst: MAB		
	Result	LQL	DF	Units
Sodium	53	0.40	1	mg/L
Aromatic Volatile Organics	Method: SW8021B	Analyst: LC		
	Result	LQL	DF	Units
Benzene	U	1.0	1	µg/L
Ethylbenzene	U	2.0	1	µg/L
m,p-Xylene	U	2.0	1	µg/L
o-Xylene	U	2.0	1	µg/L
Toluene	U	2.0	1	µg/L
Anions by IC	Method: E300.0	Analyst: JL		
	Result	LQL	DF	Units
Chloride	3.7	0.50	1	mg/L
RSKSOP-175M Headspace	Method: RSKSOP175M	Analyst: AS		
	Result	LQL	DF	Units
Methane	0.049	0.00080	1	mg/L

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
E - Extrapolated value. Value exceeds calibration range
H - Sample analysis exceeded analytical holding time
J - Indicates an estimated value when the compound is detected, but is below the LQL
U - Compound analyzed for but not detected
X - See case narrative
* - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: NA - Not Applicable

Print Date: 10/2/2009

SUMMARY OF SAMPLE RESULTS

Evergreen Analytical, Inc.

4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client Sample ID: DCS7
Client Project ID:
Date Collected: 9/17/09 1210
Date Received: 9/18/09

Lab Work Order 09-7516
Lab Sample ID: 09-7516-11
Sample Matrix: Water

Dissolved Metals	Method: SW6010B	Analyst: MAB		
	Result	LQL	DF	Units
Sodium	96	0.40	1	mg/L
Aromatic Volatile Organics	Method: SW8021B	Analyst: LC		
	Result	LQL	DF	Units
Benzene	U	1.0	1	µg/L
Ethylbenzene	U	2.0	1	µg/L
m,p-Xylene	U	2.0	1	µg/L
o-Xylene	U	2.0	1	µg/L
Toluene	U	2.0	1	µg/L
Anions by IC	Method: E300.0	Analyst: JL		
	Result	LQL	DF	Units
Chloride	20.1	0.50	1	mg/L
RSKSOP-175M Headspace	Method: RSKSOP175M	Analyst: AS		
	Result	LQL	DF	Units
Methane	0.0054	0.00080	1	mg/L

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
E - Extrapolated value. Value exceeds calibration range
H - Sample analysis exceeded analytical holding time
J - Indicates an estimated value when the compound is detected, but is below the LQL
U - Compound analyzed for but not detected
X - See case narrative
* - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: NA - Not Applicable

Print Date: 10/2/2009

SUMMARY OF SAMPLE RESULTS

Evergreen Analytical, Inc.

4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client Sample ID: DCS8
Client Project ID:
Date Collected: 9/17/09 1225
Date Received: 9/18/09

Lab Work Order: 09-7516
Lab Sample ID: 09-7516-12
Sample Matrix: Water

Dissolved Metals	Method: SW6010B	Analyst: MAB
	Result	LQL
Sodium	96	0.40
	DF	Units
	1	mg/L
Aromatic Volatile Organics	Method: SW8021B	Analyst: LC
	Result	LQL
Benzene	U	1.0
Ethylbenzene	U	2.0
m,p-Xylene	U	2.0
o-Xylene	U	2.0
Toluene	U	2.0
	DF	Units
	1	µg/L
Anions by IC	Method: E300.0	Analyst: JL
	Result	LQL
Chloride	20.2	0.50
	DF	Units
	1	mg/L
RSKSOP-175M Headspace	Method: RSKSOP175M	Analyst: AS
	Result	LQL
Methane	0.0038	0.00080
	DF	Units
	1	mg/L

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
E - Extrapolated value. Value exceeds calibration range
H - Sample analysis exceeded analytical holding time
J - Indicates an estimated value when the compound is detected, but is below the LQL
U - Compound analyzed for but not detected
X - See case narrative
* - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: NA - Not Applicable

SUMMARY OF SAMPLE RESULTS

Evergreen Analytical, Inc.

4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client Sample ID: MW24
Client Project ID:
Date Collected: 9/17/09 1240
Date Received: 9/18/09

Lab Work Order 09-7516
Lab Sample ID: 09-7516-13
Sample Matrix: Water

Dissolved Metals		Method: SW6010B			Analyst: MAB
	Result	LQL	DF	Units	
Sodium	98	0.40	1	mg/L	
Aromatic Volatile Organics		Method: SW8021B			Analyst: LC
	Result	LQL	DF	Units	
Benzene	U	1.0	1	µg/L	
Ethylbenzene	U	2.0	1	µg/L	
m,p-Xylene	U	2.0	1	µg/L	
o-Xylene	U	2.0	1	µg/L	
Toluene	U	2.0	1	µg/L	
Anions by IC		Method: E300.0			Analyst: JL
	Result	LQL	DF	Units	
Chloride	4.7	0.50	1	mg/L	
RSKSOP-175M Headspace		Method: RSKSOP175M			Analyst: AS
	Result	LQL	DF	Units	
Methane	0.60	0.00080	1	mg/L	

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
E - Extrapolated value. Value exceeds calibration range
H - Sample analysis exceeded analytical holding time
J - Indicates an estimated value when the compound is detected, but is below the LQL
U - Compound analyzed for but not detected
X - See case narrative
* - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: NA - Not Applicable

Print Date: 10/2/2009

Evergreen Analytical, Inc.
 4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
 (303) 425-6021

Client Sample ID: LANGWW
Client Project ID:
Date Collected: 9/17/2009
Date Received: 9/18/2009

Lab Work Order: 09-7516
Lab Sample ID: 09-7516-01A
Sample Matrix: Water

AROMATIC VOLATILE ORGANICS

Method: SW8021B

Prep Method: SW5030B

Date Prepared: 9/18/2009

Lab File ID: TA2340.D\FID1A.CH

Dilution Factor: 1


Date Analyzed: 9/18/2009

Method Blank: MB2091809

Analytes	CAS Number	Result	LQL	Units
Benzene	71-43-2	U	1.0	µg/L
Toluene	108-88-3	U	2.0	µg/L
Ethylbenzene	100-41-4	U	2.0	µg/L
m,p-Xylene	1330-20-7	U	2.0	µg/L
o-Xylene	95-47-6	U	2.0	µg/L
Surr: 1,2,4-Trichlorobenzene (S)	120-82-1	108	QC Limits: 60-140	%REC



 Analyst



 Approved

Notes: Total Xylenes consist of three isomers, two of which co-elute. The Xylene RL is for a single peak. Confirmation analysis was not performed.

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
 E - Extrapolated value. Value exceeds calibration range
 H - Sample analysis exceeded analytical holding time
 J - Indicates an estimated value when the compound is detected, but is below the LQL
 S - Spike Recovery outside accepted limits
 U - Compound analyzed for but not detected
 X - See case narrative
 * - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: LQL - Lower Quantitation Limit
 Surr - Surrogate

Print Date: 9/19/2009

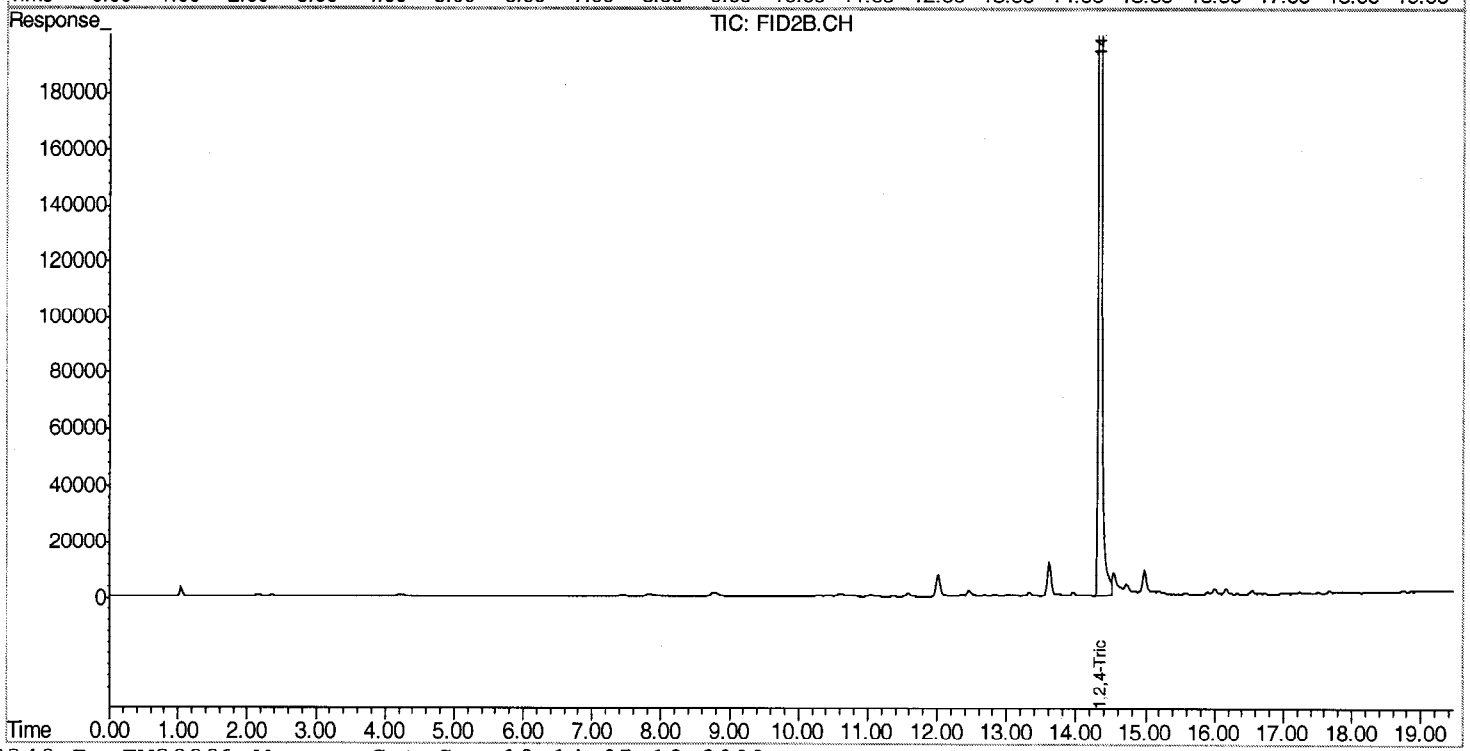
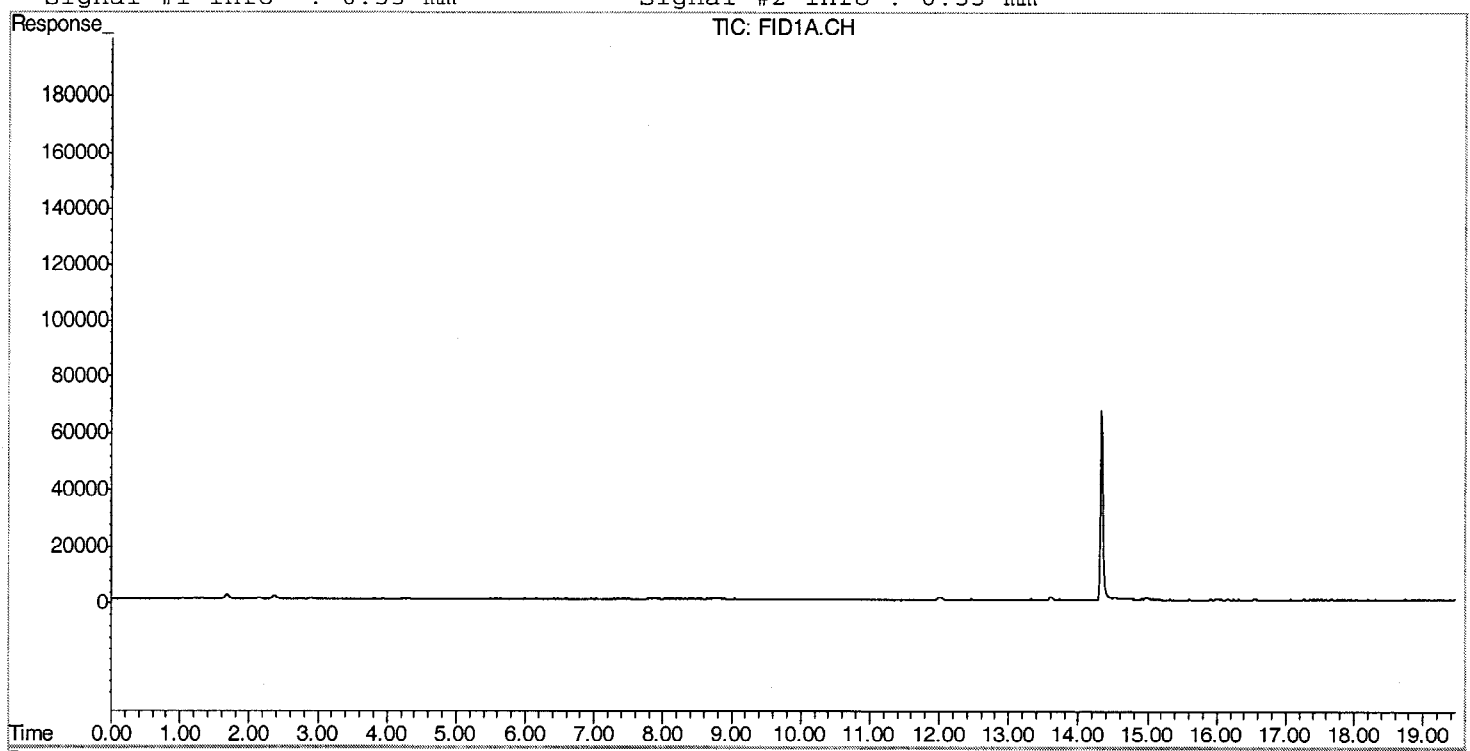
Quantitation Report (QT Reviewed)

023

Signal #1 : Z:\091809\TA2340.D\FID1A.CH Vial: 5
 Signal #2 : Z:\091809\TA2340.D\FID2B.CH
 Acq On : 18 Sep 2009 8:26 pm Operator: laurac
 Sample : 09-7516-01A Inst : TVHBTEX2
 Misc : ,SAMP,8021_W,TVH_W,1,|GC244,GTA127,,,,,1 Multiplr: 1.00
 IntFile Signal #1: TVH1.E IntFile Signal #2: FB2.E
 Quant Time: Sep 19 14:06 2009 Quant Results File: TW20901.RES

Quant Method : C:\MSDCHEM\1\METHODS\TW20901.M (Chemstation Integrator)
 Title : 8015B/8021B TVH/BTEX
 Last Update : Sat Sep 19 13:46:02 2009
 Response via : Multiple Level Calibration
 DataAcq Meth : TVB2.M

Volume Inj. :
 Signal #1 Phase : DB-624 Signal #2 Phase: DB-624
 Signal #1 Info : 0.53 mm Signal #2 Info : 0.53 mm



Evergreen Analytical, Inc.
 4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
 (303) 425-6021

Client Sample ID: MW25
Client Project ID:
Date Collected: 9/17/2009
Date Received: 9/17/2009

Lab Work Order: 09-7516
Lab Sample ID: 09-7516-02A
Sample Matrix: Water

AROMATIC VOLATILE ORGANICS

Method: SW8021B

Prep Method: SW5030B

Date Prepared: 9/18/2009

Lab File ID: TA2343.D\FID1A.CH

Dilution Factor: 1

Date Analyzed: 9/18/2009

Method Blank: MB2091809

Analytes	CAS Number	Result	LQL	Units
Benzene	71-43-2	U	1.0	µg/L
Toluene	108-88-3	U	2.0	µg/L
Ethylbenzene	100-41-4	U	2.0	µg/L
m,p-Xylene	1330-20-7	U	2.0	µg/L
o-Xylene	95-47-6	U	2.0	µg/L
Surr: 1,2,4-Trichlorobenzene (S)	120-82-1	111	QC Limits: 60-140	%REC

 Analyst

 Approved

Notes: Total Xylenes consist of three isomers, two of which co-elute. The Xylene RL is for a single peak. Confirmation analysis was not performed.

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
 E - Extrapolated value. Value exceeds calibration range
 H - Sample analysis exceeded analytical holding time
 J - Indicates an estimated value when the compound is detected, but is below the LQL
 S - Spike Recovery outside accepted limits
 U - Compound analyzed for but not detected
 X - See case narrative
 * - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

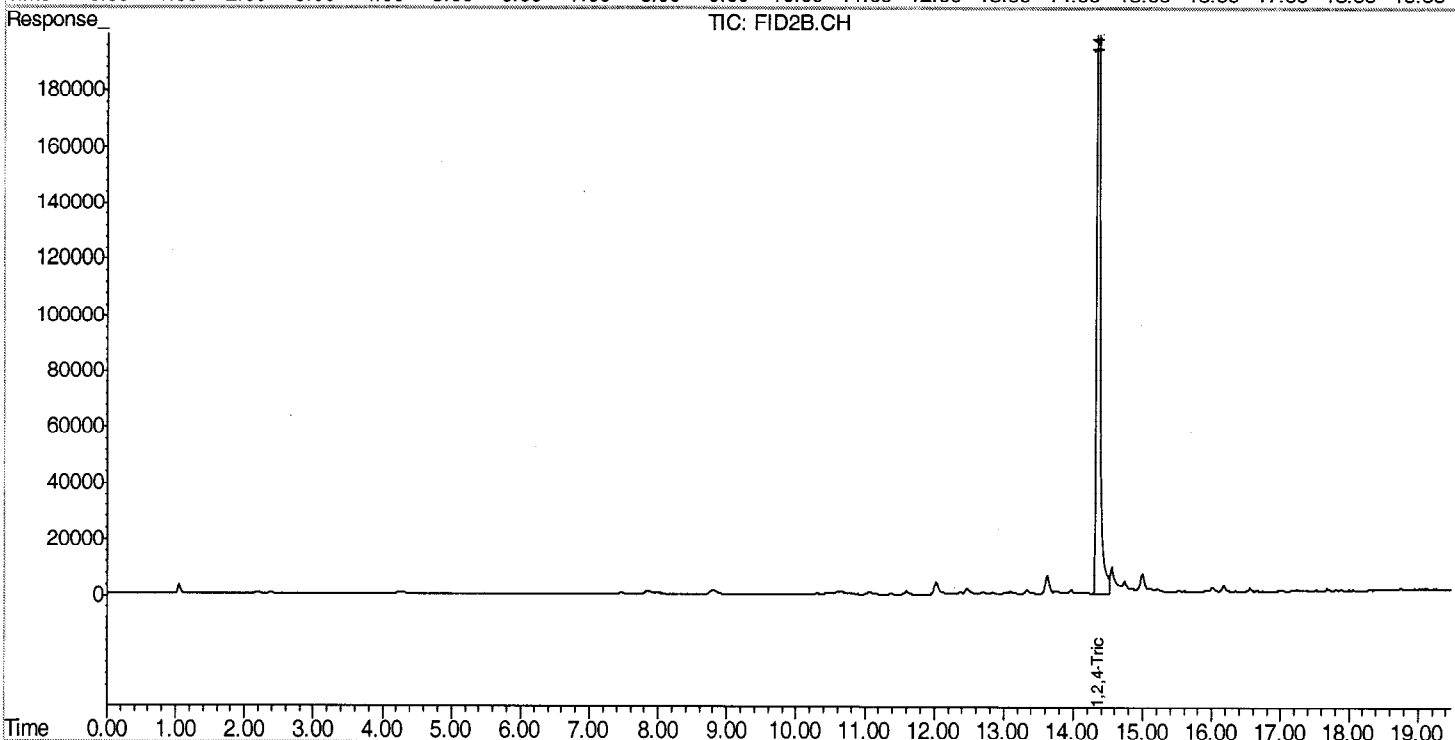
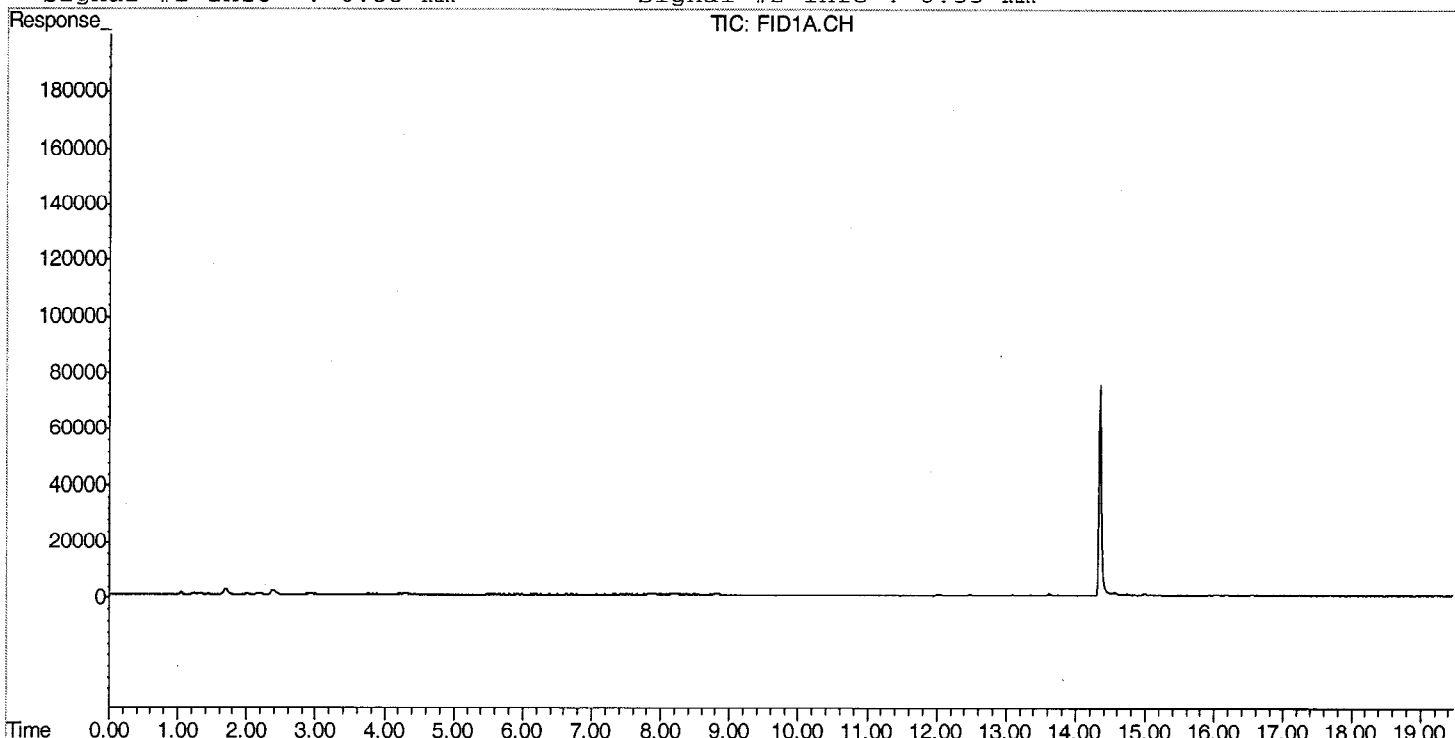
Definitions: LQL - Lower Quantitation Limit
 Surr - Surrogate

Print Date: 9/19/2009

Signal #1 : Z:\091809\TA2343.D\FID1A.CH Vial: 8
 Signal #2 : Z:\091809\TA2343.D\FID2B.CH
 Acq On : 18 Sep 2009 10:12 pm Operator: laurac
 Sample : 09-7516-02A Inst : TVHBTEX2
 Misc : ,SAMP,8021_W,TVH_W,1,|GC244,GTA127,,,,,1 Multiplr: 1.00
 IntFile Signal #1: TVH1.E IntFile Signal #2: FB2.E
 Quant Time: Sep 19 14:07 2009 Quant Results File: TW20901.RES

Quant Method : C:\MSDCHEM\1\METHODS\TW20901.M (Chemstation Integrator)
 Title : 8015B/8021B TVH/BTEX
 Last Update : Sat Sep 19 13:46:02 2009
 Response via : Multiple Level Calibration
 DataAcq Meth : TVB2.M

Volume Inj. :
 Signal #1 Phase : DB-624 Signal #2 Phase: DB-624
 Signal #1 Info : 0.53 mm Signal #2 Info : 0.53 mm



Evergreen Analytical, Inc.
 4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
 (303) 425-6021

Client Sample ID: MW11
Client Project ID:
Date Collected: 9/17/2009
Date Received: 9/17/2009

Lab Work Order: 09-7516
Lab Sample ID: 09-7516-03A
Sample Matrix: Water

AROMATIC VOLATILE ORGANICS

Method: SW8021B

Prep Method: SW5030B

Date Prepared: 9/18/2009

Lab File ID: TA2344.D\FID1A.CH

Dilution Factor: 1

Date Analyzed: 9/18/2009

Method Blank: MB2091809

Analytes	CAS Number	Result	LQL	Units
Benzene	71-43-2	U	1.0	µg/L
Toluene	108-88-3	U	2.0	µg/L
Ethylbenzene	100-41-4	U	2.0	µg/L
m,p-Xylene	1330-20-7	U	2.0	µg/L
o-Xylene	95-47-6	U	2.0	µg/L
Surr: 1,2,4-Trichlorobenzene (S)	120-82-1	110	QC Limits: 60-140	%REC



 Analyst



 Approved

Notes: Total Xylenes consist of three isomers, two of which co-elute. The Xylene RL is for a single peak. Confirmation analysis was not performed.

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
 E - Extrapolated value. Value exceeds calibration range
 H - Sample analysis exceeded analytical holding time
 J - Indicates an estimated value when the compound is detected, but is below the LQL
 S - Spike Recovery outside accepted limits
 U - Compound analyzed for but not detected
 X - See case narrative
 * - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

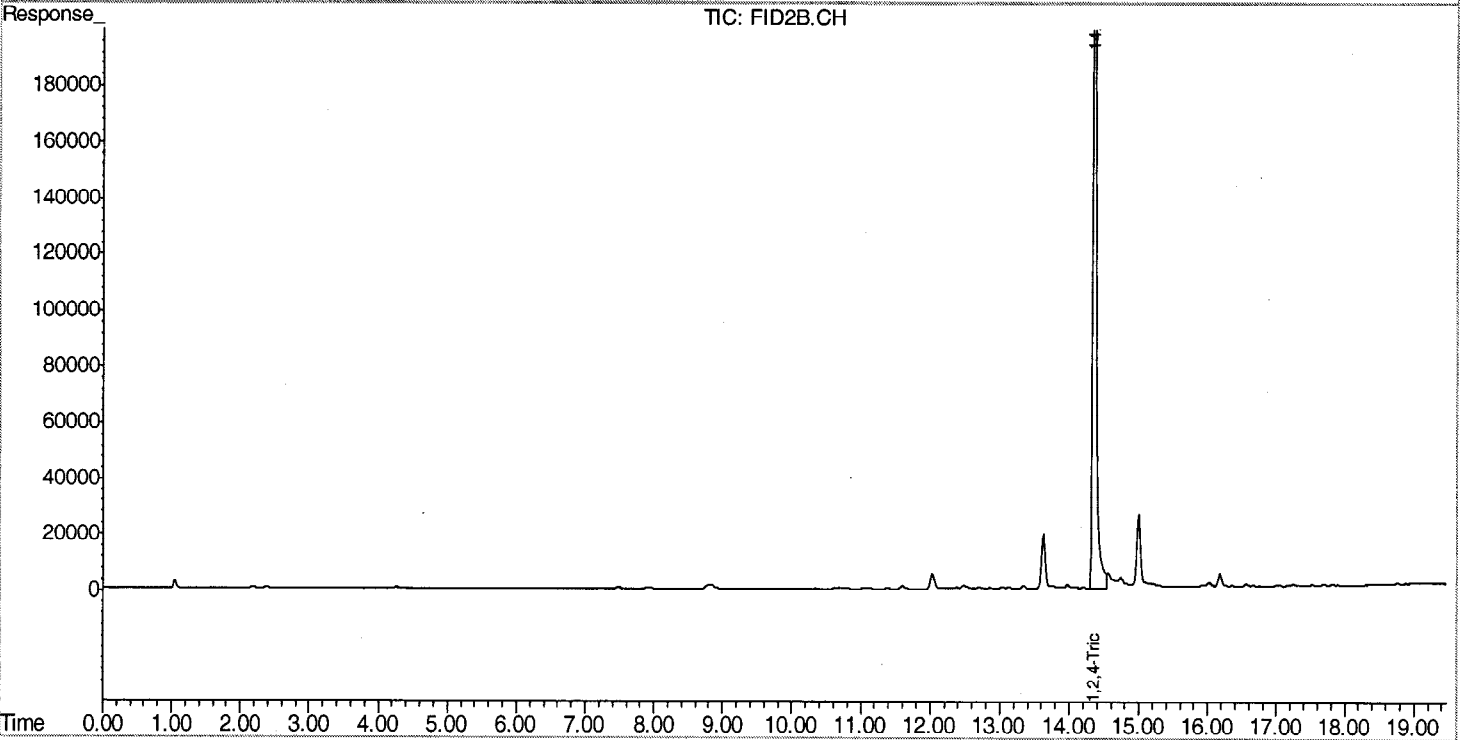
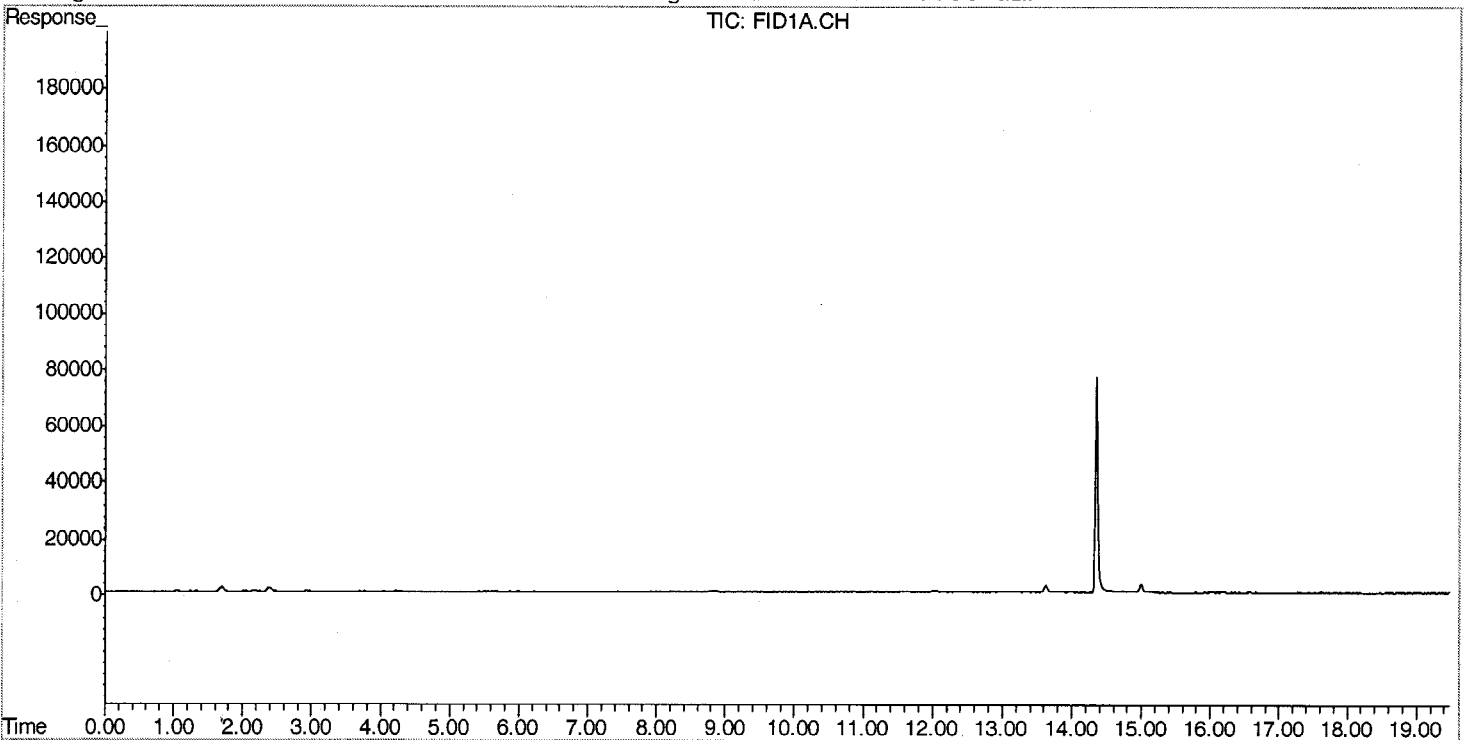
Definitions: LQL - Lower Quantitation Limit
 Surr - Surrogate

Print Date: 9/19/2009

Signal #1 : Z:\091809\TA2344.D\FID1A.CH Vial: 9
 Signal #2 : Z:\091809\TA2344.D\FID2B.CH
 Acq On : 18 Sep 2009 10:47 pm Operator: laurac
 Sample : 09-7516-03A Inst : TVHBTEX2
 Misc : ,SAMP,8021_W,TVH_W,1,|GC244,GTA127,,,,,1 Multiplr: 1.00
 IntFile Signal #1: TVH1.E IntFile Signal #2: FB2.E
 Quant Time: Sep 19 14:07 2009 Quant Results File: TW20901.RES

Quant Method : C:\MSDCHEM\1\METHODS\TW20901.M (Chemstation Integrator)
 Title : 8015B/8021B TVH/BTEX
 Last Update : Sat Sep 19 13:46:02 2009
 Response via : Multiple Level Calibration
 DataAcq Meth : TVB2.M

Volume Inj. :
 Signal #1 Phase : DB-624 Signal #2 Phase: DB-624
 Signal #1 Info : 0.53 mm Signal #2 Info : 0.53 mm



Evergreen Analytical, Inc.
 4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
 (303) 425-6021

Client Sample ID: DCS1	Lab Work Order: 09-7516
Client Project ID:	Lab Sample ID: 09-7516-04A
Date Collected: 9/17/2009	Sample Matrix: Water
Date Received: 9/17/2009	

AROMATIC VOLATILE ORGANICS

Method: SW8021B

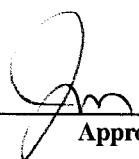
Prep Method: SW5030B

Date Prepared: 9/18/2009	Lab File ID: TA2345.D\FID1A.CH	Dilution Factor: 1
Date Analyzed: 9/18/2009	Method Blank: MB2091809	

Analytes	CAS Number	Result	LQL	Units
Benzene	71-43-2	U	1.0	µg/L
Toluene	108-88-3	U	2.0	µg/L
Ethylbenzene	100-41-4	U	2.0	µg/L
m,p-Xylene	1330-20-7	U	2.0	µg/L
o-Xylene	95-47-6	U	2.0	µg/L
Surr: 1,2,4-Trichlorobenzene (S)	120-82-1	109	QC Limits: 60-140	%REC



 Analyst



 Approved

Notes: Total Xylenes consist of three isomers, two of which co-elute. The Xylene RL is for a single peak. Confirmation analysis was not performed.

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
 E - Extrapolated value. Value exceeds calibration range
 H - Sample analysis exceeded analytical holding time
 J - Indicates an estimated value when the compound is detected, but is below the LQL
 S - Spike Recovery outside accepted limits
 U - Compound analyzed for but not detected
 X - See case narrative
 * - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

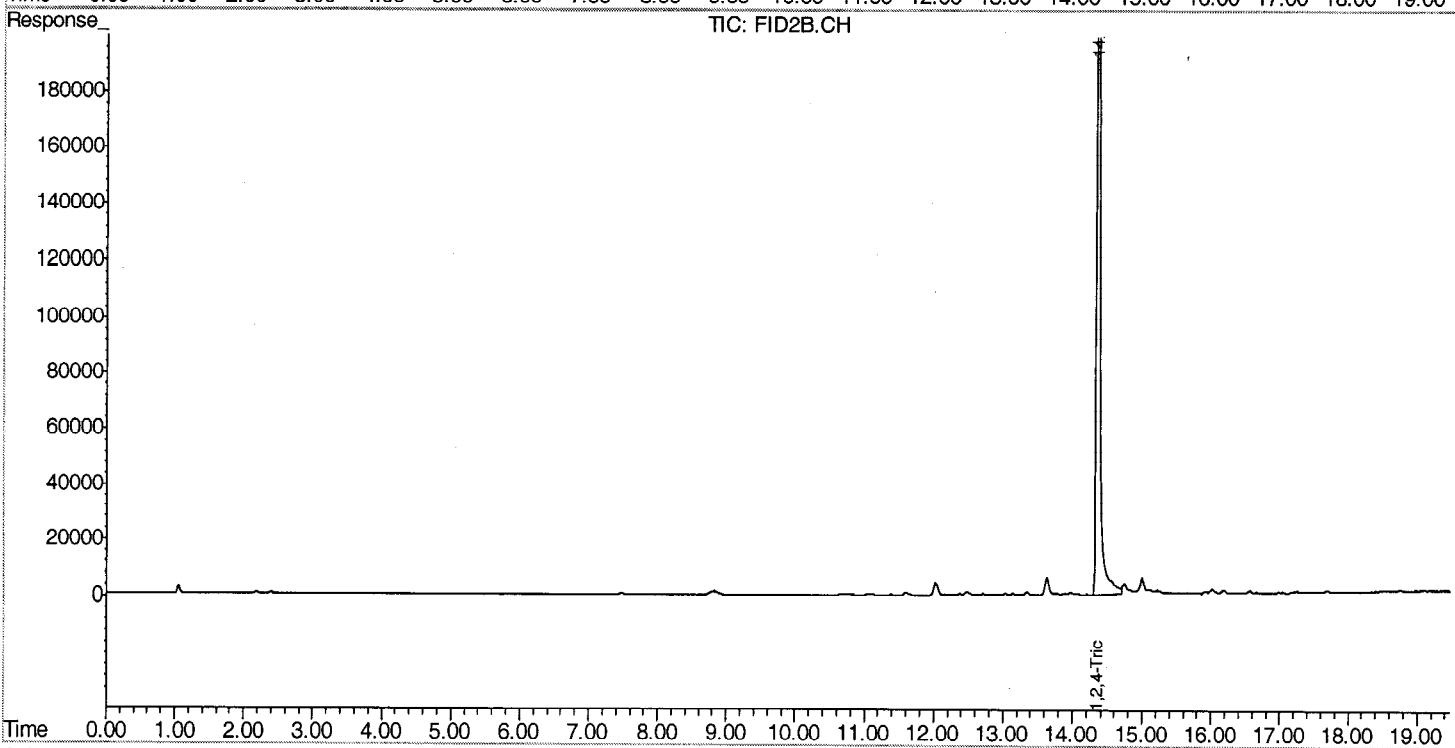
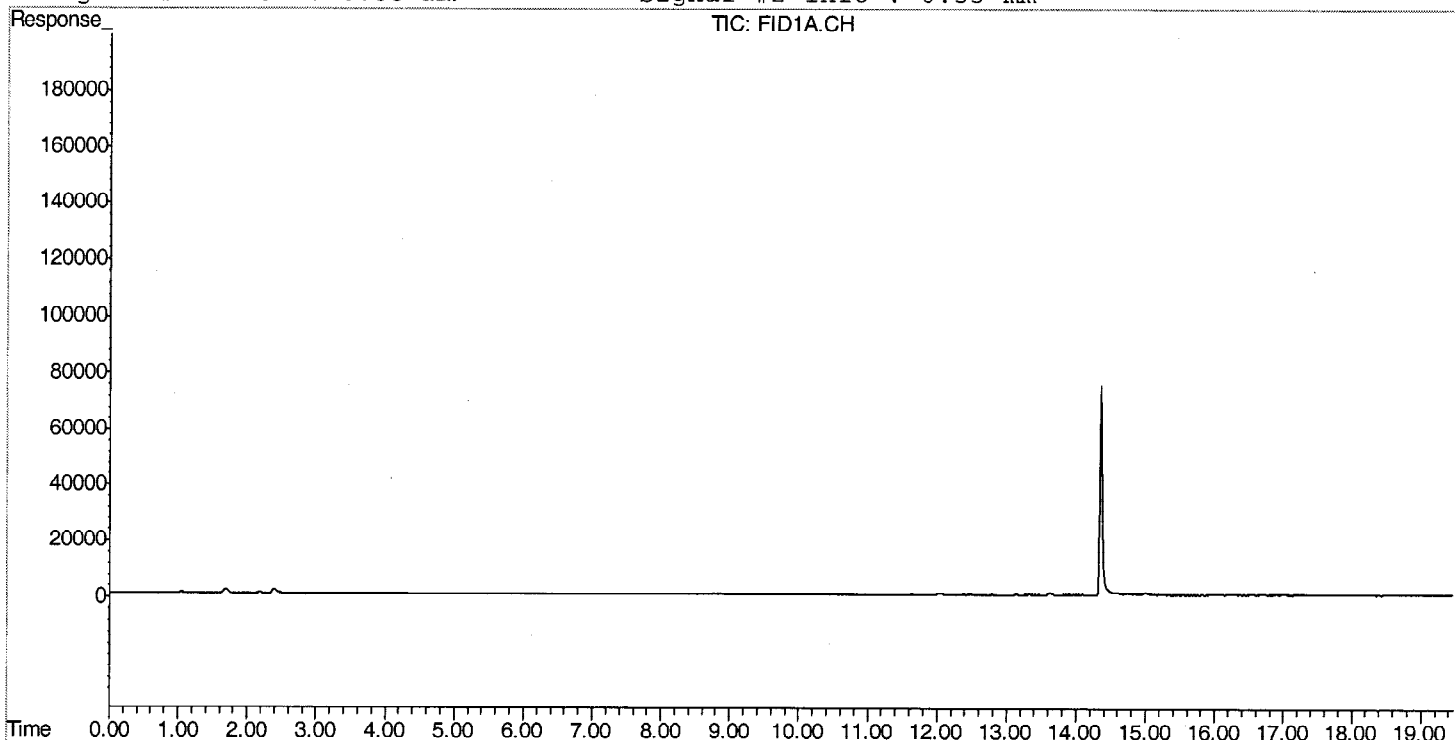
Definitions: LQL - Lower Quantitation Limit
 Surr - Surrogate

Print Date: 9/19/2009

Signal #1 : Z:\091809\TA2345.D\FID1A.CH Vial: 10
 Signal #2 : Z:\091809\TA2345.D\FID2B.CH
 Acq On : 18 Sep 2009 11:23 pm Operator: laurac
 Sample : 09-7516-04A Inst : TVHBTEX2
 Misc : ,SAMP,8021_W,TVH_W,1,|GC244,GTA127,,,,,1 Multiplr: 1.00
 IntFile Signal #1: TVH1.E IntFile Signal #2: FB2.E
 Quant Time: Sep 19 14:07 2009 Quant Results File: TW20901.RES

Quant Method : C:\MSDCHEM\1\METHODS\TW20901.M (Chemstation Integrator)
 Title : 8015B/8021B TVH/BTEX
 Last Update : Sat Sep 19 13:46:02 2009
 Response via : Multiple Level Calibration
 DataAcq Meth : TVB2.M

Volume Inj. :
 Signal #1 Phase : DB-624 Signal #2 Phase: DB-624
 Signal #1 Info : 0.53 mm Signal #2 Info : 0.53 mm



Evergreen Analytical, Inc.
 4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
 (303) 425-6021

Client Sample ID: DCS2
Client Project ID:
Date Collected: 9/17/2009
Date Received: 9/18/2009

Lab Work Order: 09-7516
Lab Sample ID: 09-7516-05A
Sample Matrix: Water

AROMATIC VOLATILE ORGANICS

Method: SW8021B

Prep Method: SW5030B

Date Prepared: 9/18/2009
Date Analyzed: 9/18/2009

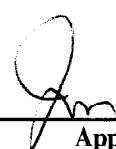
Lab File ID: TA2346.D\FID1A.CH
Method Blank: MB2091809

Dilution Factor: 1

Analytes	CAS Number	Result	LQL	Units
Benzene	71-43-2	U	1.0	µg/L
Toluene	108-88-3	U	2.0	µg/L
Ethylbenzene	100-41-4	U	2.0	µg/L
m,p-Xylene	1330-20-7	U	2.0	µg/L
o-Xylene	95-47-6	U	2.0	µg/L
Surr: 1,2,4-Trichlorobenzene (S)	120-82-1	112	QC Limits: 60-140	%REC



 Analyst



 Approved

Notes: Total Xylenes consist of three isomers, two of which co-elute. The Xylene RL is for a single peak. Confirmation analysis was not performed.

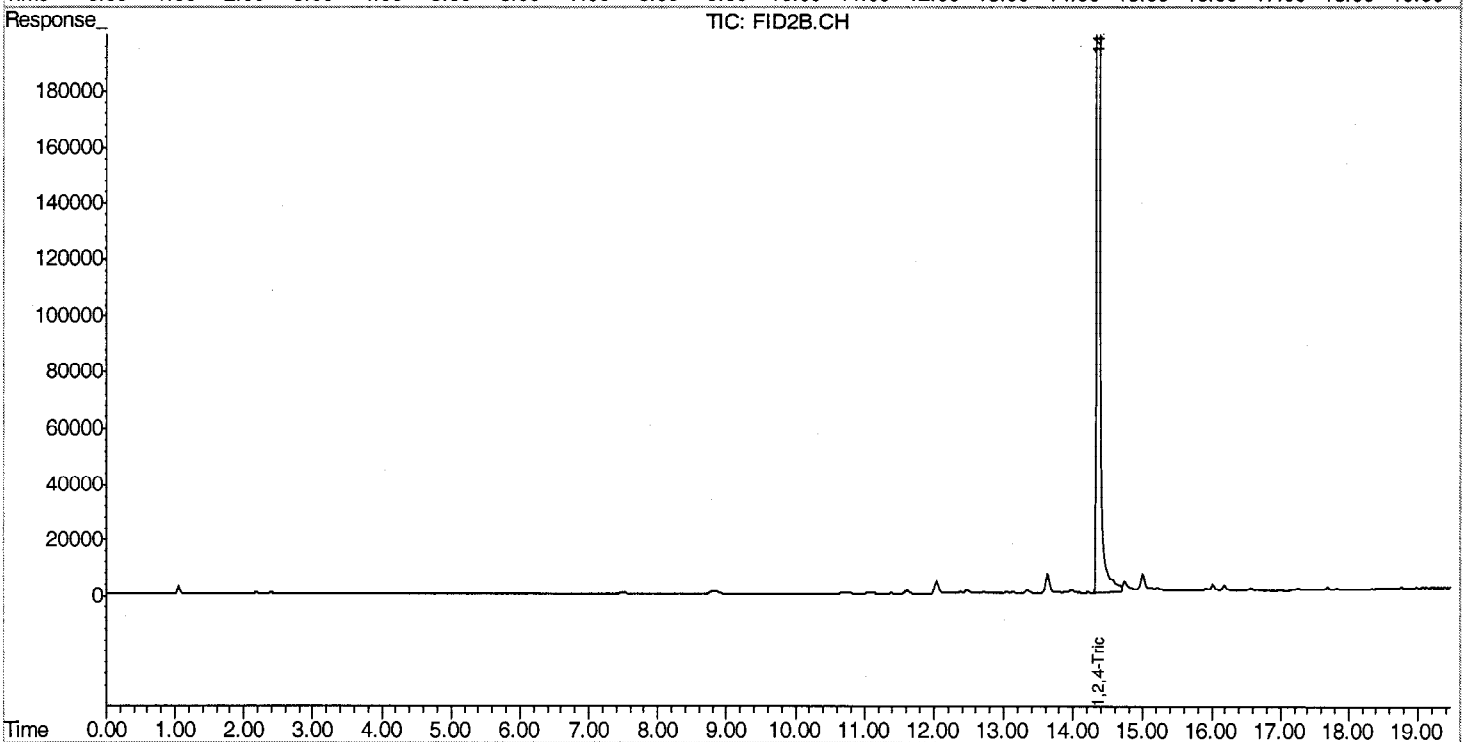
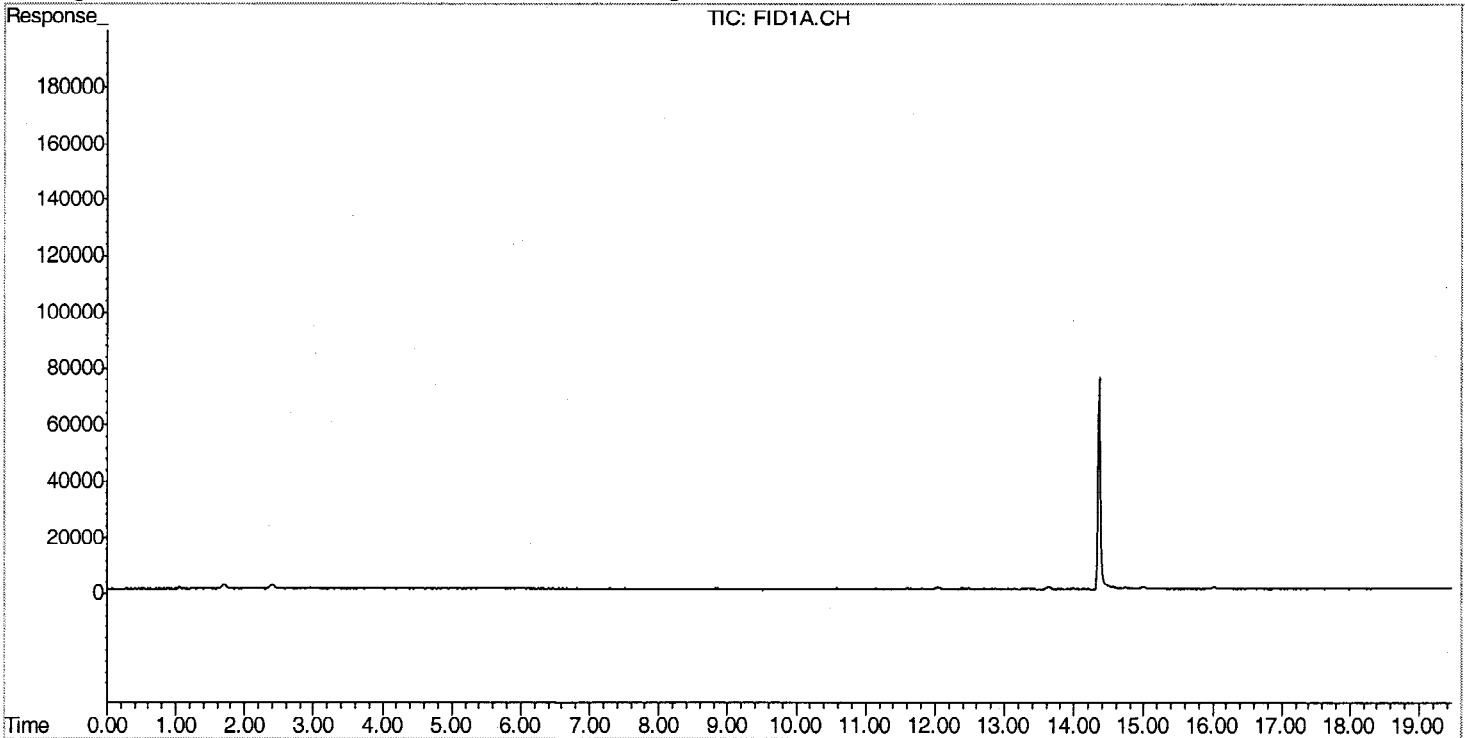
Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
 E - Extrapolated value. Value exceeds calibration range
 H - Sample analysis exceeded analytical holding time
 J - Indicates an estimated value when the compound is detected, but is below the LQL
 S - Spike Recovery outside accepted limits
 U - Compound analyzed for but not detected
 X - See case narrative
 * -Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: LQL - Lower Quantitation Limit
 Surr - Surrogate

Signal #1 : Z:\091809\TA2346.D\FID1A.CH Vial: 11
 Signal #2 : Z:\091809\TA2346.D\FID2B.CH
 Acq On : 18 Sep 2009 11:58 pm Operator: laurac
 Sample : 09-7516-05A Inst : TVHBTEX2
 Misc : ,SAMP,8021_W,TVH_W,1,GC244,GTA127,,,,,1 Multiplr: 1.00
 IntFile Signal #1: TVH1.E IntFile Signal #2: FB2.E
 Quant Time: Sep 19 14:08 2009 Quant Results File: TW20901.RES

Quant Method : C:\MSDCHEM\1\METHODS\TW20901.M (Chemstation Integrator)
 Title : 8015B/8021B TVH/BTEX
 Last Update : Sat Sep 19 13:46:02 2009
 Response via : Multiple Level Calibration
 DataAcq Meth : TVB2.M

Volume Inj. :
 Signal #1 Phase : DB-624 Signal #2 Phase: DB-624
 Signal #1 Info : 0.53 mm Signal #2 Info : 0.53 mm



Evergreen Analytical, Inc.
 4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
 (303) 425-6021

Client Sample ID: DCS3
Client Project ID:
Date Collected: 9/17/2009
Date Received: 9/17/2009

Lab Work Order: 09-7516
Lab Sample ID: 09-7516-06A
Sample Matrix: Water

AROMATIC VOLATILE ORGANICS

Method: SW8021B

Prep Method: SW5030B

Date Prepared: 9/18/2009

Lab File ID: TA2347.D\FID1A.CH

Dilution Factor: 1

Date Analyzed: 9/19/2009

Method Blank: MB2091809

Analytes	CAS Number	Result	LQL	Units
Benzene	71-43-2	U	1.0	µg/L
Toluene	108-88-3	U	2.0	µg/L
Ethylbenzene	100-41-4	U	2.0	µg/L
m,p-Xylene	1330-20-7	U	2.0	µg/L
o-Xylene	95-47-6	U	2.0	µg/L
Surr: 1,2,4-Trichlorobenzene (S)	120-82-1	113	QC Limits: 60-140	%REC

 Analyst

 Approved

Notes: Total Xylenes consist of three isomers, two of which co-elute. The Xylene RL is for a single peak. Confirmation analysis was not performed.

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
 E - Extrapolated value. Value exceeds calibration range
 H - Sample analysis exceeded analytical holding time
 J - Indicates an estimated value when the compound is detected, but is below the LQL
 S - Spike Recovery outside accepted limits
 U - Compound analyzed for but not detected
 X - See case narrative
 * - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

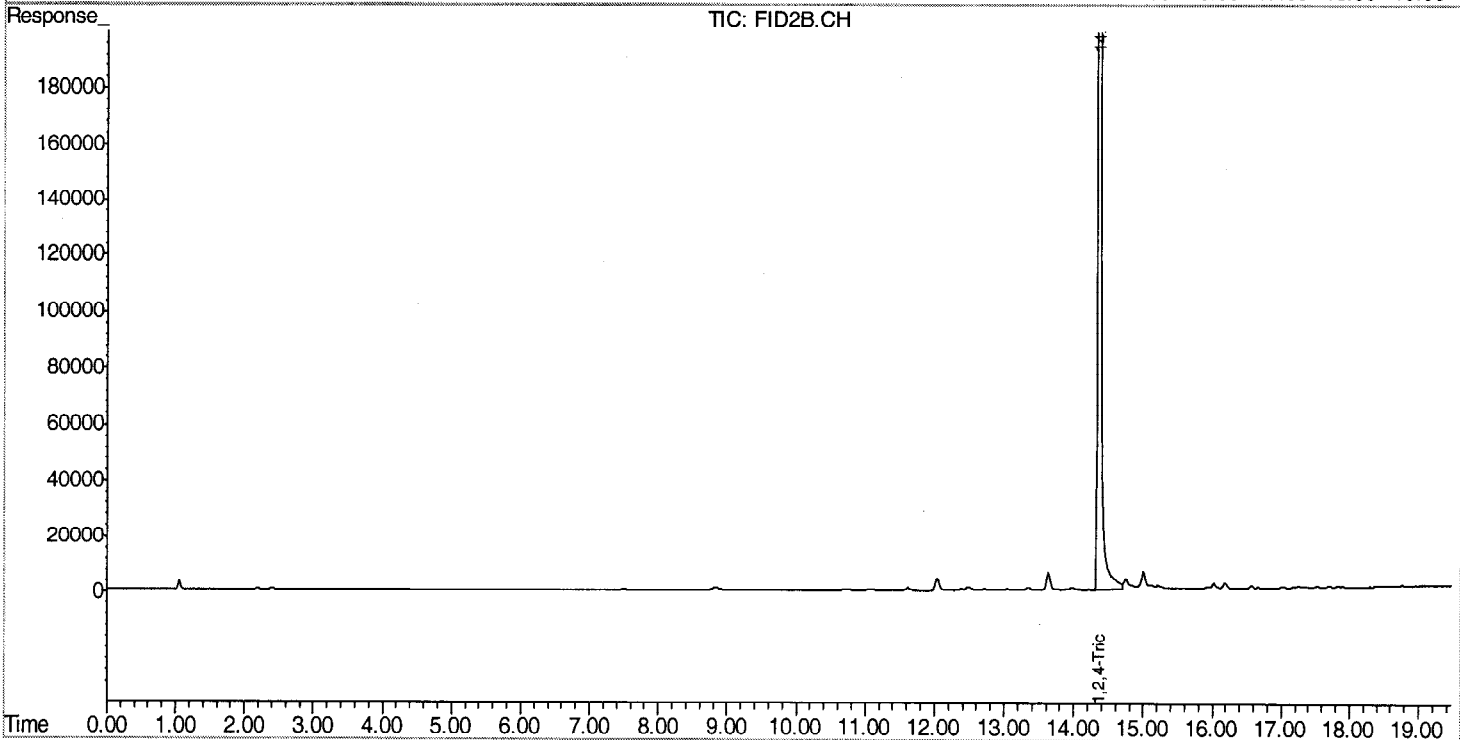
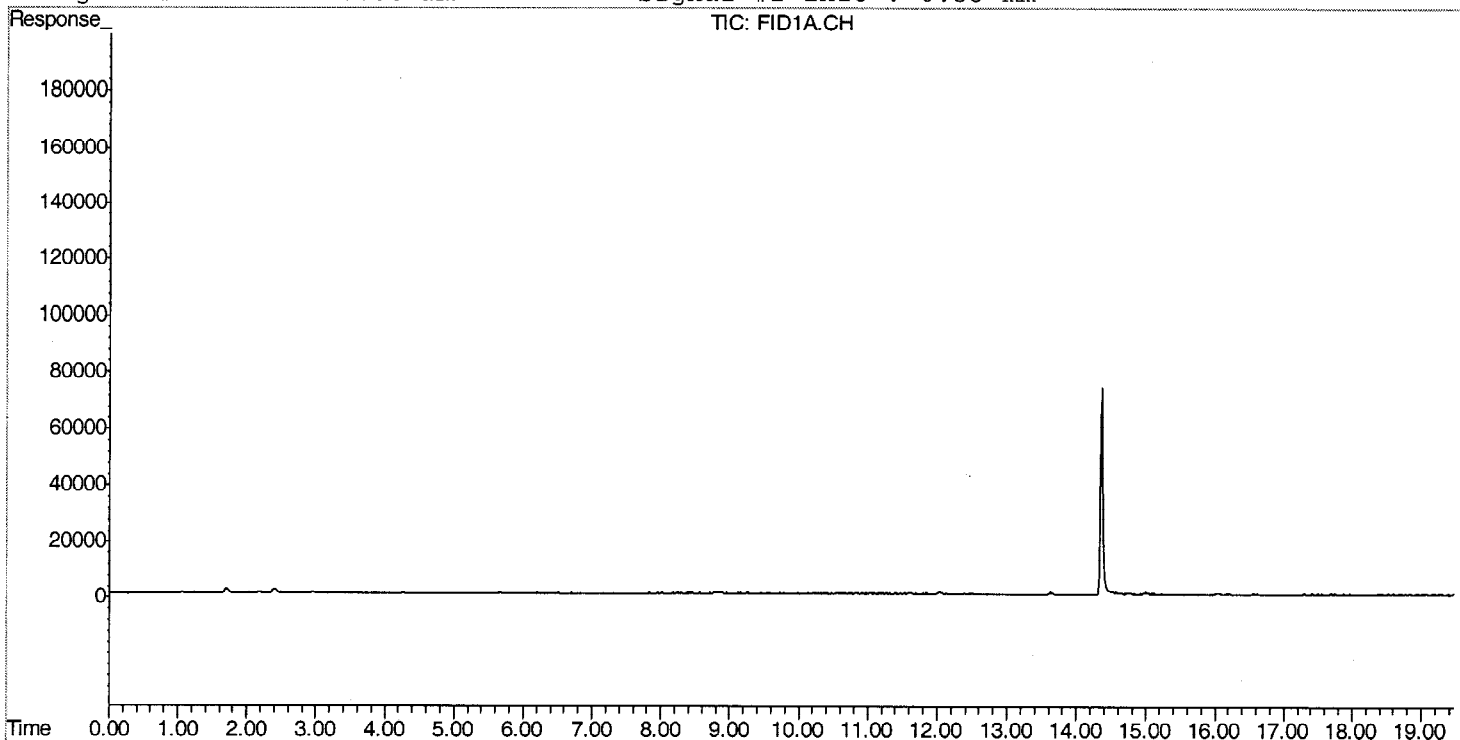
Definitions: LQL - Lower Quantitation Limit
 Surr - Surrogate

Print Date: 9/19/2009

Signal #1 : Z:\091809\TA2347.D\FID1A.CH Vial: 12
 Signal #2 : Z:\091809\TA2347.D\FID2B.CH
 Acq On : 19 Sep 2009 12:33 am Operator: laurac
 Sample : 09-7516-06A Inst : TVHBTEX2
 Misc : ,SAMP,8021_W,TVH_W,1,|GC244,GTA127,,,,,1 Multiplr: 1.00
 IntFile Signal #1: TVH1.E IntFile Signal #2: FB2.E
 Quant Time: Sep 19 14:08 2009 Quant Results File: TW20901.RES

Quant Method : C:\MSDCHEM\1\METHODS\TW20901.M (Chemstation Integrator)
 Title : 8015B/8021B TVH/BTEX
 Last Update : Sat Sep 19 13:46:02 2009
 Response via : Multiple Level Calibration
 DataAcq Meth : TVB2.M

Volume Inj. :
 Signal #1 Phase : DB-624 Signal #2 Phase: DB-624
 Signal #1 Info : 0.53 mm Signal #2 Info : 0.53 mm



Evergreen Analytical, Inc.
 4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
 (303) 425-6021

Client Sample ID: DCS4	Lab Work Order: 09-7516
Client Project ID:	Lab Sample ID: 09-7516-07A
Date Collected: 9/17/2009	Sample Matrix: Water
Date Received: 9/17/2009	

AROMATIC VOLATILE ORGANICS

Method: SW8021B


Prep Method: SW5030B

Date Prepared: 9/18/2009	Lab File ID: TA2348.D\FID1A.CH	Dilution Factor: 1
Date Analyzed: 9/19/2009	Method Blank: MB2091809	

Analytes	CAS Number	Result	LQL	Units
Benzene	71-43-2	U	1.0	µg/L
Toluene	108-88-3	U	2.0	µg/L
Ethylbenzene	100-41-4	U	2.0	µg/L
m,p-Xylene	1330-20-7	U	2.0	µg/L
o-Xylene	95-47-6	U	2.0	µg/L
Surr: 1,2,4-Trichlorobenzene (S)	120-82-1	115	QC Limits: 60-140	%REC



 Analyst



 Approved

Notes: Total Xylenes consist of three isomers, two of which co-elute. The Xylene RL is for a single peak. Confirmation analysis was not performed.

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
 E - Extrapolated value. Value exceeds calibration range
 H - Sample analysis exceeded analytical holding time
 J - Indicates an estimated value when the compound is detected, but is below the LQL
 S - Spike Recovery outside accepted limits
 U - Compound analyzed for but not detected
 X - See case narrative
 * - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

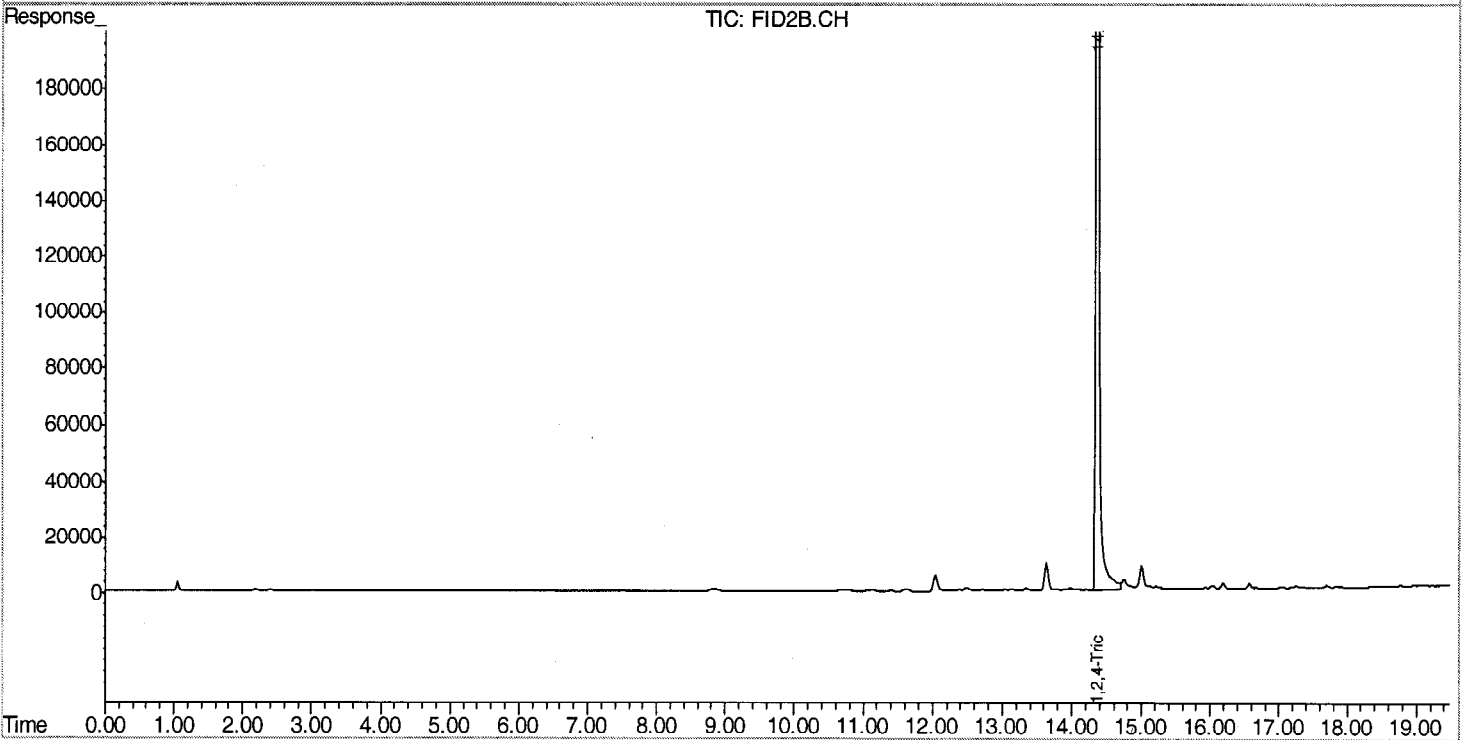
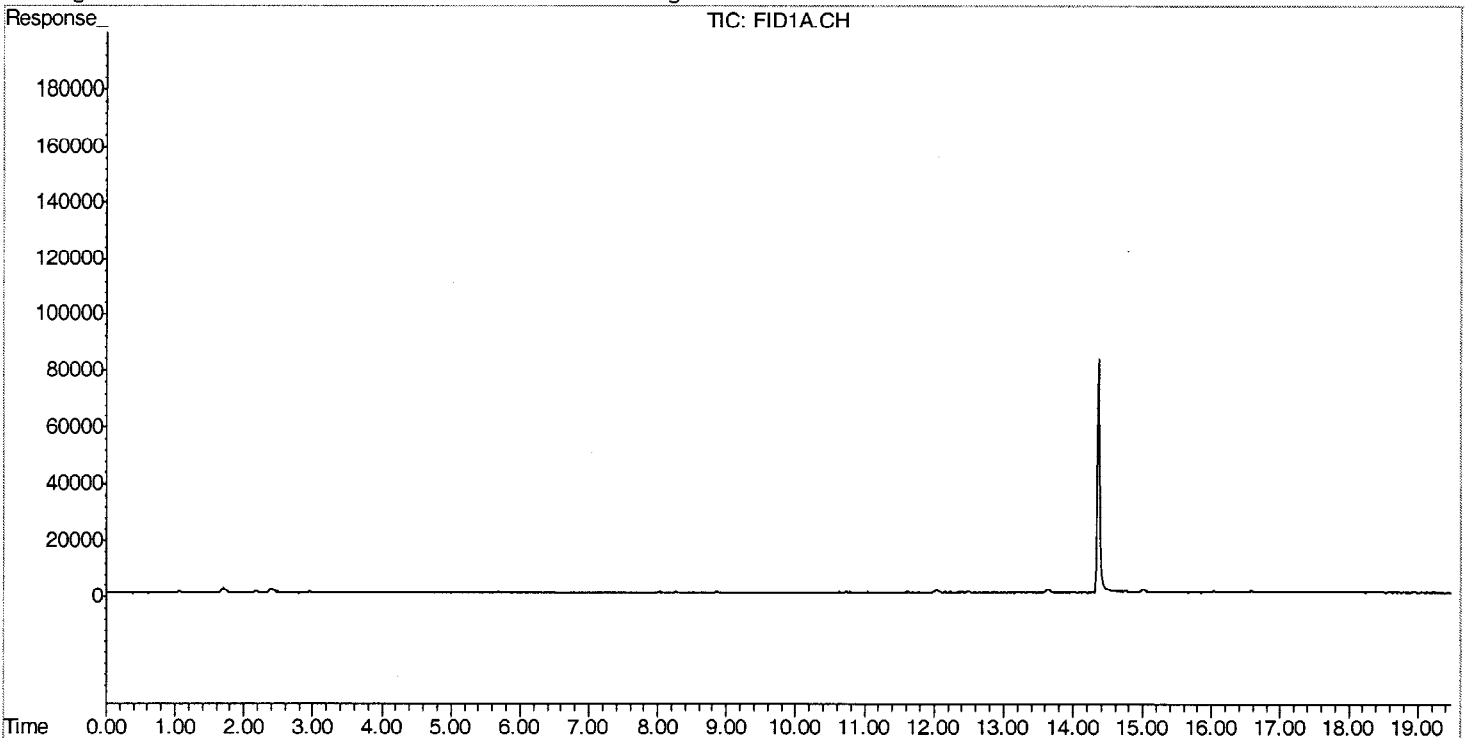
Definitions: LQL - Lower Quantitation Limit
 Surr - Surrogate

Print Date: 9/19/2009

Signal #1 : Z:\091809\TA2348.D\FID1A.CH Vial: 13
 Signal #2 : Z:\091809\TA2348.D\FID2B.CH
 Acq On : 19 Sep 2009 1:08 am Operator: laurac
 Sample : 09-7516-07A Inst : TVHBTEX2
 Misc : ,SAMP,8021_W,TVH_W,1,|GC244,GTA127,,,,,1 Multiplr: 1.00
 IntFile Signal #1: TVH1.E IntFile Signal #2: FB2.E
 Quant Time: Sep 19 14:08 2009 Quant Results File: TW20901.RES

Quant Method : C:\MSDCHEM\1\METHODS\TW20901.M (Chemstation Integrator)
 Title : 8015B/8021B TVH/BTEX
 Last Update : Sat Sep 19 13:46:02 2009
 Response via : Multiple Level Calibration
 DataAcq Meth : TVB2.M

Volume Inj. :
 Signal #1 Phase : DB-624 Signal #2 Phase: DB-624
 Signal #1 Info : 0.53 mm Signal #2 Info : 0.53 mm



Evergreen Analytical, Inc.
4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client Sample ID: DCS5
Client Project ID:
Date Collected: 9/17/2009
Date Received: 9/17/2009

Lab Work Order: 09-7516
Lab Sample ID: 09-7516-08A
Sample Matrix: Water

AROMATIC VOLATILE ORGANICS

Method: SW8021B

Prep Method: SW5030B

Date Prepared: 9/18/2009
Date Analyzed: 9/19/2009

Lab File ID: TA2349.D\FID1A.CH
Method Blank: MB2091809

Dilution Factor: 1

Analytes	CAS Number	Result	LQL	Units
Benzene	71-43-2	U	1.0	µg/L
Toluene	108-88-3	U	2.0	µg/L
Ethylbenzene	100-41-4	U	2.0	µg/L
m,p-Xylene	1330-20-7	U	2.0	µg/L
o-Xylene	95-47-6	U	2.0	µg/L
Surr: 1,2,4-Trichlorobenzene (S)	120-82-1	116	QC Limits: 60-140	%REC



Analyst



Approved

Notes: Total Xylenes consist of three isomers, two of which co-elute. The Xylene RL is for a single peak. Confirmation analysis was not performed.

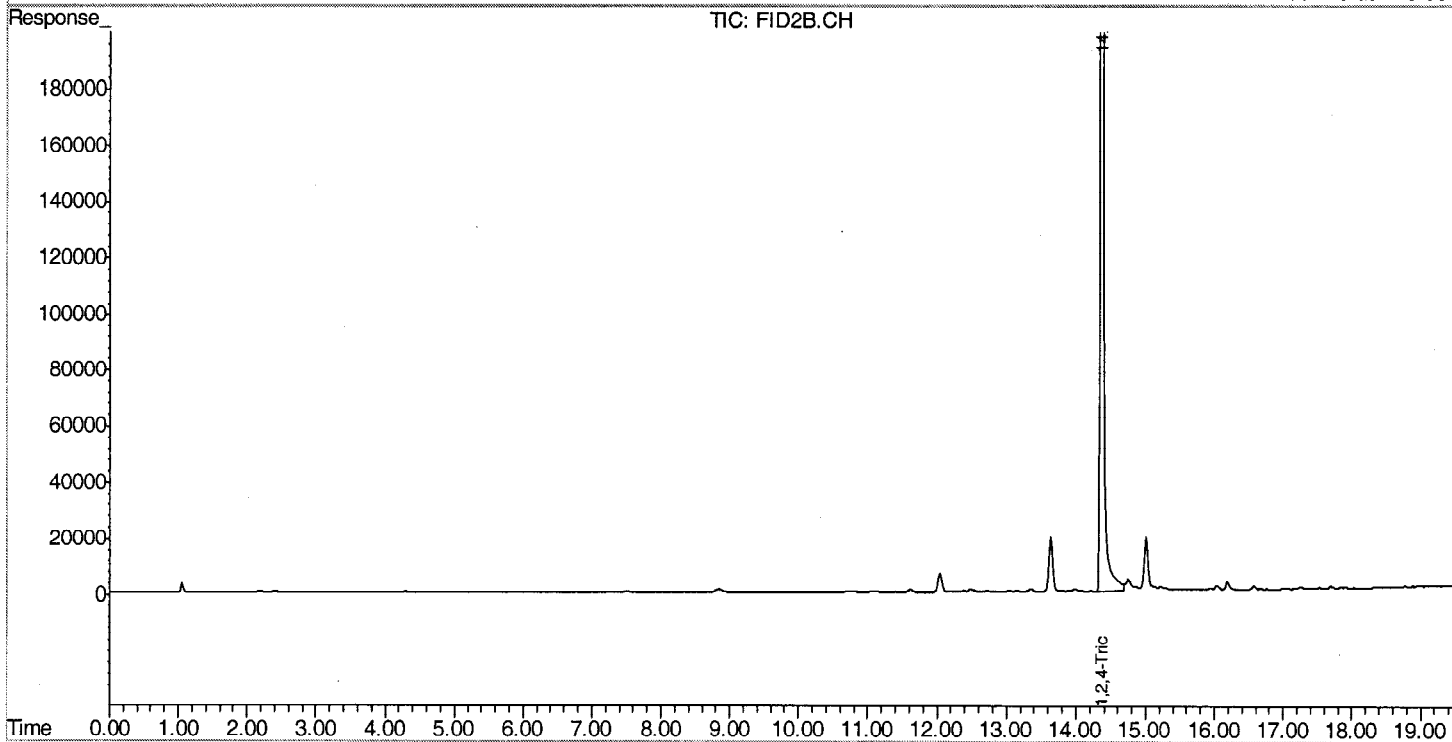
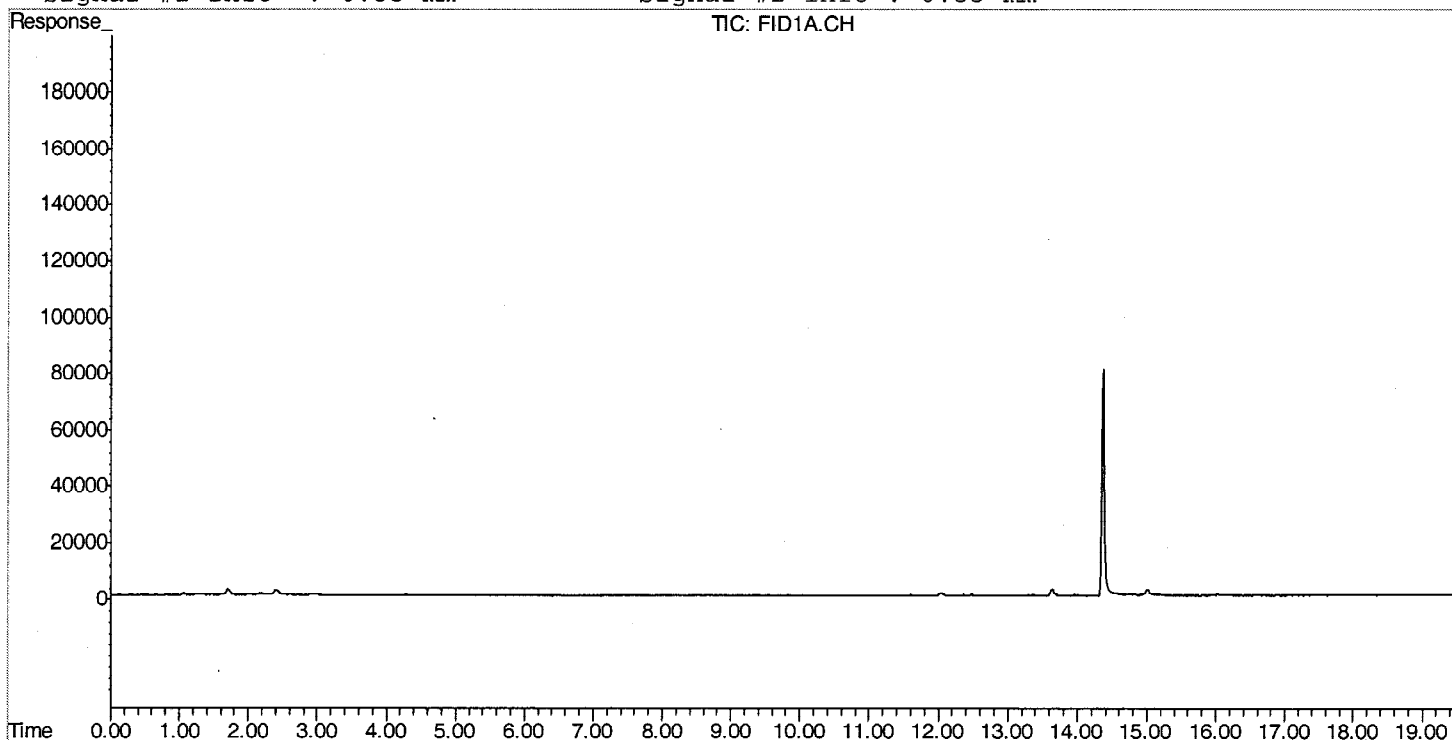
Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
E - Extrapolated value. Value exceeds calibration range
H - Sample analysis exceeded analytical holding time
J - Indicates an estimated value when the compound is detected, but is below the LQL
S - Spike Recovery outside accepted limits
U - Compound analyzed for but not detected
X - See case narrative
* - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: LQL - Lower Quantitation Limit
Surr - Surrogate

Signal #1 : Z:\091809\TA2349.D\FID1A.CH Vial: 14
 Signal #2 : Z:\091809\TA2349.D\FID2B.CH
 Acq On : 19 Sep 2009 1:43 am Operator: laurac
 Sample : 09-7516-08A Inst : TVHBTEX2
 Misc : ,SAMP,8021_W,TVH_W,1,|GC244,GTA127,,,,,1 Multiplr: 1.00
 IntFile Signal #1: TVH1.E IntFile Signal #2: FB2.E
 Quant Time: Sep 19 14:08 2009 Quant Results File: TW20901.RES

Quant Method : C:\MSDCHEM\1\METHODS\TW20901.M (Chemstation Integrator)
 Title : 8015B/8021B TVH/BTEX
 Last Update : Sat Sep 19 13:46:02 2009
 Response via : Multiple Level Calibration
 DataAcq Meth : TVB2.M

Volume Inj. :
 Signal #1 Phase : DB-624 Signal #2 Phase: DB-624
 Signal #1 Info : 0.53 mm Signal #2 Info : 0.53 mm



Evergreen Analytical, Inc.
4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client Sample ID: DCS6
Client Project ID:
Date Collected: 9/17/2009
Date Received: 9/17/2009

Lab Work Order: 09-7516
Lab Sample ID: 09-7516-09A
Sample Matrix: Water

AROMATIC VOLATILE ORGANICS

Method: SW8021B

Prep Method: SW5030B

Date Prepared: 9/18/2009
Date Analyzed: 9/19/2009

Lab File ID: TA2350.D\FID1A.CH
Method Blank: MB2091809

Dilution Factor: 1

Analytes	CAS Number	Result	LQL	Units
Benzene	71-43-2	U	1.0	µg/L
Toluene	108-88-3	U	2.0	µg/L
Ethylbenzene	100-41-4	U	2.0	µg/L
m,p-Xylene	1330-20-7	U	2.0	µg/L
o-Xylene	95-47-6	U	2.0	µg/L
Surr: 1,2,4-Trichlorobenzene (S)	120-82-1	113	QC Limits: 60-140	%REC



Analyst



Approved

Notes: Total Xylenes consist of three isomers, two of which co-elute. The Xylene RL is for a single peak. Confirmation analysis was not performed.

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
E - Extrapolated value. Value exceeds calibration range
H - Sample analysis exceeded analytical holding time
J - Indicates an estimated value when the compound is detected, but is below the LQL
S - Spike Recovery outside accepted limits
U - Compound analyzed for but not detected
X - See case narrative
* - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

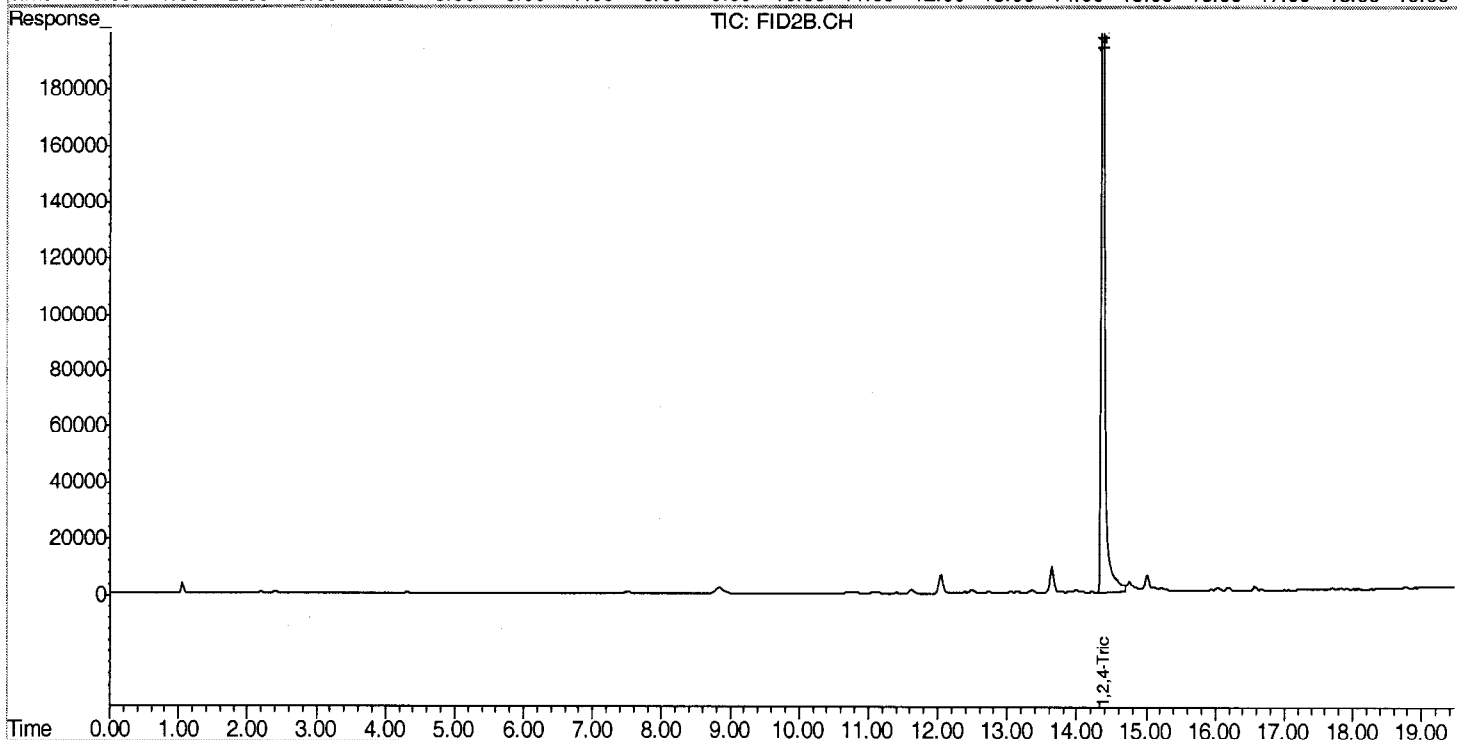
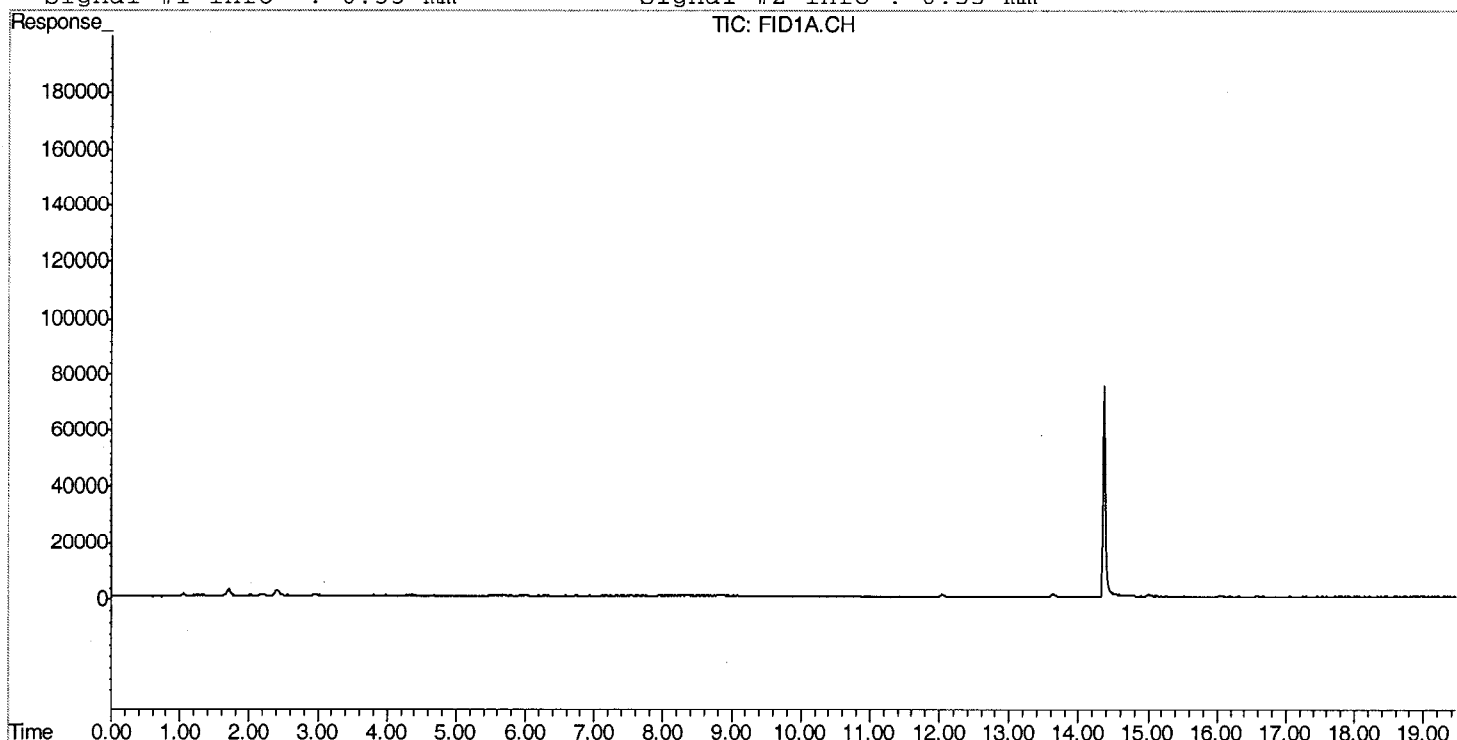
Definitions: LQL - Lower Quantitation Limit
Surr - Surrogate

Signal #1 : Z:\091809\TA2350.D\FID1A.CH Vial: 15
 Signal #2 : Z:\091809\TA2350.D\FID2B.CH
 Acq On : 19 Sep 2009 2:18 am Operator: laurac
 Sample : 09-7516-09A Inst : TVHBTEX2
 Misc : ,SAMP,8021_W,TVH_W,1,|GC244,GTA127,,,,,1 Multiplr: 1.00
 IntFile Signal #1: TVH1.E IntFile Signal #2: FB2.E
 Quant Time: Sep 19 14:08 2009 Quant Results File: TW20901.RES

030

Quant Method : C:\MSDCHEM\1\METHODS\TW20901.M (Chemstation Integrator)
 Title : 8015B/8021B TVH/BTEX
 Last Update : Sat Sep 19 13:46:02 2009
 Response via : Multiple Level Calibration
 DataAcq Meth : TVB2.M

Volume Inj. :
 Signal #1 Phase : DB-624 Signal #2 Phase: DB-624
 Signal #1 Info : 0.53 mm Signal #2 Info : 0.53 mm



Evergreen Analytical, Inc.
 4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
 (303) 425-6021

Client Sample ID: MW26
Client Project ID:
Date Collected: 9/17/2009
Date Received: 9/17/2009

Lab Work Order: 09-7516
Lab Sample ID: 09-7516-10A
Sample Matrix: Water

AROMATIC VOLATILE ORGANICS

Method: SW8021B

Prep Method: SW5030B

Date Prepared: 9/18/2009

Lab File ID: TA2351.D\FID1A.CH

Dilution Factor: 1

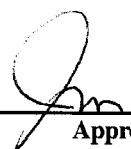
Date Analyzed: 9/19/2009

Method Blank: MB2091809

Analytes	CAS Number	Result	LQL	Units
Benzene	71-43-2	U	1.0	µg/L
Toluene	108-88-3	U	2.0	µg/L
Ethylbenzene	100-41-4	U	2.0	µg/L
m,p-Xylene	1330-20-7	U	2.0	µg/L
o-Xylene	95-47-6	U	2.0	µg/L
Surr: 1,2,4-Trichlorobenzene (S)	120-82-1	116	QC Limits: 60-140	%REC



 Analyst



 Approved

Notes: Total Xylenes consist of three isomers, two of which co-elute. The Xylene RL is for a single peak. Confirmation analysis was not performed.

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
 E - Extrapolated value. Value exceeds calibration range
 H - Sample analysis exceeded analytical holding time
 J - Indicates an estimated value when the compound is detected, but is below the LQL
 S - Spike Recovery outside accepted limits
 U - Compound analyzed for but not detected
 X - See case narrative
 * - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

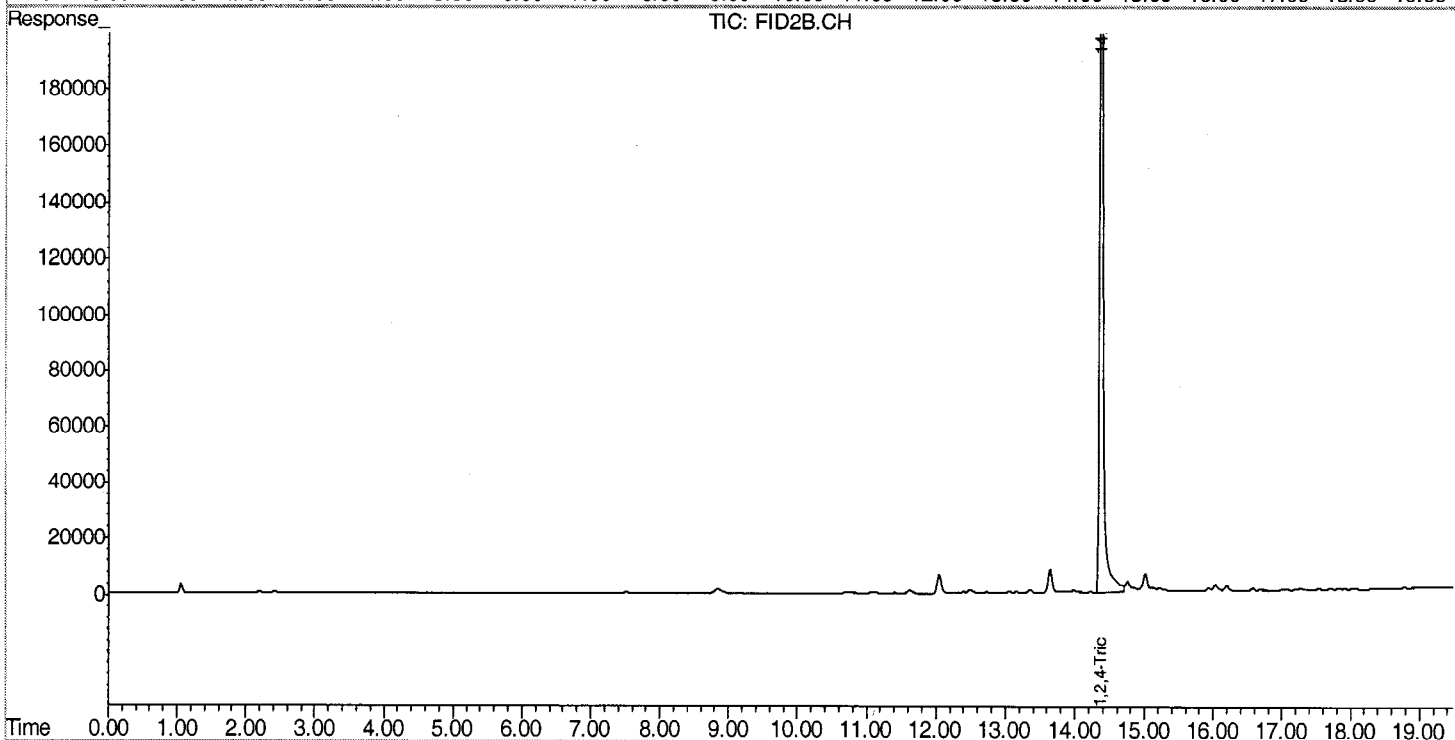
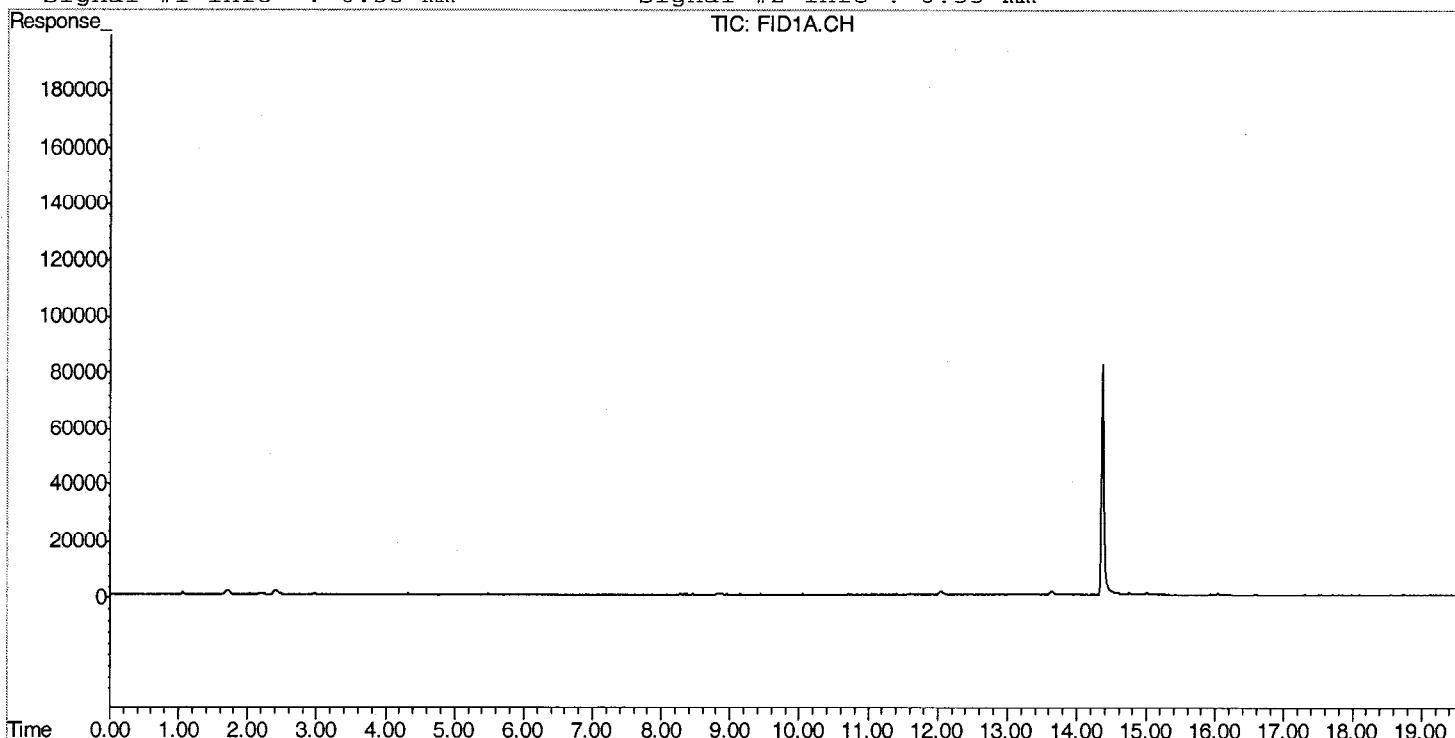
Definitions: LQL - Lower Quantitation Limit
 Surr - Surrogate

Print Date: 9/19/2009

Signal #1 : Z:\091809\TA2351.D\FID1A.CH Vial: 16
 Signal #2 : Z:\091809\TA2351.D\FID2B.CH
 Acq On : 19 Sep 2009 2:53 am Operator: laurac
 Sample : 09-7516-10A Inst : TVHBTEX2
 Misc : ,SAMP,8021_W,TVH_W,1,|GC244,GTA127,,,,,1 Multiplr: 1.00
 IntFile Signal #1: TVH1.E IntFile Signal #2: FB2.E
 Quant Time: Sep 19 14:09 2009 Quant Results File: TW20901.RES

Quant Method : C:\MSDCHEM\1\METHODS\TW20901.M (Chemstation Integrator)
 Title : 8015B/8021B TVH/BTEX
 Last Update : Sat Sep 19 13:46:02 2009
 Response via : Multiple Level Calibration
 DataAcq Meth : TVB2.M

Volume Inj. :
 Signal #1 Phase : DB-624 Signal #2 Phase: DB-624
 Signal #1 Info : 0.53 mm Signal #2 Info : 0.53 mm



Evergreen Analytical, Inc.
 4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
 (303) 425-6021

Client Sample ID: DCS7
Client Project ID:
Date Collected: 9/17/2009
Date Received: 9/17/2009

Lab Work Order: 09-7516
Lab Sample ID: 09-7516-11A
Sample Matrix: Water

AROMATIC VOLATILE ORGANICS

Method: SW8021B

Prep Method: SW5030B

Date Prepared: 9/18/2009

Lab File ID: TA2354.D\FID1A.CH

Dilution Factor: 1


Date Analyzed: 9/19/2009

Method Blank: MB2091809

Analytes	CAS Number	Result	LQL	Units
Benzene	71-43-2	U	1.0	µg/L
Toluene	108-88-3	U	2.0	µg/L
Ethylbenzene	100-41-4	U	2.0	µg/L
m,p-Xylene	1330-20-7	U	2.0	µg/L
o-Xylene	95-47-6	U	2.0	µg/L
Surr: 1,2,4-Trichlorobenzene (S)	120-82-1	108	QC Limits: 60-140	%REC



 Analyst



 Approved

Notes: Total Xylenes consist of three isomers, two of which co-elute. The Xylene RL is for a single peak. Confirmation analysis was not performed.

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
 E - Extrapolated value. Value exceeds calibration range
 H - Sample analysis exceeded analytical holding time
 J - Indicates an estimated value when the compound is detected, but is below the LQL
 S - Spike Recovery outside accepted limits
 U - Compound analyzed for but not detected
 X - See case narrative
 * - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

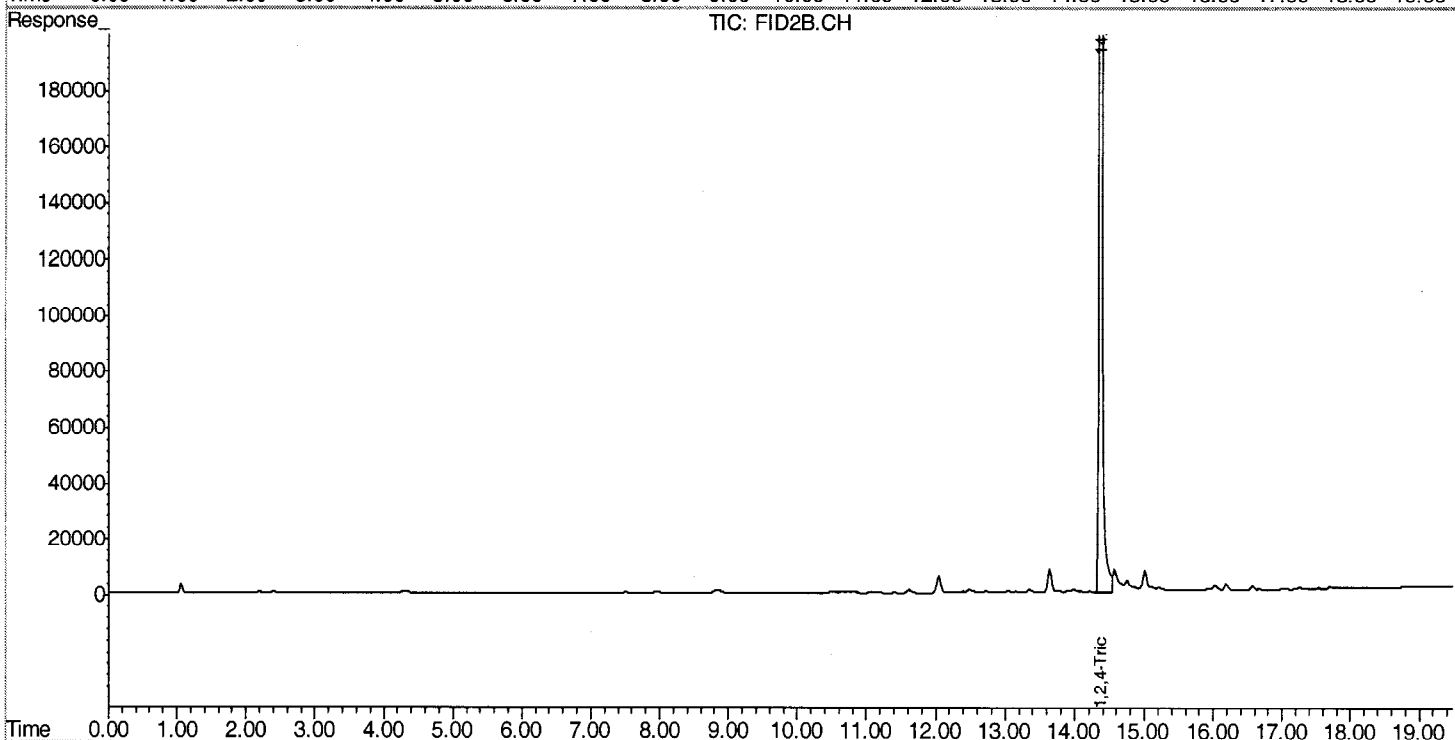
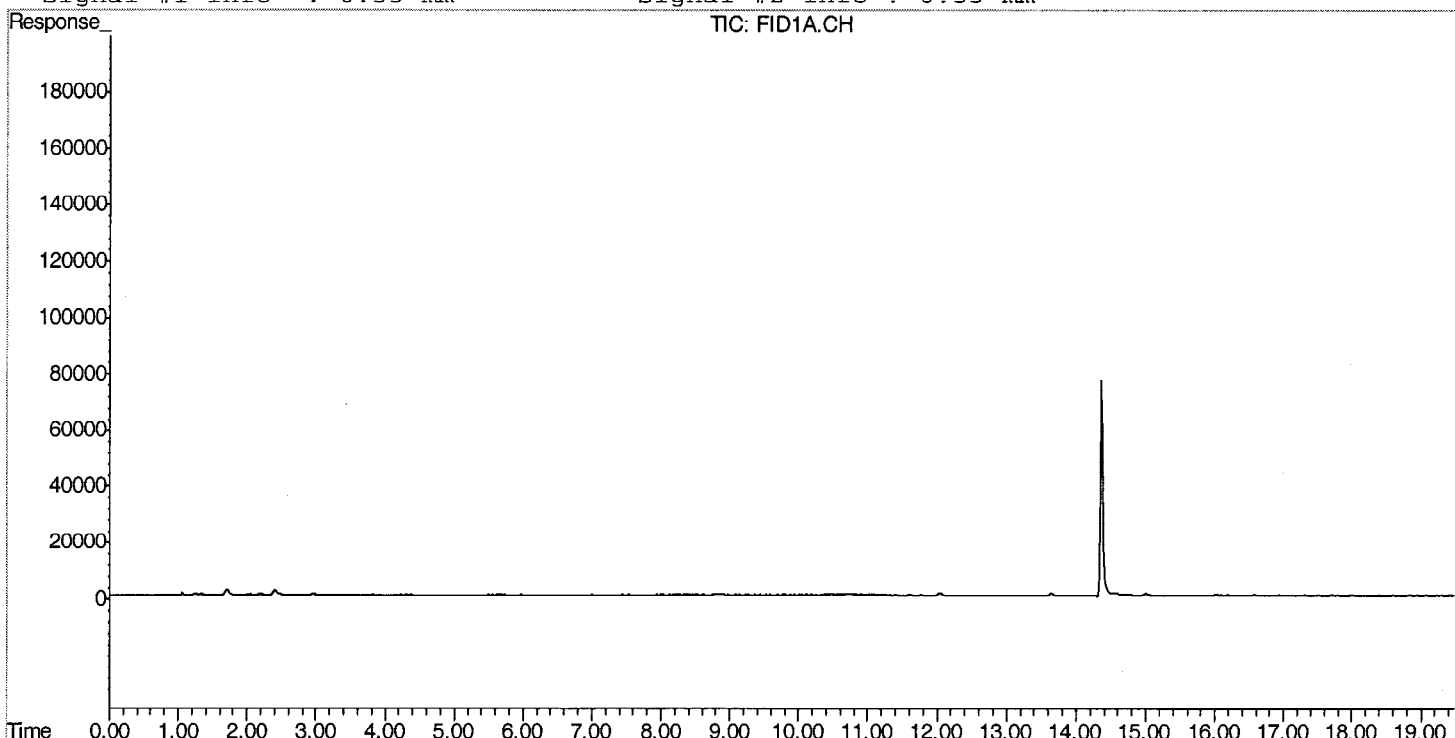
Definitions: LQL - Lower Quantitation Limit
 Surr - Surrogate

Print Date: 9/19/2009

Signal #1 : Z:\091809\TA2354.D\FID1A.CH Vial: 19
 Signal #2 : Z:\091809\TA2354.D\FID2B.CH
 Acq On : 19 Sep 2009 4:39 am Operator: laurac
 Sample : 09-7516-11A Inst : TVHBTEX2
 Misc : ,SAMP,8021_W,TVH_W,1,|GC244,GTA127,,,,,1 Multiplr: 1.00
 IntFile Signal #1: TVH1.E IntFile Signal #2: FB2.E
 Quant Time: Sep 19 14:09 2009 Quant Results File: TW20901.RES

Quant Method : C:\MSDCHEM\1\METHODS\TW20901.M (Chemstation Integrator)
 Title : 8015B/8021B TVH/BTEX
 Last Update : Sat Sep 19 13:46:02 2009
 Response via : Multiple Level Calibration
 DataAcq Meth : TVB2.M

Volume Inj. :
 Signal #1 Phase : DB-624 Signal #2 Phase: DB-624
 Signal #1 Info : 0.53 mm Signal #2 Info : 0.53 mm



Evergreen Analytical, Inc.
 4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
 (303) 425-6021

Client Sample ID: DCS8
Client Project ID:
Date Collected: 9/17/2009
Date Received: 9/17/2009

Lab Work Order: 09-7516
Lab Sample ID: 09-7516-12A
Sample Matrix: Water

AROMATIC VOLATILE ORGANICS

Method: SW8021B

Prep Method: SW5030B

Date Prepared: 9/18/2009

Lab File ID: TA2355.D\FID1A.CH

Dilution Factor: 1

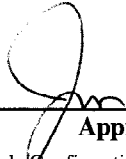
Date Analyzed: 9/19/2009

Method Blank: MB2091809

Analytes	CAS Number	Result	LQL	Units
Benzene	71-43-2	U	1.0	µg/L
Toluene	108-88-3	U	2.0	µg/L
Ethylbenzene	100-41-4	U	2.0	µg/L
m,p-Xylene	1330-20-7	U	2.0	µg/L
o-Xylene	95-47-6	U	2.0	µg/L
Surr: 1,2,4-Trichlorobenzene (S)	120-82-1	109	QC Limits: 60-140	%REC



 Analyst



 Approved

Notes: Total Xylenes consist of three isomers, two of which co-elute. The Xylene RL is for a single peak. Confirmation analysis was not performed.

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
 E - Extrapolated value. Value exceeds calibration range
 H - Sample analysis exceeded analytical holding time
 J - Indicates an estimated value when the compound is detected, but is below the LQL
 S - Spike Recovery outside accepted limits
 U - Compound analyzed for but not detected
 X - See case narrative
 * - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

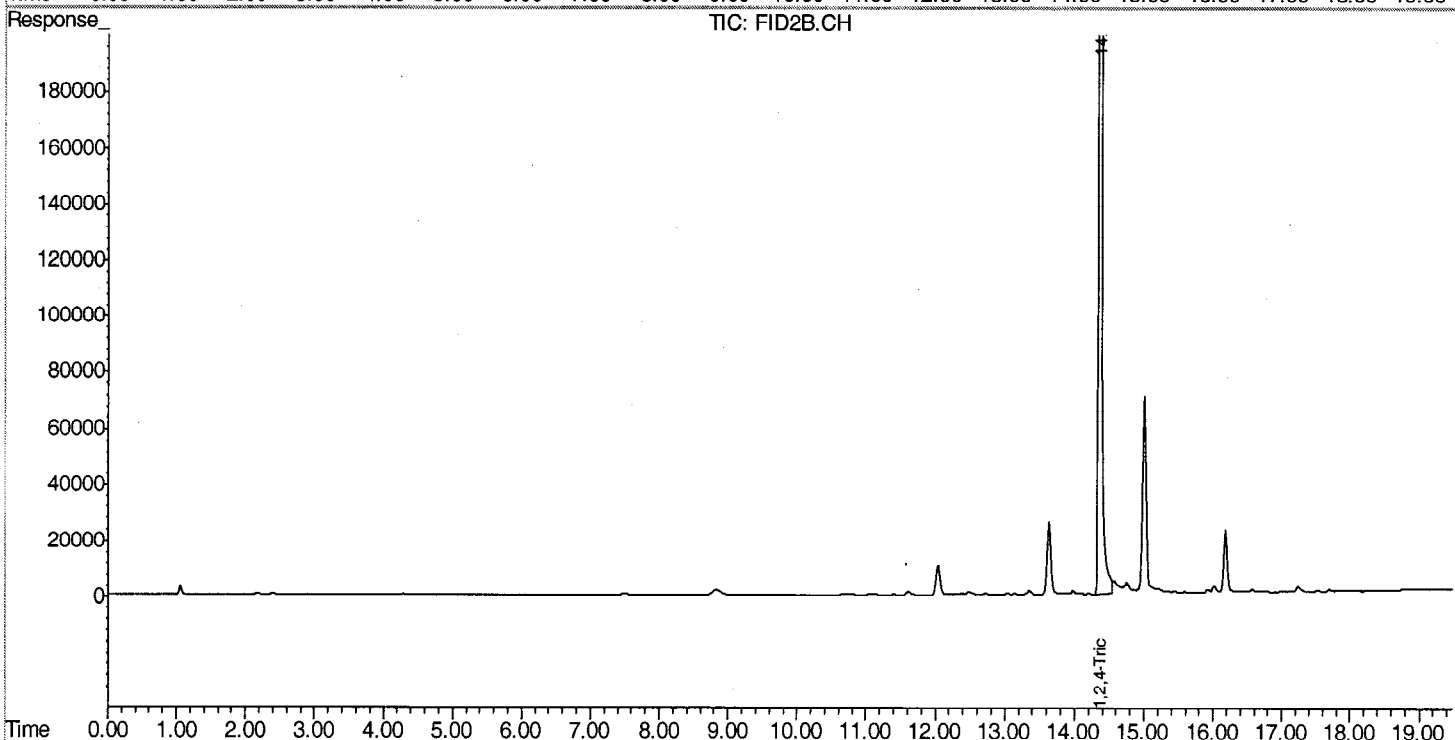
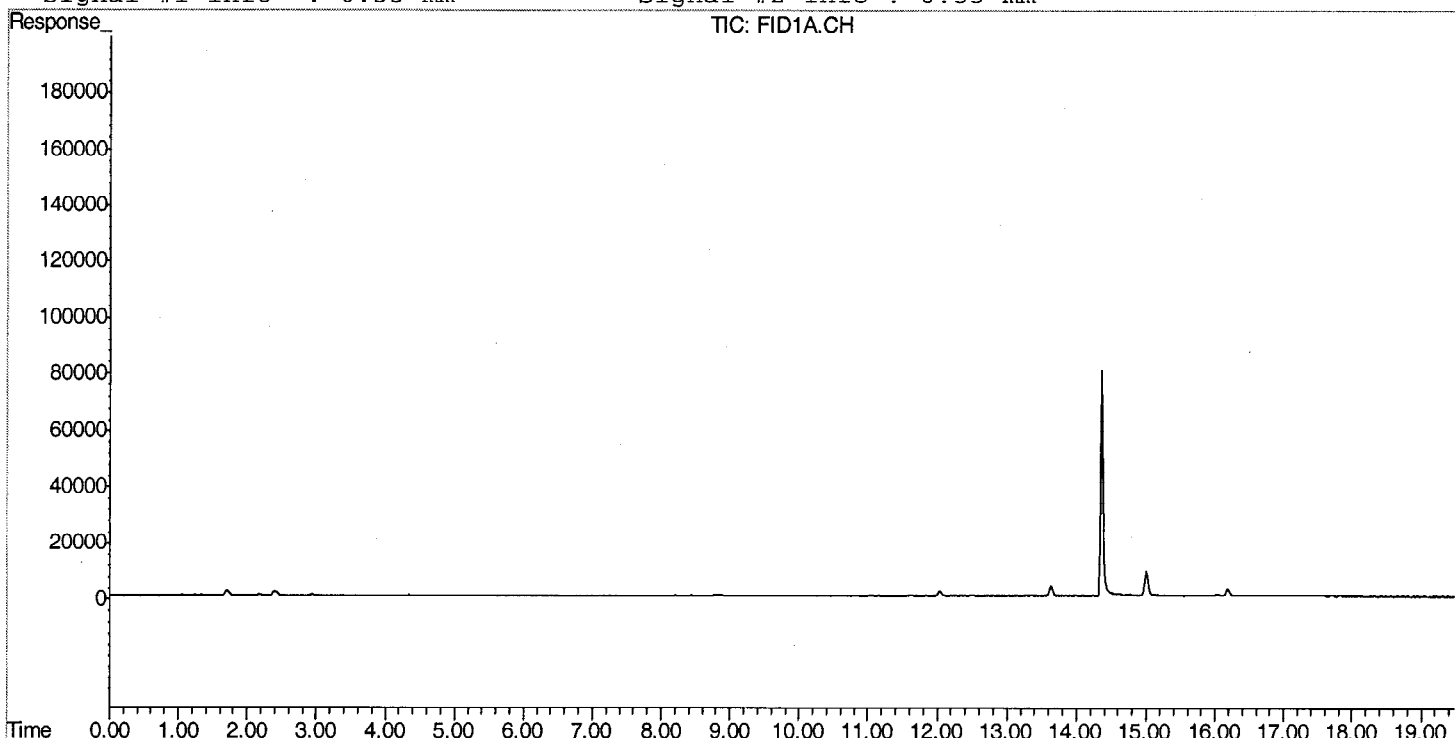
Definitions: LQL - Lower Quantitation Limit
 Surr - Surrogate

Print Date: 9/19/2009

Signal #1 : Z:\091809\TA2355.D\FID1A.CH Vial: 20
 Signal #2 : Z:\091809\TA2355.D\FID2B.CH
 Acq On : 19 Sep 2009 5:14 am Operator: laurac
 Sample : 09-7516-12A Inst : TVHBTEX2
 Misc : ,SAMP,8021_W,TVH_W,1,|GC244,GTA127,,,,,1 Multiplr: 1.00
 IntFile Signal #1: TVH1.E IntFile Signal #2: FB2.E
 Quant Time: Sep 19 14:10 2009 Quant Results File: TW20901.RES

Quant Method : C:\MSDCHEM\1\METHODS\TW20901.M (Chemstation Integrator)
 Title : 8015B/8021B TVH/BTEX
 Last Update : Sat Sep 19 13:46:02 2009
 Response via : Multiple Level Calibration
 DataAcq Meth : TVB2.M

Volume Inj. :
 Signal #1 Phase : DB-624 Signal #2 Phase: DB-624
 Signal #1 Info : 0.53 mm Signal #2 Info : 0.53 mm



Evergreen Analytical, Inc.
 4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
 (303) 425-6021

Client Sample ID: MW24
Client Project ID:
Date Collected: 9/17/2009
Date Received: 9/17/2009

Lab Work Order: 09-7516
Lab Sample ID: 09-7516-13A
Sample Matrix: Water

AROMATIC VOLATILE ORGANICS

Method: SW8021B

Prep Method: SW5030B

Date Prepared: 9/18/2009

Lab File ID: TA2356.D\FID1A.CH

Dilution Factor: 1

Date Analyzed: 9/19/2009

Method Blank: MB2091809

Analytes	CAS Number	Result	LQL	Units
Benzene	71-43-2	U	1.0	µg/L
Toluene	108-88-3	U	2.0	µg/L
Ethylbenzene	100-41-4	U	2.0	µg/L
m,p-Xylene	1330-20-7	U	2.0	µg/L
o-Xylene	95-47-6	U	2.0	µg/L
Surr: 1,2,4-Trichlorobenzene (S)	120-82-1	109	QC Limits: 60-140	%REC



 Analyst



 Approved

Notes: Total Xylenes consist of three isomers, two of which co-elute. The Xylene RL is for a single peak. Confirmation analysis was not performed.

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
 E - Extrapolated value. Value exceeds calibration range
 H - Sample analysis exceeded analytical holding time
 J - Indicates an estimated value when the compound is detected, but is below the LQL
 S - Spike Recovery outside accepted limits
 U - Compound analyzed for but not detected
 X - See case narrative
 * - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

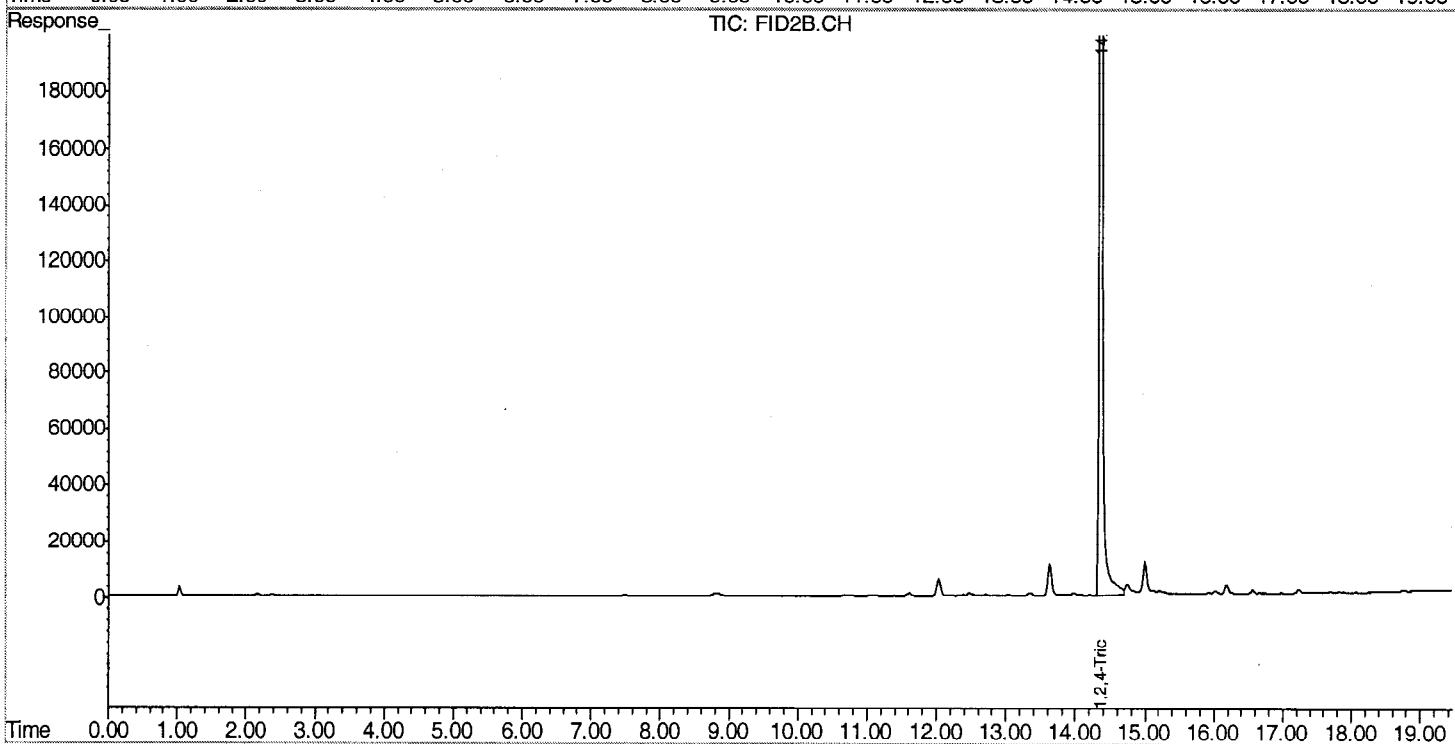
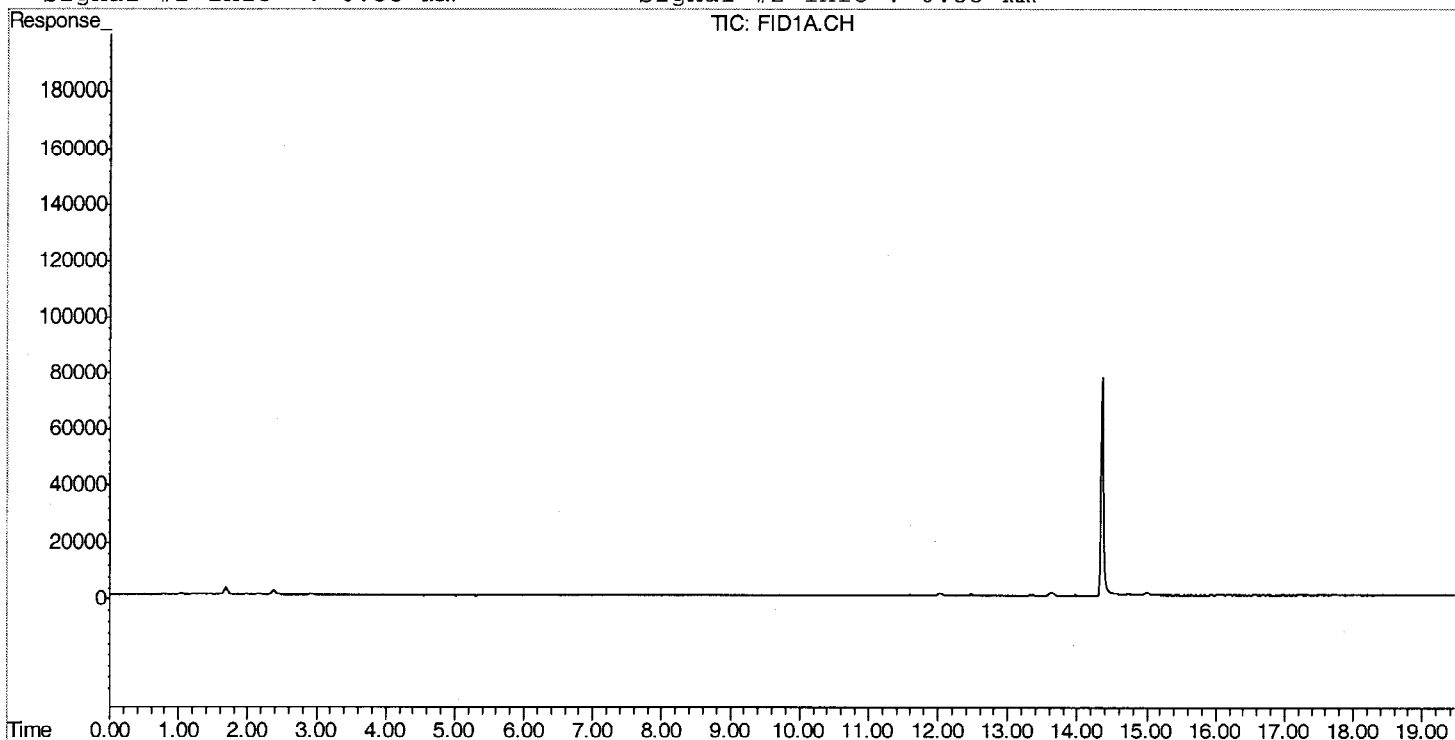
Definitions: LQL - Lower Quantitation Limit
 Surr - Surrogate

Print Date: 9/19/2009

Signal #1 : Z:\091809\TA2356.D\FID1A.CH Vial: 21
 Signal #2 : Z:\091809\TA2356.D\FID2B.CH
 Acq On : 19 Sep 2009 5:49 am Operator: laurac
 Sample : 09-7516-13A Inst : TVHBTEX2
 Misc : ,SAMP,8021_W,TVH_W,1,|GC244,GTA127,,,,,1 Multiplr: 1.00
 IntFile Signal #1: TVH1.E IntFile Signal #2: FB2.E
 Quant Time: Sep 19 14:10 2009 Quant Results File: TW20901.RES

Quant Method : C:\MSDCHEM\1\METHODS\TW20901.M (Chemstation Integrator)
 Title : 8015B/8021B TVH/BTEX
 Last Update : Sat Sep 19 13:46:02 2009
 Response via : Multiple Level Calibration
 DataAcq Meth : TVB2.M

Volume Inj. :
 Signal #1 Phase : DB-624 Signal #2 Phase: DB-624
 Signal #1 Info : 0.53 mm Signal #2 Info : 0.53 mm



Evergreen Analytical, Inc.
 4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
 (303) 425-6021

Client Project ID: _____ Lab Order: 09-7516
 Units: mg/L

RSKSOP-175M Headspace Methane
 Method: RSKSOP175M
 Prep Method: RSKSOP175M

Lab ID	Client ID	Matrix	Date Received	Collection Date	Date Prepared	Date Analyzed	Results	LQL	DF
09-7516-01B	LANGWW	Water	9/18/09	9/17/09	9/22/09	9/22/09	U	0.00080	1
09-7516-02B	MW25	Water	9/17/09	9/17/09	9/22/09	9/22/09	0.11	0.00080	1
09-7516-03B	MW11	Water	9/17/09	9/17/09	9/22/09	9/22/09	0.16	0.00080	1
09-7516-04B	DCS1	Water	9/17/09	9/17/09	9/22/09	9/22/09	0.0015	0.00080	1
09-7516-05B	DCS2	Water	9/18/09	9/17/09	9/22/09	9/22/09	0.0029	0.00080	1
09-7516-06B	DCS3	Water	9/17/09	9/17/09	9/22/09	9/22/09	0.0017	0.00080	1
09-7516-07B	DCS4	Water	9/17/09	9/17/09	9/22/09	9/22/09	0.0042	0.00080	1
09-7516-08B	DCS5	Water	9/17/09	9/17/09	9/22/09	9/22/09	0.0042	0.00080	1
09-7516-09B	DCS6	Water	9/17/09	9/17/09	9/22/09	9/22/09	0.0051	0.00080	1
09-7516-10B	MW26	Water	9/17/09	9/17/09	9/22/09	9/22/09	0.049	0.00080	1
09-7516-11B	DCS7	Water	9/17/09	9/17/09	9/22/09	9/22/09	0.0054	0.00080	1
09-7516-12B	DCS8	Water	9/17/09	9/17/09	9/22/09	9/22/09	0.0038	0.00080	1
09-7516-13B	MW24	Water	9/17/09	9/17/09	9/22/09	9/22/09	0.60	0.00080	1

Comments:

AS

[Signature]

Analyst

Approved

Qualifiers: J - Indicates an estimated value when the compound is detected, but is below the LQL.
 H - Sample analysis exceeded analytical holding time
 U - Compound analyzed for but not detected
 X - See case narrative
 * - Value exceeds Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected. LQL exceeds MCL.

Definitions: DF - Dilution Factor
 LQL - Lower Quantitation Limit

Evergreen Analytical, Inc.
 4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
 (303) 425-6021

Client Project ID: _____ Lab Order: 09-7516
 Units: mg/L

**Anions by IC
 Chloride**

Method: E300.0 Prep Method: E300.0

Lab ID	Client ID	Matrix	Date Received	Collection Date	Date Prepared	Date Analyzed	Results	LQL	DF
09-7516-01C	LANGWW	Water	9/18/09	9/17/09 0830	9/18/09	9/18/09 1304	4.78	0.50	1
09-7516-02C	MW25	Water	9/18/09	9/17/09 0940	9/23/09	9/23/09 1313	18.1	0.50	1
09-7516-03C	MW11	Water	9/18/09	9/17/09 0955	9/23/09	9/23/09 1351	19.7	0.50	1
09-7516-04C	DCS1	Water	9/18/09	9/17/09 1005	9/23/09	9/23/09 1404	19.8	0.50	1
09-7516-05C	DCS2	Water	9/18/09	9/17/09 1010	9/18/09	9/18/09 1317	19.5	0.50	1
09-7516-06C	DCS3	Water	9/18/09	9/17/09 1020	9/23/09	9/23/09 1417	19.7	0.50	1
09-7516-07C	DCS4	Water	9/18/09	9/17/09 1045	9/23/09	9/23/09 1429	19.5	0.50	1
09-7516-08C	DCS5	Water	9/18/09	9/17/09 1105	9/23/09	9/23/09 1442	19.4	0.50	1
09-7516-09C	DCS6	Water	9/18/09	9/17/09 1115	9/23/09	9/23/09 1454	19.0	0.50	1
09-7516-10C	MW26	Water	9/18/09	9/17/09 1145	9/23/09	9/23/09 1507	3.7	0.50	1
09-7516-11C	DCS7	Water	9/18/09	9/17/09 1210	9/23/09	9/23/09 1520	20.1	0.50	1
09-7516-12C	DCS8	Water	9/18/09	9/17/09 1225	9/23/09	9/23/09 1532	20.2	0.50	1
09-7516-13C	MW24	Water	9/18/09	9/17/09 1240	9/23/09	9/23/09 1545	4.7	0.50	1

Comments:


 Analyst


 Approved

Qualifiers: J - Indicates an estimated value when the compound is detected, but is below the LQL
 H - Sample analysis exceeded analytical holding time
 U - Compound analyzed for but not detected
 X - See case narrative
 * - Value exceeds Maximum Contamination Level(MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: DF - Dilution Factor
 LQL - Lower Quantitation Limit

Evergreen Analytical, Inc.
 4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
 (303) 425-6021

Client Project ID _____ Lab Order: 09-7516
 Units: mg/L

Anions by IC
Nitrate-N

Method: E300.0 Prep Method: E300.0

Lab ID	Client ID	Matrix	Date Received	Collection Date	Date Prepared	Date Analyzed	Results	LQL	DF
09-7516-01C	LANGWW	Water	9/18/09	9/17/09 0830	9/18/09	9/18/09 1342	3.0	0.23	5
09-7516-05C	DCS2	Water	9/18/09	9/17/09 1010	9/18/09	9/18/09 1317	U	0.045	1

Comments:


 Analyst


 Approved

Qualifiers: J - Indicates an estimated value when the compound is detected, but is below the LQL

H - Sample analysis exceeded analytical holding time

U - Compound analyzed for but not detected

X - See case narrative

*-Value exceeds Maximum Contamination Level(MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: DF - Dilution Factor
 LQL - Lower Quantitation Limit

Evergreen Analytical, Inc.
 4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
 (303) 425-6021

Client Project ID _____ Lab Order: 09-7516
 Units: mg/L

**Anions by IC
 Nitrite-N**

Method: E300.0 Prep Method: E300.0

Lab ID	Client ID	Matrix	Date Received	Collection Date	Date Prepared	Date Analyzed	Results	LQL	DF
09-7516-01C	LANGWW	Water	9/18/09	9/17/09 0830	9/18/09	9/18/09 1304	U	0.061	1
09-7516-05C	DCCS2	Water	9/18/09	9/17/09 1010	9/18/09	9/18/09 1317	U	0.061	1

Comments:


 Analyst


 Approved

Qualifiers: J - Indicates an estimated value when the compound is detected, but is below the LQL
 H - Sample analysis exceeded analytical holding time
 U - Compound analyzed for but not detected
 X - See case narrative
 *- Value exceeds Maximum Contamination Level(MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: DF - Dilution Factor
 LQL - Lower Quantitation Limit

Evergreen Analytical, Inc.
 4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
 (303) 425-6021

Client Project ID _____ Lab Order: 09-7516
 Units: mg/L

Method: E300.0
 Anions by IC Sulfate

Prep Method: E300.0

Lab ID	Client ID	Matrix	Date Received	Collection Date	Date Prepared	Date Analyzed	Results	LQL	DF
09-7516-01C	LANGWW	Water	9/18/09	9/17/09 0830	9/18/09	9/18/09 1304	24.7	0.50	1
09-7516-05C	DCS2	Water	9/18/09	9/17/09 1010	9/18/09	9/18/09 1355	67.5	2.5	5

Comments:


 Analyst


 Approved

Qualifiers: J - Indicates an estimated value when the compound is detected, but is below the LQL
 H - Sample analysis exceeded analytical holding time
 U - Compound analyzed for but not detected
 X - See case narrative
 *- Value exceeds Maximum Contamination Level(MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: DF - Dilution Factor
 LQL - Lower Quantitation Limit

Evergreen Analytical, Inc.
4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

053

Client Sample ID: LANGWW
Client Project ID:
Date Collected: 9/17/09
Date Received: 9/18/09

Lab Work Order: 09-7516
Lab Sample ID: 09-7516-01
Sample Matrix: Water

DISSOLVED METALS

Method: SW6010B

Prep Method: E200.7/SW3010A

Date Prepared: 9/23/09
Date Analyzed: 9/25/09

Lab File ID: 092509DY
Method Blank: MB-20892

Dilution Factor: 1
Lab Fraction ID: 09-7516-01D

Analytes	CAS Number	Result	LQL	Units
Calcium	7440-70-2	89	0.39	mg/L
Magnesium	7439-95-4	28	0.15	mg/L
Potassium	7440-09-7	2.6	0.34	mg/L
Sodium	7440-23-5	27	0.40	mg/L



Analyst



Approved

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
E - Extrapolated value. Value exceeds calibration range
H - Sample analysis exceeded analytical holding time
J - Indicates an estimated value when the compound is detected, but is below the LQL
S - Spike Recovery outside accepted limits
U - Compound analyzed for but not detected
X - See case narrative
* - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: NA - Not Applicable
LQL - Lower Quantitation Limit
Surr - Surrogate

Print Date: 10/1/2009

Evergreen Analytical, Inc.

4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client Sample ID: MW25
Client Project ID:
Date Collected: 9/17/09
Date Received: 9/18/09

Lab Work Order: 09-7516
Lab Sample ID: 09-7516-02
Sample Matrix: Water

DISSOLVED METALS

Method: SW6010B

Prep Method: E200.7/SW3010A

Date Prepared: 9/23/09
Date Analyzed: 9/25/09

Lab File ID: 092509DY
Method Blank: MB-20892

Dilution Factor: 1
Lab Fraction ID: 09-7516-02D

Analytes	CAS Number	Result	LQL	Units
Sodium	7440-23-5	37	0.40	mg/L



Analyst



Approved

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
E - Extrapolated value. Value exceeds calibration range
H - Sample analysis exceeded analytical holding time
J - Indicates an estimated value when the compound is detected, but is below the LQL
S - Spike Recovery outside accepted limits
U - Compound analyzed for but not detected
X - See case narrative
* - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: NA - Not Applicable
LQL - Lower Quantitation Limit
Surr - Surrogate

Print Date: 10/1/2009

Evergreen Analytical, Inc.

4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client Sample ID: MW11
Client Project ID:
Date Collected: 9/17/09
Date Received: 9/18/09

Lab Work Order: 09-7516
Lab Sample ID: 09-7516-03
Sample Matrix: Water

DISSOLVED METALS

Method: SW6010B

Prep Method: E200.7/SW3010A

Date Prepared: 9/23/09

Lab File ID: 092509DY

Dilution Factor: 1

Date Analyzed: 9/25/09


Method Blank: MB-20892

Lab Fraction ID: 09-7516-03D

Analytes	CAS Number	Result	LQL	Units
Sodium	7440-23-5	40	0.40	mg/L



Analyst



Approved

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
E - Extrapolated value. Value exceeds calibration range
H - Sample analysis exceeded analytical holding time
J - Indicates an estimated value when the compound is detected, but is below the LQL
S - Spike Recovery outside accepted limits
U - Compound analyzed for but not detected
X - See case narrative
* - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: NA - Not Applicable
LQL - Lower Quantitation Limit
Surr - Surrogate

Print Date: 10/1/2009

Evergreen Analytical, Inc.

4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client Sample ID: DCS1
Client Project ID:
Date Collected: 9/17/09
Date Received: 9/18/09

Lab Work Order: 09-7516
Lab Sample ID: 09-7516-04
Sample Matrix: Water

DISSOLVED METALS

Method: SW6010B

Prep Method: E200.7/SW3010A

Date Prepared: 9/23/09
Date Analyzed: 9/25/09

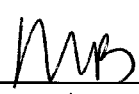
Lab File ID: 092509DY
Method Blank: MB-20892

Dilution Factor: 1
Lab Fraction ID: 09-7516-04D

Analytes	CAS Number	Result	LQL	Units
Sodium	7440-23-5	99	0.40	mg/L



Analyst



Approved

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
 E - Extrapolated value. Value exceeds calibration range
 H - Sample analysis exceeded analytical holding time
 J - Indicates an estimated value when the compound is detected, but is below the LQL
 S - Spike Recovery outside accepted limits
 U - Compound analyzed for but not detected
 X - See case narrative
 * - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: NA - Not Applicable
 LQL - Lower Quantitation Limit
 Surr - Surrogate

Evergreen Analytical, Inc.

4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client Sample ID: DCS2
Client Project ID:
Date Collected: 9/17/09
Date Received: 9/18/09

Lab Work Order: 09-7516
Lab Sample ID: 09-7516-05
Sample Matrix: Water

DISSOLVED METALS

Method: SW6010B

Prep Method: E200.7/SW3010A

Date Prepared: 9/23/09
Date Analyzed: 9/25/09

Lab File ID: 092509DY
Method Blank: MB-20892

Dilution Factor: 1
Lab Fraction ID: 09-7516-05D

Analytes	CAS Number	Result	LQL	Units
Calcium	7440-70-2	60	0.39	mg/L
Magnesium	7439-95-4	37	0.15	mg/L
Potassium	7440-09-7	3.9	0.34	mg/L
Sodium	7440-23-5	99	0.40	mg/L

Analyst

Approved

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
 E - Extrapolated value. Value exceeds calibration range
 H - Sample analysis exceeded analytical holding time
 J - Indicates an estimated value when the compound is detected, but is below the LQL
 S - Spike Recovery outside accepted limits
 U - Compound analyzed for but not detected
 X - See case narrative
 * - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: NA - Not Applicable
 LQL - Lower Quantitation Limit
 Surr - Surrogate

Evergreen Analytical, Inc.

4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client Sample ID: DCS3
Client Project ID:
Date Collected: 9/17/09
Date Received: 9/18/09

Lab Work Order: 09-7516
Lab Sample ID: 09-7516-06
Sample Matrix: Water

DISSOLVED METALS

Method: SW6010B

Prep Method: E200.7/SW3010A

Date Prepared: 9/23/09
Date Analyzed: 9/25/09

Lab File ID: 092509DY
Method Blank: MB-20892

Dilution Factor: 1
Lab Fraction ID: 09-7516-06D

Analytes	CAS Number	Result	LQL	Units
Sodium	7440-23-5	100	0.40	mg/L



Analyst



Approved

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
E - Extrapolated value. Value exceeds calibration range
H - Sample analysis exceeded analytical holding time
J - Indicates an estimated value when the compound is detected, but is below the LQL
S - Spike Recovery outside accepted limits
U - Compound analyzed for but not detected
X - See case narrative
* - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: NA - Not Applicable
LQL - Lower Quantitation Limit
Surr - Surrogate

Evergreen Analytical, Inc.

4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client Sample ID: DCS4
Client Project ID:
Date Collected: 9/17/09
Date Received: 9/18/09

Lab Work Order: 09-7516
Lab Sample ID: 09-7516-07
Sample Matrix: Water

DISSOLVED METALS

Method: SW6010B

Prep Method: E200.7/SW3010A

Date Prepared: 9/23/09
Date Analyzed: 9/25/09

Lab File ID: 092509DY
Method Blank: MB-20892

Dilution Factor: 1
Lab Fraction ID: 09-7516-07D

Analytes	CAS Number	Result	LQL	Units
Sodium	7440-23-5	98	0.40	mg/L

Analyst

Approved

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
 E - Extrapolated value. Value exceeds calibration range
 H - Sample analysis exceeded analytical holding time
 J - Indicates an estimated value when the compound is detected, but is below the LQL
 S - Spike Recovery outside accepted limits
 U - Compound analyzed for but not detected
 X - See case narrative
 * - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: NA - Not Applicable
 LQL - Lower Quantitation Limit
 Surr - Surrogate

Evergreen Analytical, Inc.

4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client Sample ID: DCS5
Client Project ID:
Date Collected: 9/17/09
Date Received: 9/18/09

Lab Work Order: 09-7516
Lab Sample ID: 09-7516-08
Sample Matrix: Water

DISSOLVED METALS

Method: SW6010B

Prep Method: E200.7/SW3010A

Date Prepared: 9/23/09
Date Analyzed: 9/25/09

Lab File ID: 092509DY
Method Blank: MB-20892

Dilution Factor: 1
Lab Fraction ID: 09-7516-08D

Analytes	CAS Number	Result	LQL	Units
Sodium	7440-23-5	97	0.40	mg/L



Analyst



Approved

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
E - Extrapolated value. Value exceeds calibration range
H - Sample analysis exceeded analytical holding time
J - Indicates an estimated value when the compound is detected, but is below the LQL
S - Spike Recovery outside accepted limits
U - Compound analyzed for but not detected
X - See case narrative
* - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: NA - Not Applicable
LQL - Lower Quantitation Limit
Surr - Surrogate

Evergreen Analytical, Inc.
4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

061

Client Sample ID: DCS6
Client Project ID:
Date Collected: 9/17/09
Date Received: 9/18/09

Lab Work Order: 09-7516
Lab Sample ID: 09-7516-09
Sample Matrix: Water

DISSOLVED METALS

Method: SW6010B

Prep Method: E200.7/SW3010A

Date Prepared: 9/23/09
Date Analyzed: 9/25/09

Lab File ID: 092509DY
Method Blank: MB-20892

Dilution Factor: 1
Lab Fraction ID: 09-7516-09D

Analytes	CAS Number	Result	LQL	Units
Sodium	7440-23-5	96	0.40	mg/L



Analyst



Approved

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
E - Extrapolated value. Value exceeds calibration range
H - Sample analysis exceeded analytical holding time
J - Indicates an estimated value when the compound is detected, but is below the LQL
S - Spike Recovery outside accepted limits
U - Compound analyzed for but not detected
X - See case narrative
* - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: NA - Not Applicable
LQL - Lower Quantitation Limit
Surr - Surrogate

Print Date: 10/1/2009

Evergreen Analytical, Inc.

4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client Sample ID: MW26
Client Project ID:
Date Collected: 9/17/09
Date Received: 9/18/09

Lab Work Order: 09-7516
Lab Sample ID: 09-7516-10
Sample Matrix: Water

DISSOLVED METALS

Method: SW6010B

Prep Method: E200.7/SW3010A

Date Prepared: 9/23/09
Date Analyzed: 9/25/09

Lab File ID: 092509DY
Method Blank: MB-20892

Dilution Factor: 1
Lab Fraction ID: 09-7516-10D

Analytes	CAS Number	Result	LQL	Units
Sodium	7440-23-5	53	0.40	mg/L



Analyst



Approved

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
E - Extrapolated value. Value exceeds calibration range
H - Sample analysis exceeded analytical holding time
J - Indicates an estimated value when the compound is detected, but is below the LQL
S - Spike Recovery outside accepted limits
U - Compound analyzed for but not detected
X - See case narrative
* - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: NA - Not Applicable
LQL - Lower Quantitation Limit
Surr - Surrogate

Print Date: 10/1/2009

063

Evergreen Analytical, Inc.
4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client Sample ID: DCS7
Client Project ID:
Date Collected: 9/17/09
Date Received: 9/18/09

Lab Work Order: 09-7516
Lab Sample ID: 09-7516-11
Sample Matrix: Water

DISSOLVED METALS

Method: SW6010B

Prep Method: E200.7/SW3010A

Date Prepared: 9/23/09
Date Analyzed: 9/25/09

Lab File ID: 092509DY
Method Blank: MB-20892

Dilution Factor: 1
Lab Fraction ID: 09-7516-11D

Analytes	CAS Number	Result	LQL	Units
Sodium	7440-23-5	96	0.40	mg/L



Analyst



Approved

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
E - Extrapolated value. Value exceeds calibration range
H - Sample analysis exceeded analytical holding time
J - Indicates an estimated value when the compound is detected, but is below the LQL
S - Spike Recovery outside accepted limits
U - Compound analyzed for but not detected
X - See case narrative
* - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: NA - Not Applicable
LQL - Lower Quantitation Limit
Surr - Surrogate

Print Date: 10/1/2009

Evergreen Analytical, Inc.

4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client Sample ID: DCS8
Client Project ID:
Date Collected: 9/17/09
Date Received: 9/18/09

Lab Work Order: 09-7516
Lab Sample ID: 09-7516-12
Sample Matrix: Water

DISSOLVED METALS

Method: SW6010B

Prep Method: E200.7/SW3010A

Date Prepared: 9/23/09
Date Analyzed: 9/25/09

Lab File ID: 092509DY
Method Blank: MB-20892

Dilution Factor: 1
Lab Fraction ID: 09-7516-12D

Analytes	CAS Number	Result	LQL	Units
Sodium	7440-23-5	96	0.40	mg/L



Analyst



Approved

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
E - Extrapolated value. Value exceeds calibration range
H - Sample analysis exceeded analytical holding time
J - Indicates an estimated value when the compound is detected, but is below the LQL
S - Spike Recovery outside accepted limits
U - Compound analyzed for but not detected
X - See case narrative
* - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: NA - Not Applicable
LQL - Lower Quantitation Limit
Surr - Surrogate

Print Date: 10/1/2009

Evergreen Analytical, Inc.

4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

065

Client Sample ID: MW24
Client Project ID:
Date Collected: 9/17/09
Date Received: 9/18/09

Lab Work Order: 09-7516
Lab Sample ID: 09-7516-13
Sample Matrix: Water

DISSOLVED METALS

Method: SW6010B


Prep Method: E200.7/SW3010A

Date Prepared: 9/23/09
Date Analyzed: 9/25/09

Lab File ID: 092509DY
Method Blank: MB-20892

Dilution Factor: 1
Lab Fraction ID: 09-7516-13D

Analytes	CAS Number	Result	LQL	Units
Sodium	7440-23-5	98	0.40	mg/L



Analyst



Approved

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
E - Extrapolated value. Value exceeds calibration range
H - Sample analysis exceeded analytical holding time
J - Indicates an estimated value when the compound is detected, but is below the LQL
S - Spike Recovery outside accepted limits
U - Compound analyzed for but not detected
X - See case narrative
* - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: NA - Not Applicable
LQL - Lower Quantitation Limit
Surr - Surrogate

Evergreen Analytical, Inc.
4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

066

Client Sample ID: LANGWW
Client Project ID:
Date Collected: 9/17/09
Date Received: 9/18/09

Lab Work Order: 09-7516
Lab Sample ID: 09-7516-01
Sample Matrix: Water

ALKALINITY

Method: SM2320B

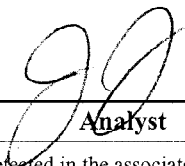
Prep Method:

Date Prepared: 9/21/09
Date Analyzed: 9/21/09

Lab File ID: 5
Method Blank: MBLK 09/21/09

Dilution Factor: 1
Lab Fraction ID: 09-7516-01E

Analytes	CAS Number	Result	LQL	Units
Total Alkalinity		391	5.0	mg/L CaCO3
Bicarbonate		391	5.0	mg/L CaCO3
Carbonate		U	5.0	mg/L CaCO3



Analyst



Approved

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
E - Extrapolated value. Value exceeds calibration range
H - Sample analysis exceeded analytical holding time
J - Indicates an estimated value when the compound is detected, but is below the LQL
S - Spike Recovery outside accepted limits
U - Compound analyzed for but not detected
X - See case narrative
* - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: NA - Not Applicable
LQL - Lower Quantitation Limit
Surr - Surrogate

Print Date: 9/21/2009

067

Evergreen Analytical, Inc.
4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client Sample ID: DCS2
Client Project ID:
Date Collected: 9/17/09
Date Received: 9/18/09

Lab Work Order 09-7516
Lab Sample ID: 09-7516-05
Sample Matrix: Water

ALKALINITY

Method: SM2320B

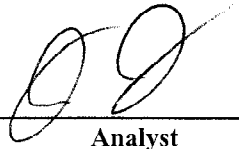
Prep Method:

Date Prepared: 9/21/09
Date Analyzed: 9/21/09

Lab File ID: 6
Method Blank: MBLK 09/21/09

Dilution Factor: 1
Lab Fraction ID: 09-7516-05E

Analytes	CAS Number	Result	LQL	Units
Total Alkalinity		325	5.0	mg/L CaCO ₃
Bicarbonate		325	5.0	mg/L CaCO ₃
Carbonate		U	5.0	mg/L CaCO ₃



Analyst



Approved

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
E - Extrapolated value. Value exceeds calibration range
H - Sample analysis exceeded analytical holding time
J - Indicates an estimated value when the compound is detected, but is below the LQL
S - Spike Recovery outside accepted limits
U - Compound analyzed for but not detected
X - See case narrative
* - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: NA - Not Applicable
LQL - Lower Quantitation Limit
Surr - Surrogate

Print Date: 9/21/2009

QUALITY ASSURANCE REPORTS

METHOD BLANKS (MB)

LABORATORY CONTROL SPIKES (LCS)

MATRIX SPIKES (MS/MSD)*

DUPLICATES (DUP)*

• For Metals or Wet Chemistry analyses: only included if requested.

Evergreen Analytical, Inc.

Date: 19-Sep-09

Work Order: 09-7516

Client Project ID:

ANALYTICAL QC SUMMARY REPORT

TestCode: 8021_W

Sample ID: MS2091809	SampType: MBLK	TestCode: 8021_W	Run ID: TVHBTX2_090918A	Prep Date: 9/18/2009	Units: µg/L
Batch ID: R50101	TestNo: SW8021B	FileID: TA2338.D\FID1A.CH	Analysis Date: 9/18/2009	SeqNo: 912247	
Analyte	Result	LQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Benzene	U	1.0			
Toluene	U	2.0			
Ethylbenzene	U	2.0			
m,p-Xylene	U	2.0			
o-Xylene	U	2.0			
Surr: 1,2,4-Trichlorobenzene (S)	111.5	0	100	0	112 60 140 0 0

Sample ID: LCS2091809	SampType: LCS	TestCode: 8021_W	Run ID: TVHBTX2_090918A	Prep Date: 9/18/2009	Units: µg/L
Batch ID: R50101	TestNo: SW8021B	FileID: TA2339.D\FID1A.CH	Analysis Date: 9/18/2009	SeqNo: 912248	
Analyte	Result	LQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Benzene	28.04	1.0	27.2	0	103 70 130 0 0
Toluene	195.3	2.0	211.6	0	92.3 70 130 0 0
Ethylbenzene	44.49	2.0	45.6	0	97.6 70 130 0 0
m,p-Xylene	147.3	2.0	150	0	98.2 70 130 0 0
o-Xylene	65.54	2.0	65.9	0	99.4 70 130 0 0
Surr: 1,2,4-Trichlorobenzene (S)	127.8	0	100	0	128 60 140 0 0

Sample ID: 09-7516-01AMS	SampType: MS	TestCode: 8021_W	Run ID: TVHBTX2_090918A	Prep Date: 9/18/2009	Units: µg/L
Client ID: LANGWW	Batch ID: R50101	TestNo: SW8021B	FileID: TA2341.D\FID1A.CH	Analysis Date: 9/18/2009	SeqNo: 912250
Analyte	Result	LQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Benzene	28.24	1.0	27.2	0	104 70 130 0 0
Toluene	197.2	2.0	211.6	0	93.2 70 130 0 0
Ethylbenzene	44.95	2.0	45.6	0	98.6 62 130 0 0
m,p-Xylene	148.8	2.0	150	0	99.2 70 134 0 0
o-Xylene	66.25	2.0	65.9	0	101 63 130 0 0
Surr: 1,2,4-Trichlorobenzene (S)	129.4	0	100	0	129 60 140 0 0

Qualifiers:

U - Not detected at or above the Reporting Limit
 I - Analyte detected below quantitation limits
 S - Spike Recovery outside acceptance limits
 E - Extrapolated value, value exceeds calibration range.

R - RPD outside acceptance limits
 B - Analyte detected in the associated Method Blank
 H - Prep or analytical holding time exceeded
 X - See case narrative

Work Order: 09-7516
 Client Project ID:

ANALYTICAL QC SUMMARY REPORT

TestCode: 8021_W

Sample ID: 09-7516-01A MSD	Sample Type: MSD	TestCode: 8021_W	Run ID: TVHBTX2_090918A	Prep Date: 9/18/2009	Units: µg/L						
Client ID: LANGWW	Batch ID: R50101	TestNo: SW 8021B	FileID: TA2342.D\FID1A.CH	Analysis Date: 9/18/2009	SeqNo: 912251						
Analyte	Result	LQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Benzene	28.13	1.0	27.2	0	103	70	130	28.24	0.376	30	
Toluene	196.6	2.0	211.6	0	92.9	70	130	197.2	0.273	30	
Ethylbenzene	44.72	2.0	45.6	0	98.1	62	130	44.95	0.515	30	
m,p-Xylene	147.6	2.0	150	0	98.4	70	134	148.8	0.867	30	
o-Xylene	66.02	2.0	65.9	0	100	63	130	66.25	0.349	30	
Surr: 1,2,4-Trichlorobenzene (S)	132.9	0	100	0	133	60	140	0	0	0	

Qualifiers:

- U - Not detected at or above the Reporting Limit
- J - Analyte detected below quantitation limits
- S - Spike Recovery outside acceptance limits
- E - Extrapolated value, value exceeds calibration range.
- R - RPD outside acceptance limits
- B - Analyte detected in the associated Method Blank
- H - Prep or analytical holding time exceeded
- X - See case narrative

Evergreen Analytical, Inc.

Date: 22-Sep-09

Work Order: 09-7516
Client Project ID:

ANALYTICAL QC SUMMARY REPORT

TestCode: MEEP_W

Sample ID: GB092209	Sample Type: MBLK	TestCode: MEEP_W	Run ID: ALCGAS_090922A	Prep Date: 09/22/09	Units: mg/L
Batch ID: GAS092209	TestNo: RSKSOP175	FileID: FB552	Analysis Date: 09/22/09	SeqNo: 913386	
Analyte	Result	LQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Methane		U	0.00080		

Sample ID: LCS092209	Sample Type: LCS	TestCode: MEEP_W	Run ID: ALCGAS_090922A	Prep Date: 09/22/09	Units: mg/L
Batch ID: GAS092209	TestNo: RSKSOP175	FileID: FB553	Analysis Date: 09/22/09	SeqNo: 913387	
Analyte	Result	LQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Methane			0.5939	0	117 70 130 0 0

Sample ID: LCS092209	Sample Type: LCS	TestCode: MEEP_W	Run ID: ALCGAS_090922A	Prep Date: 09/22/09	Units: mg/L
Batch ID: GAS092209	TestNo: RSKSOP175	FileID: FB554	Analysis Date: 09/22/09	SeqNo: 913388	
Analyte	Result	LQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Methane			0.593	0	116 70 130 0.5939 0.152 30

Sample ID: 09-7520-01GMS	Sample Type: MS	TestCode: MEEP_W	Run ID: ALCGAS_090922A	Prep Date: 09/22/09	Units: mg/L
Batch ID: GAS092209	TestNo: RSKSOP175	FileID: FB567	Analysis Date: 09/22/09	SeqNo: 913382	
Analyte	Result	LQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Methane			4.345	0.0080	0.5094 5.85 -295 70 130 0 0 S

Sample ID: 09-7520-01GMSD	Sample Type: MSD	TestCode: MEEP_W	Run ID: ALCGAS_090922A	Prep Date: 09/22/09	Units: mg/L
Batch ID: GAS092209	TestNo: RSKSOP175	FileID: FB568	Analysis Date: 09/22/09	SeqNo: 913383	
Analyte	Result	LQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Methane			4.477	0.0080	0.5094 5.85 -270 70 130 4.345 2.98 30 S

Qualifiers:
 U - Not detected at or above the Reporting Limit
 J - Analyte detected below quantitation limits
 S - Spike Recovery outside acceptance limits
 E - Extrapolated value, value exceeds calibration range.
 R - RPD outside acceptance limits
 B - Analyte detected in the associated Method Blank
 H - Prep or analytical holding time exceeded
 X - See case narrative

Work Order: 09-7516
Client Project ID:

ANALYTICAL QC SUMMARY REPORT

TestNo: E300.0

Sample ID: MB 09/18/09	SampType: MBLK	TestCode: ANIONS_NON	Run ID: IC-DX120_090918A	Prep Date: 9/18/09	Units: mg/L
Batch ID: R50192	TestNo: E300.0	FileID:	Analysis Date: 9/18/09	SeqNo: 914499	
Analyte	Result	LQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chloride	U	0.50			
Nitrite-N	U	0.061			
Nitrate-N	U	0.045			
Sulfate	U	0.50			

Sample ID: MB 09/23/09	SampType: MBLK	TestCode: ANIONS_NON	Run ID: IC-DX120_090923A	Prep Date: 9/23/09	Units: mg/L
Batch ID: R50249	TestNo: E300.0	FileID:	Analysis Date: 9/23/09	SeqNo: 915833	
Analyte	Result	LQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chloride	U	0.50			
----------	---	------	--	--	--

Sample ID: LCS ALLT218099	SampType: LCS	TestCode: ANIONS_NON	Run ID: IC-DX120_090918A	Prep Date: 9/18/09	Units: mg/L
Batch ID: R50192	TestNo: E300.0	FileID:	Analysis Date: 9/18/09	SeqNo: 914498	
Analyte	Result	LQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chloride	18.41	2.5	20	0	92.1	90	110	0	0
Nitrite-N	5.764	0.31	6.09	0	94.7	90	110	0	0
Nitrate-N	4.245	0.23	4.518	0	93.9	90	110	0	0
Sulfate	28.03	2.5	30	0	93.4	90	110	0	0

Sample ID: LCS ALLT218099	SampType: LCS	TestCode: ANIONS_NON	Run ID: IC-DX120_090923A	Prep Date: 9/23/09	Units: mg/L
Batch ID: R50249	TestNo: E300.0	FileID:	Analysis Date: 9/23/09	SeqNo: 915832	
Analyte	Result	LQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chloride	18.96	2.5	20	0	94.3	90	110	0	0
----------	-------	-----	----	---	------	----	-----	---	---

Qualifiers:
 U - Not detected at or above the Reporting Limit
 J - Analyte detected below quantitation limits
 S - Spike Recovery outside acceptance limits
 E - Extrapolated value, value exceeds calibration range
 R - RPD outside acceptance limits
 B - Analyte detected in the associated Method Blank
 H - Prep or analytical holding time exceeded
 X - See case narrative

Work Order: 09-7516
Client Project ID:

ANALYTICAL QC SUMMARY REPORT

BatchID: 20892

Sample ID: MB-20892	SampType: MBLK	TestCode: 200.7_D	Run ID: ICP-OPTIMA 5300 DV_090925A	Prep Date: 9/23/2009	Units: mg/L						
Batch ID: 20892	TestNo: E200.7, Rev.	FileID: 092509DY	Analysis Date: 9/25/2009	SeqNo: 916012							
Analyte	Result	LQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Calcium	0	0.387									
Magnesium	0	0.150									
Potassium	0	0.340									
Sodium	0	0.400									

Sample ID: LCS-20892	SampType: LCS	TestCode: 200.7_D	Run ID: ICP-OPTIMA 5300 DV_090925A	Prep Date: 9/23/2009	Units: mg/L						
Batch ID: 20892	TestNo: E200.7, Rev.	FileID: 092509DY	Analysis Date: 9/25/2009	SeqNo: 916013							
Analyte	Result	LQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Calcium	10.41	0.387	10	0	104	85	115	0	0		
Magnesium	10.43	0.150	10	0	104	85	115	0	0		
Potassium	10.46	0.340	10	0	105	85	115	0	0		
Sodium	10.38	0.400	10	0	104	85	115	0	0		

Sample ID: 09-7598-01CMS	SampType: MS	TestCode: 6010_D	Run ID: ICP-OPTIMA 5300 DV_090925A	Prep Date: 9/23/2009	Units: mg/L						
Batch ID: 20892	TestNo: SW6010B	FileID: 092509DY	Analysis Date: 9/25/2009	SeqNo: 916015							
Analyte	Result	LQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Calcium	173.3	0.48	12.5	158.9	116	75	125	0	0		
Magnesium	46.96	0.19	12.5	32.92	112	75	125	0	0		
Potassium	23.48	0.43	12.5	9.487	112	75	125	0	0		
Sodium	122.4	0.50	12.5	106.4	128	75	125	0	0		S

Sample ID: 09-7598-01CMSD	SampType: MSD	TestCode: 6010_D	Run ID: ICP-OPTIMA 5300 DV_090925A	Prep Date: 9/23/2009	Units: mg/L						
Batch ID: 20892	TestNo: SW6010B	FileID: 092509DY	Analysis Date: 9/25/2009	SeqNo: 916016							
Analyte	Result	LQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Calcium	173.4	0.48	12.5	158.9	117	75	125	173.3	0.0514		20
Magnesium	46.58	0.19	12.5	32.92	109	75	125	46.96	0.808		20

Qualifiers:
 U - Not detected at or above the Reporting Limit
 J - Analyte detected below quantitation limits
 S - Spike Recovery outside acceptance limits
 E - Extrapolated value, value exceeds calibration range
 R - RPD outside acceptance limits
 B - Analyte detected in the associated Method Blank
 H - Prep or analytical holding time exceeded
 X - See case narrative

Work Order: 09-7516
 Client Project ID:

ANALYTICAL QC SUMMARY REPORT

BatchID: 20892

Sample ID: 09-7598-01CMUSD	SamplType: MSD	TestCode: 6010_D	Run ID: ICP-OPTIMA 5300 DY_090925A	Prep Date: 9/23/2009	Units: mg/L						
Batch ID: 20892	TestNo: SW6010B	FileID: 092509DY	Analysis Date: 9/25/2009	SeqNo: 916016							
Analyte	Result	LQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Potassium	23.33	0.43	12.5	9.487	111	75	125	23.48	0.639	20	
Sodium	121.4	0.50	12.5	106.4	121	75	125	122.4	0.762	20	

Qualifiers:

- U - Not detected at or above the Reporting Limit
- I - Analyte detected below quantitation limits
- S - Spike Recovery outside acceptance limits
- E - Extrapolated value, value exceeds calibration range.
- R - RPD outside acceptance limits
- B - Analyte detected in the associated Method Blank
- H - Prep or analytical holding time exceeded
- X - See case narrative

Work Order: 09-7516
Client Project ID:

ANALYTICAL QC SUMMARY REPORT

TestCode: ALK_WGRP

Sample ID	MBLK 09/21/09	SampType: MBLK	TestCode: ALK_WGRP	Run ID: ALK_090921A	Prep Date: 9/21/2009	Units: mg/L CaCO3					
	Batch ID: R50126	TestNo: SM2320B	FileID: 1	Analysis Date: 9/21/2009	SeqNo: 912845						
Analyte	Result	LQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Alkalinity	U	5.0									
Sample ID	LCS	SampType: LCS	TestCode: ALK_WGRP	Run ID: ALK_090921A	Prep Date: 9/21/2009	Units: mg/L CaCO3					
	Batch ID: R50126	TestNo: SM2320B	FileID: 2	Analysis Date: 9/21/2009	SeqNo: 912846						
Analyte	Result	LQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Alkalinity	101	5.0	100	0	101	90	110	0	0		
------------------	-----	-----	-----	---	-----	----	-----	---	---	--	--

Qualifiers:

- U - Not detected at or above the Reporting Limit
- J - Analyte detected below quantitation limits
- S - Spike Recovery outside acceptance limits
- E - Extrapolated value, value exceeds calibration range.
- R - RPD outside acceptance limits
- B - Analyte detected in the associated Method Blank
- H - Prep or analytical holding time exceeded
- X - See case narrative

October 02, 2009

Stuart Hall
Olsson Associates
826 21 1/2 Road
Grand Junction, CO 81505

Lab Work Order: 09-7516
Client Project ID:

Dear Stuart Hall:

Enclosed are the analytical results for the samples shown in the Laboratory Work Order Summary.

THE INVOICE WILL BE MAILED FROM OUR NEW JERSEY OFFICE UNDER SEPARATE COVER.

The enclosed data for testing performed at Accutest Laboratory (formerly Evergreen Analytical) have been reviewed for quality assurance. A case narrative is included to describe any anomalies associated with the samples or data.

Accutest will dispose of all samples 44 days from the sample receipt date. If you want samples returned, please advise us by mail or fax as soon as possible.

A copy of this project report and supporting data will be retained for a period of five years unless we are otherwise advised by you. A document retrieval charge will apply.

Thank you for using the services of Accutest Laboratories. If you have any questions concerning the analytical data, please contact me. Please direct other questions to Client Services.

Sincerely,



Joseph J Egry IV/ Tiffany Pham
Quality Assurance