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4/30/12

Mr. Jerry Wickham
Alameda County
Environmental Health Department
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Re: B&C Gas Mini Mart, 2008 First Street, Livermore, California
(ACEHD Case No. RO0000278)

Dear Mr. Wickham:

Stratus Environmental, Inc. (Stratus) has recently prepared a document titled *Quarterly Groundwater Monitoring Report, First Quarter 2012* on my behalf. The report was prepared in regards to Alameda County Fuel Leak Case No. RO0000278, located at 2008 First Street, Livermore, California.

I have reviewed a copy of this report, sent to me by representatives of Stratus, and I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge."

Sincerely,

Balaji Angle
B&C Gas Mini Mart



3330 Cameron Park Drive, Ste 550
Cameron Park, California 95682
(530) 676-6004 ~ Fax: (530) 676-6005

April 30, 2012
Project No. 2146-2008-01

Mr. Jerry Wickham
Alameda County
Environmental Health Department
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Re: **Quarterly Groundwater Monitoring and Remediation Report, First Quarter 2012,**
B&C Gas Mini Mart, located at 2008 First Street, Livermore, California (ACEHD Case No.
RO0000278)


Dear Mr. Wickham:

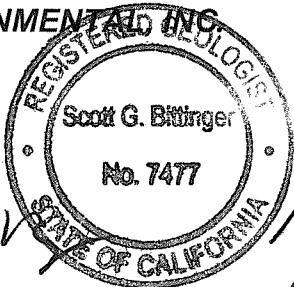
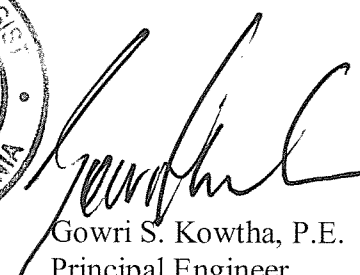
Stratus Environmental, Inc. (Stratus) is submitting the attached report, on behalf of Mr. Balaji Angle, to document work performed during the first quarter 2012 at the B&C Gas Mini Mart, located at 2008 First Street, Livermore, California. This report has been prepared in compliance with Alameda County Environmental Health Department (ACEHD) requirements for underground storage tank (UST) investigations.

If you have any questions regarding this report, please contact Scott Bittinger at (530) 676-2062 or Gowri Kowtha at (530) 676-6001.

Sincerely,

STRATUS ENVIRONMENTAL, INC.


Scott G. Bittinger, P.G.
Project Manager



Gowri S. Kowtha, P.E.
Principal Engineer

Attachment: Quarterly Groundwater Monitoring and Remediation Report, First Quarter 2012

cc: Mr. Balaji Angle, B&C Gas Mini Mart

**B&C GAS MINI MART
QUARTERLY GROUNDWATER MONITORING AND REMEDIATION REPORT**

Facility Address: 2008 First Street, Livermore, California
 Consulting Co./Contact Person: Stratus Environmental, Inc. / Scott Bittinger, P.G.
 Consultant Project No: 2146-2008-01
 Primary Agency/Regulatory ID No: Alameda County Environmental Health Department (ACEHD) / Case No. RO0000278

WORK PERFORMED THIS PERIOD (First Quarter 2012):

1. Stratus conducted semi-annual groundwater monitoring and sampling activities on January 25 and 26, 2012. During this event, all monitoring wells, with the exception of MW-6 which was damaged, were gauged for depth to water and evaluated for the presence of free product. Following gauging, wells MW-2, MW-3, MW-4, and MW-7 through MW-13 were purged and sampled. CMT-2 Z1, and D-2 were no purge sampled. Samples were be forwarded to a state-certified analytical laboratory for analysis. Field data sheets, sampling procedures and laboratory analytical reports are included as Appendices A, B and C, respectively. Analytical results for sampled wells and depth to groundwater measurements have been uploaded to the State of California's GeoTracker database. Documentation of these data uploads is attached in Appendix D.
2. After conducting repairs on the ozone injection system, the remediation equipment was re-started for continuous operation on February 28, 2012. A total of four site visits were conducted during the first quarter 2012 to inspect, repair, re-start, operate, and maintain the ozone injection system.
3. Stratus uploaded depth to groundwater measurement data collected by a previous consultant at the site during the first and third quarters 2011 to the GeoTracker database in order to resolve this deficiency. Documentation of these data uploads are included in Appendix D.

WORK PROPOSED FOR NEXT PERIOD (Second Quarter 2012):

1. In accordance with SWRCB Resolution No. 2009-0042, this site is under a semi-annual groundwater monitoring and sampling program, with these activities performed during the first and third quarters of each calendar year; therefore, no groundwater monitoring/sampling will be conducted during the second quarter 2012.
2. Stratus will continue operation of the ozone injection system.

Current Phase of Project: Groundwater Monitoring, Onsite Ozone Injection (CAP/REM – O&M)
 Frequency of Groundwater Sampling: MW-2 though MW-7, MW-13, CMT-1 Z1, CMT-2 Z1, CMT-3 Z1, and CMT-4 Z2 = semi-annually (first & third calendar quarter); MW-8 through MW-12 and D-2 = annually (third calendar quarter)
 Frequency of Groundwater Monitoring: MW-2, MW-3, MW-4, & MW-6 = quarterly All wells = semi-annual (1st & 3rd)
 Groundwater Sampling Dates: January 25 and 26, 2012
 Is Free Product (FP) Present on Site: No

Approximate Depth to Groundwater:	35.25 to 45.14 ft bgs
Groundwater Flow Direction:	Northwest
Groundwater Gradient:	0.03 ft/ft

IN-SITU GROUNDWATER REMEDIATION SYSTEM

Equipment Inventory:	Calcon Environmental (Calcon) HiPro™ 2500 Ozone Injection System
Ozone Injection System Status:	Non-Operational until February 28, 2012; Operational since February 28, 2012.
Injection wells:	SP-1A/B, SP-2A/B, SP-4A/B (ozone not being injected into well SP-3A/B). Offsite wells SP-5 A/B/C and SP-6 A/B/C not connected to remediation system).

DISCUSSION:

Stratus conducted groundwater monitoring and sampling activities on January 25 and 26, 2012. During this event, all monitoring wells, with the exception of MW-6 which was damaged, were gauged for depth to water and evaluated for the presence of free product. Following gauging, wells MW-2, MW-3, MW-4, and MW-7 through MW-13 were purged and groundwater samples were collected. Wells CMT-2 Z1 and D-2 were no purge sampled. Collected groundwater samples were forwarded to a state-certified analytical laboratory and analyzed for gasoline range organics (GRO) using EPA Method 8015B, for benzene, toluene, ethylbenzene, and total xylenes (BTEX compounds), methyl tertiary butyl ether (MTBE), and tertiary butyl ether (TBA) using EPA Method 8260B. Additionally, wells MW-2, MW-4, MW-13 and CMT-2 Z1 were analyzed for Nitrate and Sulfate EPA Method 300.0, manganese and iron by EPA Method 200.8, and for alkalinity by EPA Method SM2320B.

At the time of the first quarter 2012 groundwater monitoring/sampling event, depth to groundwater was measured between 35.25 to 45.14 feet below ground surface (bgs) in the monitoring wells. Groundwater monitoring data was converted to feet above mean sea level (MSL) and used to prepare groundwater elevation contour map (Figure 3). The groundwater flow direction was to the northwest at a calculated gradient of 0.03 ft/ft. Northwest groundwater flow is consistent with the findings of previous work.

During the first quarter 2012 monitoring and sampling event, GRO was reported in three of the twelve sampled wells with a concentration range between 170 micrograms per liter (µg/L), (well MW-13) and 600 µg/L (well MW-3). Benzene was reported in the samples collected from wells MW-2 (5.5 µg/L), MW-3 (19 µg/L), and MW-11 (9.0 µg/L), and MTBE was reported in the MW-3 (8.7 µg/L) and MW-13 (13 µg/L) well samples. No concentrations of GRO, BTEX, MTBE or TBA were reported in wells MW-4, MW-7 through MW-10, MW-12, CMT-2 Z1 or D-2. Figure 4 summarizes analytical data from the first quarter 2012 well sampling event. Figures 5 through 7 depict the generalized extent of GRO, benzene, and MTBE in groundwater based on data collected during the first quarter 2012.

REMEDIATION SYSTEM

Ozone Injection System Description and First Quarter 2012 Operation and Maintenance

A Calcon HiPro™ 2500 ozone injection system is currently being used to complete remedial work. The remediation system is situated within a locked, fenced remedial compound located immediately adjacent to a convenience store building located on the property (see Figure 2). The system is currently configured to cyclically inject an air/ozone mixture into wells SP-1A/B, SP-2A/B, and SP-4A/B. Subgrade piping with conveyance tubing extends from the remediation compound area to well SP-3A/B, however this tubing is not currently connected to the ozone injection system. Conveyance piping and tubing has not been installed to offsite wells SP-5A/B/C or SP-6A/B/C.

Stratus personnel visited the site on January 18, February 28, March 6, and March 29, 2012 in order to inspect and repair the ozone injection system, re-start the system for continuous operation, and perform operation and maintenance visits on the equipment. On March 29, 2012, ozone leakages within the vaults of wells SP-1 and SP-4 were discovered and repaired on the same day. Field data sheets documenting observations and work performed by Stratus personnel are included in Appendix A.

Well MW-6, which is situated approximately 2 to 3 feet bgs from injection well SP-2A/B, is damaged (obstructed below grade). Stratus recommends that MW-6 be overdrilled and reconstructed, as the well cannot currently be sampled and obtaining data at this location would be useful in evaluating the performance of remedial efforts.

During a December 8, 2011 meeting between ACEHD, Stratus, and Mr. Angle, ACEHD personnel indicated interest in expanding the ozone injection system offsite for connection to wells SP-5A/B/C and SP-6A/B/C in order to allow for remediation of dissolved fuel contaminants across a larger area of the subsurface (see Figure 2 for well locations). Stratus concurs with ACEHD's assessment that the groundwater treatment area should be expanded. However, at this time, California's Underground Storage Tank Cleanup Fund (USTCF) has not allocated sufficient funds to cover costs associated with an expansion of the ozone injection system. We are hopeful that in the future, funding to perform offsite remediation work can become available, however, for the current fiscal year (2011/2012), cleanup efforts will likely be limited to injection of ozone through the wells currently connected to the system (SP-1A/B, SP-2A/B, and SP-4A/B).

ATTACHMENTS:

- Table 1 Historical Groundwater Elevation and Analytical Summary
- Figure 1 Site Location Map
- Figure 2 Site Plan
- Figure 3 Groundwater Elevation Contour Map (First Quarter 2012)
- Figure 4 Groundwater Analytical Summary (First Quarter 2012)
- Figure 5 GRO Iso-Concentration Contour Map (First Quarter 2012)
- Figure 6 Benzene Iso-Concentration Contour Map (First Quarter 2012)
- Figure 7 MTBE Iso-Concentration Contour Map (First Quarter 2012)
- Appendix A Field Data Sheets
- Appendix B Sampling and Analyses Procedures
- Appendix C Laboratory Analytical Reports and Chain-of-Custody Documentation
- Appendix D GeoTracker Electronic Submittal Confirmations

TABLE 1
HISTORICAL GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
B&C Gas Mini Mart
2008 First Street, Livermore

Well Number	Date Collected	Depth to Water (feet)	Well Elevation (ft msl)	Groundwater				Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TAME (µg/L)	TBA (µg/L)
				Elevation (ft msl)	GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)					
MS (MW-1)	03/21/07	32.57	477.79	445.22	--	--	--	--	--	--	--	--
	03/23/07	--	--	--	770	1.0	<0.50	<0.50	<0.50	<0.50	--	<5.0
	06/21/07	40.40	477.79	437.39	--	--	--	--	--	--	--	--
	09/24/07	48.16	477.79	429.63	--	--	--	--	--	--	--	--
	12/17/07	48.35	477.79	429.44	--	--	--	--	--	--	--	--
	03/03/08	36.20	477.79	441.59	--	--	--	--	--	--	--	--
	06/09/08	41.50	477.79	436.29	--	--	--	--	--	--	--	--
	08/26/08	50.58	477.79	427.21	--	--	--	--	--	--	--	--
	12/08/08	52.12	477.79	425.67	--	--	--	--	--	--	--	--
	12/31/08	--	--	--	--	560	16	0.68	4.6	1.4	11	<0.050

Well Destroyed

TABLE 1
HISTORICAL GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
B&C Gas Mini Mart
2008 First Street, Livermore

Well Number	Date Collected	Depth to Water (feet)	Well Elevation (ft msl)	Groundwater Elevation (ft msl)	Analytical Data								
					GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TAME (µg/L)	TBA (µg/L)	
MW-2	03/21/07	28.77	486.25	457.48	--	--	--	--	--	--	--	--	--
	03/27/07	--	486.25	--	7,800	330	91	810	870	34	--	--	<7.0
	06/21/07	36.10	486.25	450.15	--	--	--	--	--	--	--	--	--
	06/22/07	--	486.25	--	2,400	150	12	130	23	23	--	--	<40
	09/25/07	44.99	486.25	441.26	10,000	270	17	230	31	15	--	--	43
	12/17/07	44.89	486.25	441.36	--	--	--	--	--	--	--	--	--
	12/18/07	--	486.25	--	4,500	51	4.7	58	32	10	<0.50	--	<10
	03/03/08	32.42	486.25	453.83	--	--	--	--	--	--	--	--	--
	03/04/08	--	486.25	--	3,600	70	7.2	70	120	6.3	--	--	<50
	06/09/08	37.39	486.25	448.86	--	--	--	--	--	--	--	--	--
	06/10/08	--	486.25	--	<50	59	6.5	19	65	12	--	--	<10
	08/26/08	46.79	486.25	439.46	--	--	--	--	--	--	--	--	--
	08/27/08	--	486.25	--	360	5.9	<0.50	0.56	<1.0	0.74	--	--	<10
	12/08/08	49.12	486.25	437.13	--	--	--	--	--	--	--	--	--
	12/10/08	--	486.25	--	4,800	37	11	26	310	14	--	--	<100
	03/26/09	38.90	486.25	447.35	2,000	3.6	<0.50	<0.50	3.8	0.84	--	--	<10
	02/18/11	33.40	486.25	452.85	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--
	09/27/11	33.83	486.25	452.42	100	1.0	<0.50	0.66	<1.0	<0.50	--	--	<10
	01/25/12	39.57	486.25	446.68	210	5.5	<0.50	<0.50	<0.50	<0.50	--	--	<10

TABLE 1
HISTORICAL GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
B&C Gas Mini Mart
2008 First Street, Livermore

Well Number	Date Collected	Depth to Water (feet)	Well Elevation (ft msl)	Groundwater			Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TAME (µg/L)	TBA (µg/L)	
				Elevation (ft msl)	GRO (µg/L)	Benzene (µg/L)						Toluene (µg/L)
MW-3	03/21/07	28.09	486.39	458.30	--	--	--	--	--	--	--	
	03/22/07	--	486.39	--	130	2.5	<0.50	0.98	<0.50	16	--	<5.0
	06/21/07	35.30	486.39	451.09	--	--	--	--	--	--	--	--
	06/22/07	--	486.39	--	180	6.4	<0.50	<0.50	<0.50	46	--	<20
	09/24/07	43.72	486.39	442.67	--	--	--	--	--	--	--	--
	09/25/07	--	486.39	--	6,500	29	2.0	76	42	8.6	--	33
	12/17/07	43.87	486.39	442.52	--	--	--	--	--	--	--	--
	12/18/07	--	486.39	--	7,200	93	6.8	70	73	24	<0.50	<10
	03/03/08	31.59	486.39	454.80	--	--	--	--	--	--	--	--
	03/04/08	--	486.39	--	1,400	1.1	<0.50	6.6	6.2	6.2	--	<10
	06/09/08	36.62	486.39	449.77	--	--	--	--	--	--	--	--
	06/10/08	--	486.39	--	<50	1.4	<0.50	0.60	<1.0	2.2	--	<10
	08/26/08	45.72	486.39	440.67	--	--	--	--	--	--	--	--
	08/27/08	--	486.39	--	2,600	160	9.8	56	30	100	--	<10
	12/08/08	48.22	486.39	438.17	--	--	--	--	--	--	--	--
	12/10/08	--	486.39	--	3,200	440	20	79	30	380	--	<100
	03/26/09	37.92	486.39	448.47	830	34	1.6	<0.50	3.5	42	--	<10
	02/18/11	32.26	486.39	454.13	120	1.2	<0.50	<0.50	<1.0	4.1	--	--
	09/27/11	32.79	486.39	453.60	490	2.0	<0.50	1.4	<1.0	19.0	--	<10
	01/25/12	38.66	486.39	447.73	600	19	<0.50	2.3	0.82	8.7	--	<10

TABLE 1
HISTORICAL GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
B&C Gas Mini Mart
2008 First Street, Livermore

Well Number	Date Collected	Depth to Water (feet)	Well Elevation (ft msl)	Groundwater				Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TAME (µg/L)	TBA (µg/L)
				Elevation (ft msl)	GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)					
MW-4	03/21/07	28.67	487.43	458.76	--	--	--	--	--	--	--	--
	03/27/07	--	487.43	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	<5.0
	06/21/07	32.20	487.43	455.23	--	--	--	--	--	--	--	--
	06/22/07	--	487.43	--	<50	<0.50	<0.50	<0.50	<0.50	1.1	--	<20
	09/24/07	44.57	487.43	442.86	--	--	--	--	--	--	--	--
	09/25/07	--	487.43	--	140	<0.50	<0.50	<0.50	<0.50	<0.50	--	<10
	12/17/07	44.67	487.43	442.76	--	--	--	--	--	--	--	--
	12/18/07	--	487.43	--	350	0.53	<0.50	0.72	<1.0	<0.50	<0.50	<10
	03/03/08	32.20	487.43	455.23	--	--	--	--	--	--	--	--
	03/04/08	--	487.43	--	93	<0.50	<0.50	<0.50	<1.0	<0.50	--	<10
	06/09/08	37.28	487.43	450.15	--	--	--	--	--	--	--	--
	06/10/08	--	487.43	--	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	<10
	08/26/08	46.63	487.43	440.80	--	--	--	--	--	--	--	--
	08/27/08	--	487.43	--	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	<10
	12/08/08	49.23	487.43	438.20	--	--	--	--	--	--	--	--
	12/09/08	--	487.43	--	340	3.30	1.2	<0.50	2.8	<0.50	--	<10
	03/26/09	38.83	487.43	448.60	290	0.94	<0.50	<0.50	<1.0	<0.50	--	<10
	02/18/11	29.98	487.43	457.45	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--
	09/27/11	33.61	487.43	453.82	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	<10
	01/25/12	39.42	487.43	448.01	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	<10

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HISTORICAL GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
B&C Gas Mini Mart
2008 First Street, Livermore

Well Number	Date Collected	Depth to Water (feet)	Well Elevation (ft msl)	Groundwater Elevation (ft msl)	Analytical Data								
					GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TAME (µg/L)	TBA (µg/L)	
MW-5	03/21/07	28.47	484.33	455.86	--	--	--	--	--	--	--	--	--
	03/27/07	--	484.33	--	4,000	140	4.2	300	64	23	--	--	<5.0
	06/21/07	35.30	484.33	449.03	--	--	--	--	--	--	--	--	--
	06/22/07	--	484.33	--	4,200	180	5.5	200	18	29	--	--	<20
	09/24/07	38.72	484.33	445.61	--	--	--	--	--	--	--	--	--
	09/25/07	--	484.33	--	6,000	420	27	560	110	56	--	--	98
	12/17/07	38.71	484.33	445.62	--	--	--	--	--	--	--	--	--
	03/03/08	32.10	484.33	452.23	--	--	--	--	--	--	--	--	--
	03/04/08	--	484.33	--	12,000	550	48	1,000	260	78	--	--	<100
	06/09/08	37.02	484.33	447.31	--	--	--	--	--	--	--	--	--
	06/11/08	--	484.33	--	<50	720	33	1,200	97	77	--	--	<10
	08/26/08	--	484.33	--	--	--	--	--	--	--	--	--	--
	12/08/08	--	484.33	--	--	--	--	--	--	--	--	--	--
	03/26/09	--	484.33	--	--	--	--	--	--	--	--	--	--
	MW-6	02/18/11	32.79	484.33	451.54	4,500	230	<10	140	<20	21	--	--
09/27/11		33.62	484.33	450.71	1,800	34	1.9	8.5	2.2	<0.50	--	--	<10
01/25/12		38.62	484.33	445.71	--	--	--	--	--	--	--	--	--
09/27/11		--	486.29	--	--	--	--	--	--	--	--	--	--
	01/25/12	--	486.29	--	Well Damaged								

TABLE 1
HISTORICAL GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
B&C Gas Mini Mart
2008 First Street, Livermore

Well Number	Date Collected	Depth to Water (feet)	Well Elevation (ft msl)	Groundwater Elevation (ft msl)	Groundwater								
					GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TAME (µg/L)	TBA (µg/L)	
MW-7	03/21/07	28.86	480.54	451.68	--	--	--	--	--	--	--	--	--
	03/23/07	--	480.54	--	560	4.3	<0.50	0.83	<0.50	22	--	--	<5.0
	06/21/07	35.70	480.54	444.84	--	--	--	--	--	--	--	--	--
	06/22/07	--	480.54	--	4,200	9.1	<0.50	18	4.1	9.9	--	--	<20
	09/24/07	44.07	480.54	436.47	--	--	--	--	--	--	--	--	--
	09/25/07	--	480.54	--	590	0.56	<0.50	0.52	<0.50	14	--	--	<10
	12/17/07	44.13	480.54	436.41	--	--	--	--	--	--	--	--	--
	12/18/07	--	480.54	--	1,800	2.2	<0.50	1.9	0.58	16	<0.50	--	<10
	03/03/08	31.89	480.54	448.65	--	--	--	--	--	--	--	--	--
	03/04/08	--	480.54	--	3,700	85	6.7	180	25	49	--	--	<10
	06/09/08	37.21	480.54	443.33	--	--	--	--	--	--	--	--	--
	06/10/08	--	480.54	--	<50	76	6.5	95	13	53	--	--	<10
	08/26/08	46.11	480.54	434.43	--	--	--	--	--	--	--	--	--
	08/27/08	--	480.54	--	650	11	0.56	4.0	<1.0	15	--	--	<10
	12/08/08	48.02	480.54	432.52	--	--	--	--	--	--	--	--	--
	12/09/08	--	480.54	--	1,600	7.2	<0.50	<0.50	<1.0	9.6	--	--	<10
	03/26/09	37.77	480.54	442.77	850	49	2.0	22	2.1	37	--	--	<10
	02/18/11	32.51	480.54	448.03	<50	<0.50	<0.50	<0.50	<1.0	0.98	--	--	--
	09/27/11	33.59	480.54	446.95	690	13	<0.50	<0.50	<1.0	23	--	--	<10
	01/26/12	39.07	480.54	441.47	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	<10

TABLE 1
HISTORICAL GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
B&C Gas Mini Mart
2008 First Street, Livermore

Well Number	Date Collected	Depth to Water (feet)	Well Elevation (ft msl)	Groundwater				Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TAME (µg/L)	TBA (µg/L)
				Elevation (ft msl)	GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)					
MW-8	03/21/07	33.76	475.62	441.86	--	--	--	--	--	--	--	--
	06/21/07	42.10	475.62	433.52	--	--	--	--	--	--	--	--
	09/24/07	51.04	475.62	424.58	--	--	--	--	--	--	--	--
	12/17/07	50.18	475.62	425.44	--	--	--	--	--	--	--	--
	12/18/07	--	475.62	--	54	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<10
	03/03/08	37.84	475.62	437.78	--	--	--	--	--	--	--	--
	06/09/08	43.50	475.62	432.12	--	--	--	--	--	--	--	--
	08/26/08	44.53	475.62	431.09	--	--	--	--	--	--	--	--
	12/08/08	--	475.62	--	--	--	--	--	--	--	--	--
	02/18/11	37.59	475.62	438.03	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--
	09/27/11	39.76	475.62	435.86	--	--	--	--	--	--	--	--
	01/26/12	44.27	475.62	431.35	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	<10

TABLE 1
HISTORICAL GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
B&C Gas Mini Mart
2008 First Street, Livermore

Well Number	Date Collected	Depth to Water (feet)	Well Elevation (ft msl)	Groundwater Elevation (ft msl)	Analytical Data							
					GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TAME (µg/L)	TBA (µg/L)
MW-9	03/21/07	30.76	479.48	448.72	--	--	--	--	--	--	--	--
	06/21/07	38.10	479.48	441.38	--	--	--	--	--	--	--	--
	09/24/07	43.30	479.48	436.18	--	--	--	--	--	--	--	--
	12/17/07	43.34	479.48	436.14	--	--	--	--	--	--	--	--
	03/03/08	34.35	479.48	445.13	--	--	--	--	--	--	--	--
	06/09/08	39.64	479.48	439.84	--	--	--	--	--	--	--	--
	08/26/08	43.33	479.48	436.15	--	--	--	--	--	--	--	--
	12/08/08	--	479.48	--	--	--	--	--	--	--	--	--
	01/25/12	41.12	479.48	438.36	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--

TABLE 1
HISTORICAL GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
B&C Gas Mini Mart
2008 First Street, Livermore

Well Number	Date Collected	Depth to Water (feet)	Well Elevation (ft msl)	Groundwater				Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TAME (µg/L)	TBA (µg/L)
				Elevation (ft msl)	GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)					
MW-10	03/21/07	34.01	473.84	439.83	--	--	--	--	--	--	--	--
	06/21/07	42.30	473.84	431.54	--	--	--	--	--	--	--	--
	09/24/07	51.43	473.84	422.41	--	--	--	--	--	--	--	--
	12/17/07	50.37	473.84	423.47	--	--	--	--	--	--	--	--
	12/18/07	--	473.84	--	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<10
	03/03/08	38.22	473.84	435.62	--	--	--	--	--	--	--	--
	06/09/08	44.28	473.84	429.56	--	--	--	--	--	--	--	--
	08/26/08	44.88	473.84	428.96	--	--	--	--	--	--	--	--
	12/08/08	--	473.84	--	--	--	--	--	--	--	--	--
	02/18/11	37.88	473.84	435.96	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--
	09/27/11	40.12	473.84	433.72	--	--	--	--	--	--	--	--
	01/26/12	44.65	473.84	429.19	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	<10

TABLE 1
HISTORICAL GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
B&C Gas Mini Mart
2008 First Street, Livermore

Well Number	Date Collected	Depth to Water (feet)	Well Elevation (ft msl)	Groundwater				Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TAME (µg/L)	TBA (µg/L)
				Elevation (ft msl)	GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)					
MW-11	03/21/07	30.49	467.32	436.83	--	--	--	--	--	--	--	--
	06/21/07	38.30	467.32	429.02	--	--	--	--	--	--	--	--
	09/24/07	43.22	467.32	424.10	--	--	--	--	--	--	--	--
	12/17/07	43.18	467.32	424.14	--	--	--	--	--	--	--	--
	03/03/08	34.72	467.32	432.60	--	--	--	--	--	--	--	--
	06/09/08	40.42	467.32	426.90	--	--	--	--	--	--	--	--
	08/26/08	43.57	467.32	423.75	--	--	--	--	--	--	--	--
	12/08/08	50.18	467.32	417.14	--	--	--	--	--	--	--	--
	09/27/11	36.35	467.32	430.97	--	--	--	--	--	--	--	--
	01/26/12	40.72	467.32	426.60	<50	9.0	<0.50	<0.50	<0.50	<0.50	--	<10

TABLE 1
HISTORICAL GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
B&C Gas Mini Mart
2008 First Street, Livermore

Well Number	Date Collected	Depth to Water (feet)	Well Elevation (ft msl)	Groundwater				Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TAME (µg/L)	TBA (µg/L)
				Elevation (ft msl)	GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)					
MW-12	03/21/07	24.77	460.73	435.96	--	--	--	--	--	--	--	--
	06/21/07	32.90	460.73	427.83	--	--	--	--	--	--	--	--
	09/24/07	42.20	460.73	418.53	--	--	--	--	--	--	--	--
	12/17/07	40.93	460.73	419.80	--	--	--	--	--	--	--	--
	12/18/07	--	460.73	--	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<10
	03/03/08	28.99	460.73	431.74	--	--	--	--	--	--	--	--
	06/09/08	35.10	460.73	425.63	--	--	--	--	--	--	--	--
	08/26/08	42.55	460.73	418.18	--	--	--	--	--	--	--	--
	12/08/08	--	460.73	--	--	--	--	--	--	--	--	--
	09/27/11	30.80	460.73	429.93	--	--	--	--	--	--	--	--
	01/26/12	35.25	460.73	425.48	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	<10

TABLE 1
HISTORICAL GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
B&C Gas Mini Mart
2008 First Street, Livermore

Well Number	Date Collected	Depth to Water (feet)	Well Elevation (ft msl)	Groundwater Elevation (ft msl)	Analytical Summary							
					GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TAME (µg/L)	TBA (µg/L)
MW-13	03/21/07	30.37	477.18	446.81	--	--	--	--	--	--	--	--
	03/27/07	--	477.18	--	<50	<0.50	<0.50	<0.50	<0.50	4.6	--	<5.0
	06/21/07	37.60	477.18	439.58	--	--	--	--	--	--	--	--
	06/22/07	--	477.18	--	180	0.52	<0.50	<0.50	<0.50	23	--	<200
	09/24/07	45.60	477.18	431.58	--	--	--	--	--	--	--	--
	09/25/07	--	477.18	--	<50	<0.50	<0.50	<0.50	<0.50	6.9	--	<10
	12/17/07	45.13	477.18	432.05	--	--	--	--	--	--	--	--
	12/18/07	--	477.18	--	73	<0.50	<0.50	<0.50	<1.0	2.8	<0.50	<10
	03/03/08	33.82	477.18	443.36	--	--	--	--	--	--	--	--
	03/04/08	--	477.18	--	740	20	0.76	5.8	2.0	35	--	<10
	06/09/08	39.02	477.18	438.16	--	--	--	--	--	--	--	--
	06/10/08	--	477.18	--	<50	27	0.5	1.9	<1.0	39	--	<10
	08/26/08	47.52	477.18	429.66	--	--	--	--	--	--	--	--
	08/27/08	--	477.18	--	<50	<0.50	<0.50	<0.50	<1.0	2.9	--	<10
	12/08/08	49.02	477.18	428.16	--	--	--	--	--	--	--	--
	12/10/08	--	477.18	--	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	<10
	03/26/09	39.59	477.18	437.59	350	15	0.52	<0.50	<1.0	19	--	<10
	02/18/11	34.27	477.18	442.91	<50	1.1	<0.50	<0.50	<1.0	8.4	--	--
	09/27/11	35.86	477.18	441.32	74	<0.50	<0.50	<0.50	<1.0	7.2	--	<10
	01/25/12	40.65	477.18	436.53	170	<0.50	<0.50	<0.50	<0.50	13	--	<10

TABLE 1
HISTORICAL GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
B&C Gas Mini Mart
2008 First Street, Livermore

Well Number	Date Collected	Depth to Water (feet)	Well Elevation (ft msl)	Groundwater				Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TAME (µg/L)	TBA (µg/L)
				Elevation (ft msl)	GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)					
CMT-1 Z1	03/21/07	35.26	471.96	436.70	--	--	--	--	--	--	--	--
	03/22/07	--	471.96	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	<5.0
	06/21/07	43.40	471.96	428.56	--	--	--	--	--	--	--	--
	09/24/07	--	471.96	--	--	--	--	--	--	--	--	--
	12/17/07	--	471.96	--	--	--	--	--	--	--	--	--
	03/03/08	39.80	471.96	432.16	--	--	--	--	--	--	--	--
	03/05/08	--	471.96	--	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<10
	06/09/08	--	471.96	--	--	--	--	--	--	--	--	--
	08/26/08	--	471.96	--	--	--	--	--	--	--	--	--
	12/08/08	--	471.96	--	--	--	--	--	--	--	--	--
	02/18/11	38.38	471.96	433.58	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--
	09/27/11	41.31	471.96	430.65	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	<10
	01/25/12	45.30	471.96	426.66	--	--	--	--	--	--	--	--

TABLE 1
HISTORICAL GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
B&C Gas Mini Mart
2008 First Street, Livermore

Well Number	Date Collected	Depth to Water (feet)	Well Elevation (ft msl)	Groundwater				Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TAME (µg/L)	TBA (µg/L)
				Elevation (ft msl)	GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)					
CMT-2 Z1	03/21/07	34.15	472.53	438.38	--	--	--	--	--	--	--	--
	06/21/07	42.90	472.53	429.63	--	--	--	--	--	--	--	--
	09/24/07	--	472.53	--	--	--	--	--	--	--	--	--
	12/17/07	--	472.53	--	--	--	--	--	--	--	--	--
	03/03/08	38.63	472.53	433.90	--	--	--	--	--	--	--	--
	06/09/08	44.58	472.53	427.95	--	--	--	--	--	--	--	--
	08/26/08	--	472.53	--	--	--	--	--	--	--	--	--
	12/08/08	--	472.53	--	--	--	--	--	--	--	--	--
	02/18/11	37.62	472.53	434.91	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--
	09/27/11	40.59	472.53	431.94	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	<10
	01/25/12	45.14	472.53	427.39	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	<10

TABLE 1
HISTORICAL GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
B&C Gas Mini Mart
2008 First Street, Livermore

Well Number	Date Collected	Depth to Water (feet)	Well Elevation (ft msl)	Groundwater				Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TAME (µg/L)	TBA (µg/L)
				Elevation (ft msl)	GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)					
CMT-3 Z1	03/21/07	34.40	476.28	441.88	--	--	--	--	--	--	--	--
	06/21/07	42.60	476.28	433.68	--	--	--	--	--	--	--	--
	09/24/07	--	476.28	--	--	--	--	--	--	--	--	--
	12/17/07	--	476.28	--	--	--	--	--	--	--	--	--
	03/03/08	38.45	476.28	437.83	--	--	--	--	--	--	--	--
	06/09/08	--	476.28	--	--	--	--	--	--	--	--	--
	08/26/08	--	476.28	--	--	--	--	--	--	--	--	--
	12/08/08	--	476.28	--	--	--	--	--	--	--	--	--
	02/18/11	38.48	476.28	437.80	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--
	09/27/11	40.64	476.28	435.64	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	25.00
	01/25/12	43.20	476.28	433.08	--	--	--	--	--	--	--	--

TABLE 1
HISTORICAL GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
B&C Gas Mini Mart
2008 First Street, Livermore

Well Number	Date Collected	Depth to Water (feet)	Well Elevation (ft msl)	Groundwater				Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TAME (µg/L)	TBA (µg/L)
				Elevation (ft msl)	GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)					
CMT-4 Z2	03/21/07	28.22	485.82	457.60	--	--	--	--	--	--	--	--
	03/22/07	--	485.82	--	5,800	1,800	130	190	180	1,700	--	140
	06/21/07	35.20	485.82	450.62	--	--	--	--	--	--	--	--
	09/24/07	--	485.82	--	--	--	--	--	--	--	--	--
	12/17/07	--	485.82	--	--	--	--	--	--	--	--	--
	03/03/08	32.12	485.82	453.70	--	--	--	--	--	--	--	--
	03/05/08	--	485.82	--	8,200	1,600	160	290	690	900	<12	<250
	06/09/08	36.71	485.82	449.11	--	--	--	--	--	--	--	--
	08/26/08	--	485.82	--	--	--	--	--	--	--	--	--
	12/08/08	--	485.82	--	--	--	--	--	--	--	--	--
	03/27/09	--	485.82	--	--	--	--	--	--	--	--	--
	02/18/11	37.70	485.82	448.12	--	--	--	--	--	--	--	--
	09/27/11	33.22	485.82	452.60	1,400	210	10	66	140	150	<2.5	<50
	01/25/12	37.40	485.82	448.42	--	--	--	--	--	--	--	--

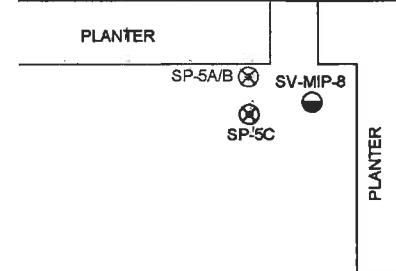
TABLE 1
HISTORICAL GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
B&C Gas Mini Mart
2008 First Street, Livermore

Well Number	Date Collected	Depth to Water (feet)	Well Elevation (ft msl)	Groundwater Elevation (ft msl)	Analytical Summary								
					GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TAME (µg/L)	TBA (µg/L)	
D-2	03/21/07	26.50	460.01	433.51	--	--	--	--	--	--	--	--	--
	03/22/07	--	460.01	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--	<5.0
	06/21/07	34.40	460.01	425.61	--	--	--	--	--	--	--	--	--
	06/22/07	--	460.01	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--	<20
	09/24/07	43.61	460.01	416.40	--	--	--	--	--	--	--	--	--
	09/25/07	--	460.01	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--	<10
	12/17/07	39.07	460.01	420.94	--	--	--	--	--	--	--	--	--
	12/18/07	--	460.01	--	<50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<10
	03/03/08	28.07	460.01	431.94	--	--	--	--	--	--	--	--	--
	03/04/08	--	460.01	--	<50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	--	<10
	06/09/08	36.42	460.01	423.59	--	--	--	--	--	--	--	--	--
	06/10/08	--	460.01	--	<50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	--	<10
	08/26/08	45.39	460.01	414.62	--	--	--	--	--	--	--	--	--
	08/28/08	--	460.01	--	230	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	--	<10
	12/08/08	43.07	460.01	416.94	--	--	--	--	--	--	--	--	--
	12/09/08	--	460.01	--	<50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	--	<10
	03/26/09	34.33	460.01	425.68	<50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	--	<10
	09/27/11	31.46	460.01	428.55	--	--	--	--	--	--	--	--	--
	01/26/12	41.38	460.01	418.63	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--	<10

<p><u>Notes:</u></p> <p>GRO = Gasoline Range Organics C4-C13</p> <p>MTBE = Methyl tert-butyl ether</p> <p>TAME=Tert amyl-methyl ether</p> <p>TBA=Tert-butyl alcohol</p> <p>msl = Mean sea level</p> <p>µg/L = Micrograms per liter</p> <p>-- = Not analyzed/Not measured</p>	<p><u>Analysis:</u></p> <p>GRO analyzed using EPA Method SW8015B.</p> <p>All remaining analytes analyzed using EPA Method SW8260B.</p> <p>All data taken from Golder Associates, 2011 Second Semi-Annual Groundwater Monitoring Report, dated November 2, 2011.</p>
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- LEGEND:
- ⊕ MW-1 MONITORING WELL LOCATION
 - SV-MW-2 SOIL VAPOR EXTRACTION WELL
 - ⊗ SP-1A/B OZONE SPARGE WELL



PLANTER

DRIVEWAY

PLANTER

SIDEWALK

SIDEWALK

MW-5

⊗ SP-6A/B

⊗ SP-6C

FIRST STREET

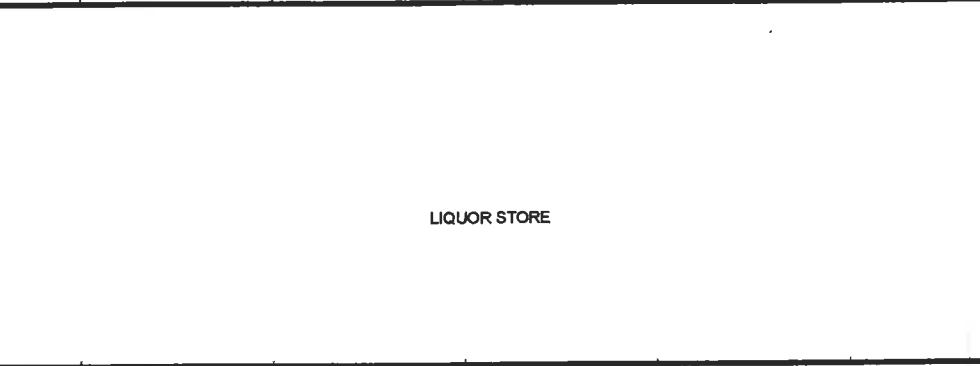
SIDEWALK

⊗ SP-3A/B

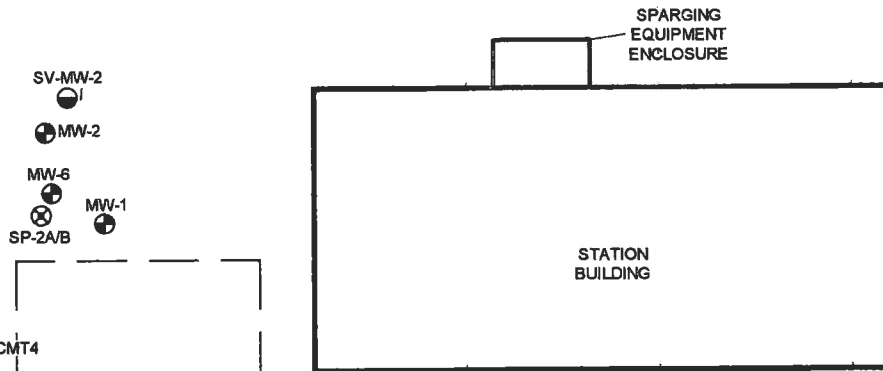
⊗ SP-1A/B

⊗ SP-4A/B

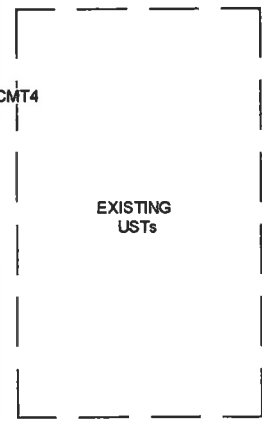
SIDEWALK



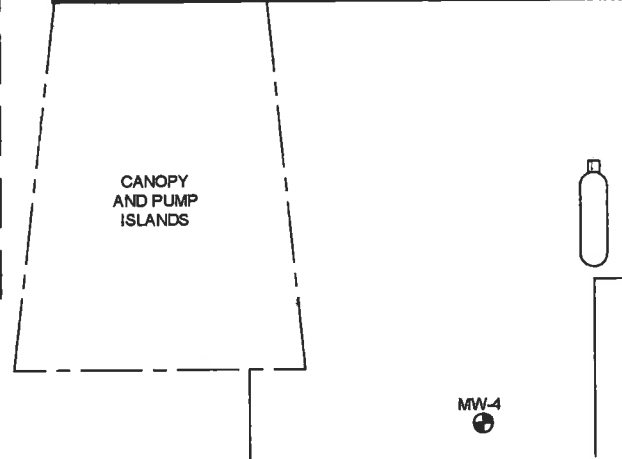
LIQUOR STORE



STATION BUILDING



EXISTING USTs



CANOPY AND PUMP ISLANDS



BUILDING

MW-3

CMT4

MW-6

SV-MW-2

MW-2

MW-1

SP-2A/B

MW-4

NOTE: LOCATIONS OF FEATURES DEPICTED ON THIS FIGURE ARE APPROXIMATE.

STRATUS
ENVIRONMENTAL, INC.



B & C GAS MINI MART
2008 1st STREET
LIVERMOORE, CALIFORNIA

SITE PLAN

FIGURE

2

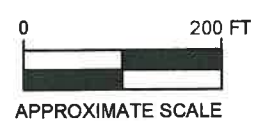
PROJECT NO.
2146-2008-01



LEGEND

- MW-4 GROUNDWATER MONITORING WELL LOCATION (CMT-# DESIGNATES MULTI-LEVEL WELLS)
- D-1 DEEP GROUNDWATER MONITORING WELL LOCATION
- CWS#8 MUNICIPAL WATER SUPPLY WELL LOCATION
- (446.68) GROUND WATER ELEVATION IN FEET RELATIVE TO MEAN SEA LEVEL
- 430 — WATER TABLE CONTOUR IN FEET RELATIVE TO MEAN SEA LEVEL
- ➔ INFERRED DIRECTION OF GROUND WATER FLOW

WELLS MEASURED 1/25/12
 (NM) = NOT MEASURED, WELL CASING OBSTRUCTED ABOVE WATER TABLE LEVEL



B & C GAS MINI MART
 2008 1st STREET
 LIVERMORE, CALIFORNIA

GROUNDWATER ELEVATION CONTOUR MAP
 1st QUARTER 2012

FIGURE
3

PROJECT NO.
 2146-2008-01

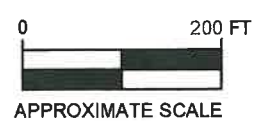




LEGEND

- MW-4 GROUNDWATER MONITORING WELL LOCATION (CMT-# DESIGNATES MULTI-LEVEL WELLS)
- D-1 DEEP GROUNDWATER MONITORING WELL LOCATION
- CWS#8 MUNICIPAL WATER SUPPLY WELL LOCATION
- [<50] GASOLINE RANGE ORGANICS (GRO) IN µg/L

SAMPLES COLLECTED ON 1/25/12 & 1/26/12
 GRO ANALYZED BY EPA METHOD 8015B
 [NS] = NOT SAMPLED



B & C GAS MINI MART
 2008 1st STREET
 LIVERMORE, CALIFORNIA

GRO ISO-CONCENTRATION CONTOUR MAP
 1st QUARTER 2012

FIGURE
5
 PROJECT NO.
 2146-2008-01



STRATUS
 ENVIRONMENTAL, INC.



B & C GAS MINI MART
 2008 1st STREET
 LIVERMORE, CALIFORNIA

BENZENE ISO-CONCENTRATION CONTOUR MAP
 1st QUARTER 2012

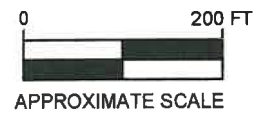
FIGURE
6
 PROJECT NO.
 2146-2008-01



LEGEND

- MW-4 GROUNDWATER MONITORING WELL LOCATION (CMT-# DESIGNATES MULTI-LEVEL WELLS)
- D-1 DEEP GROUNDWATER MONITORING WELL LOCATION
- CWS#8 MUNICIPAL WATER SUPPLY WELL LOCATION
- [<0.50] METHYL TERTIARY BUTYL ETHER (MTBE) IN $\mu\text{g/L}$

SAMPLES COLLECTED ON 1/25/12 & 1/26/12
 MTBE ANALYZED BY EPA METHOD 8260B
 [NS] = NOT SAMPLED



B & C GAS MINI MART
 2008 1st STREET
 LIVERMORE, CALIFORNIA

MTBE ISO-CONCENTRATION CONTOUR MAP
 1st QUARTER 2012

FIGURE
7

PROJECT NO.
 2146-2008-01

APPENDIX A
FIELD DATA SHEETS

1-18-12
CHILL

B+C GAS MINT Livermore

(38)

ORIGINAL

0630 onsite try get ozone system up

try to start compressor - overloads are tripped

Reset - Trips breaker in station - Reset Breaker
Turn overloads Down - Trips overloads - Push contact
in manually motor hums but not rotate Bad motor

Weg motor 230 Volt 21. Amp

01FEV07 - CA26298

GX4 FF CSA

SER A11652911

Product 8152101310

Talk with owner on Phone Told Him whats
up - Said to fix it - get it going -
Will call Gowai

0815 outside system Down

GX2

2-28-12 B+C Meet OAS Livorno
CHILL

(1/2)

0545 onsite install other compressor to get system up
and running - ORIGINAL

2 HRS

15 PSI

1.2 CFM #2 sol.

Compl HRS 9266

0500 offsite system in auto

WLG OIFLEV07 CA26298

230 Volts 5 HP

60 HRS 3525 min

21.4 Amp

90 C/S

3612
CITILL

B+C Mount

LIVERMORNE

(42)

1130 onsite check system

37 PSI
1.0 CFM Flow

9472 NRS

1215 onsite

(45) 3-29-12
C.M.L. Mandy

B+C Maint Livermore

ORIGINAL

0845 onsite go through system -

SP 4 + SP 1 Fittings AT well NOT glued

SP 2 good

SP 3 NOT ON system

SP 1A -	Sol.
1B -	2
2A -	4
2B -	6
4A -	8
4B -	1
	3

3.8 CFM Flow
6 PSI on Valve 4
12 SCFH Flow O₂
OZONE 100%

2.8 HRS OZONE system
316 HRS COMPRESSOR

1130 offsite system in site



Site Address 2008 First Street
 City Livermore, CA
 Sampled By: Vince Zalutka
 Signature VZ

Site Number B & C Gas
 Project Number 2146-2008-01
 Project PM Scott Bittinger
 DATE 1-25-12
1-26-12

Water Level Data					Purge Volume Calculations					Purge Method				Sample Record			Field Data	
Well ID	Time	Depth to Product (feet)	Depth to Water (feet)	Total Depth (feet)	Water Column (feet)	Diameter (inches)	Multiplier	3 casing volumes (gallons)	Actual Water Purged (gallons)	No Purge	Bailer	Pump	Other	DTW at sample time (feet)	Sample I.D.	Sample Time	DO (mg/L)	
MS-MW-1						Destroyed									MS-MW-1	N/A		
MW-2	0452		39.57	56.00	16.42	4	2	32.84	33.00		X			39.90	MW-2	0731	1.84	
MW-3	0449		38.66	57.30	18.34	4	2	36.68	37		X			38.78	MW-3	0707	1.64	
MW-4	0446		39.42	59.60	20.58	4	2	41.16	41		X			39.48	MW-4	0723	3.72	
MW-5	0405		38.62	39.40	0.78	4	2	Dry	Dry	X			X		MW-5	N/S		
MW-6	0440		Damaged			4	2	Sec	CHILL						MW-6	N/S		
MW-7	0953		39.07	49.00	9.93	2	0.5	4.97	5.00		X			39.07	MW-7	0703	1.48	
MW-8	0816		44.27	52.61	8.34	2	0.5	4.17	4.00		X			44.27	MW-8	0443	1.82	
MW-9	0959		41.12	43.80	2.68	2	0.5	1.34	1.50		X			41.37	MW-9	1021	2.09	
MW-10	0821		44.65	47.75	3.10	2	0.5	1.50	2.00		X			44.65	MW-10	0512	2.32	
MW-11	0924		40.72	48.50	7.78	2	0.5	3.89	4.00		X			41.52	MW-11	0547	1.27	
MA-12	0935		35.25	43.00	7.75	2	0.5	3.88	4.00		X			35.25	MA-12	0625	2.21	
MW-13	0805		40.65	53.85	13.20	2	0.5	6.60	6.50		X			40.65	MW-13	1300	1.05	
CMT-1 z1	0905		45.30	45.30	Dry	1.7	NP	NP							CMT-1 z1	N/S		
CMT-2 z1	0844		45.14	48.74	NP	1.7	NP	NP							CMT-2 z1	1213	2.72	
CMT-3 z1	0851		43.20	43.20	Dry	1.7	NP	NP							CMT-3 z1	N/S		
CMT-4 z2	0655		37.40	37.40	Dry	1.7	NP	NP							CMT-4 z2	N/S		
D-2	0926		41.38	123.25	Dry	2	0.5	NP						41.38	D-2	0603	3.40	
			MW -5			the PVC is cracked off in well												

Multiplier
 2" = 0.5, 3" = 1.0, 4" = 2.0, 6" = 4.4

Please refer to groundwater sampling field procedures
 pH/Conductivity/temperature Meter - Oakton Model JPC-10
 DO Meter - Oakton 300 Series (DO is always measured before purge)

CALIBRATION DATE
 pH VZ 1-25-12
 Conductivity 2 2
 DO 2 2



Site Address 2008 1st
 City Livermore
 Sampled By: _____
 Signature VJ

Site Number B+C GAS
 Project Number _____
 Project PM _____
 DATE 1-28-12

0446
 39.42
 59.60
 20.58
 41

Well ID MW-4

Purge start time		Odor			Y <input checked="" type="radio"/>	N <input type="radio"/>
Temp C	pH	cond	gallons			
time 0511	16.0	7.73	648	4		
time 0525	17.1	7.35	712	20		
time 0537	17.6	7.34	725	41		
time						
purge stop time		3.72 DO	ORP 288			

Well ID CMT-2 Z1

Purge start time		Odor			Y <input checked="" type="radio"/>	N <input type="radio"/>
Temp C	pH	cond	gallons			
NP						
time 1213	15.7	7.21	902	2		
time						
time						
time						
purge stop time			ORP 133			

0449
 38.66
 57.30
 18.34
 37

Well ID MW-3

Purge start time		Odor			Y <input checked="" type="radio"/>	N <input type="radio"/>
Temp C	pH	cond	gallons			
time 0545	12.1	7.11	281	2		
time 0556	12.6	7.20	282	18		
time 0610	17.8	7.17	784	37		
time						
purge stop time		16H DO	ORP 346			

Well ID MW-13

Purge start time		Odor			Y <input checked="" type="radio"/>	N <input type="radio"/>
Temp C	pH	cond	gallons			
Bail						
time 1245	17.9	7.23	935	2		
time 1253	17.5	7.27	956	3.25		
time 1300	17.6	7.39	907	6.5		
time						
purge stop time		1300	ORP 130			

0452
 39.57
 56.00
 16.43
 33

Well ID MW-2

Purge start time		Odor			Y <input checked="" type="radio"/>	N <input type="radio"/>
Temp C	pH	cond	gallons			
time 0630	12.1	6.83	802	8		
time 0643	17.4	6.99	821	16		
time 0722	17.0	6.98	821	33		
time						
purge stop time		1.84 DO	ORP 354			

Well ID

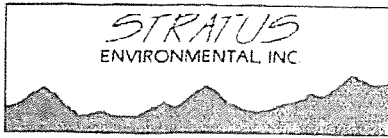
Purge start time		Odor			Y <input type="radio"/>	N <input type="radio"/>
Temp C	pH	cond	gallons			
time						
time						
time						
time						
purge stop time			ORP			

Well ID MW-9

Purge start time		Odor			Y <input checked="" type="radio"/>	N <input type="radio"/>
Temp C	pH	cond	gallons			
Bail						
time 1005	17.6	7.40	700	2		
time 1010	18.1	7.31	760	1.0		
time 1015	Low @ 1.50					
time 1021	18.5	7.29	771	1.5		
purge stop time		1015	ORP 134			

Well ID

Purge start time		Odor			Y <input type="radio"/>	N <input type="radio"/>
Temp C	pH	cond	gallons			
time						
time						
time						
time						
purge stop time			ORP			



Site Address 2008 First Street
 City Livermore
 Sampled By: V. Zalutka
 Signature [Signature]

Site Number B&C Gas
 Project Number 2146-2008-01
 Project PM S. Bittinger
 DATE 1-26-12

Well ID <u>MW-8</u>					Well ID <u>MW-10</u>				
Purge start time <u>0430</u>		Odor Y <input checked="" type="radio"/> N			Purge start time <u>0501</u>		Odor Y <input checked="" type="radio"/> N		
<u>Bail</u>	Temp C	pH	cond	gallons	<u>Bail</u>	Temp C	pH	cond	gallons
time <u>0430</u>	<u>16.5</u>	<u>7.32</u>	<u>862</u>	<u>2</u>	time <u>0501</u>	<u>17.2</u>	<u>7.38</u>	<u>812</u>	<u>2</u>
time <u>0436</u>	<u>17.7</u>	<u>7.13</u>	<u>859</u>	<u>2</u>	time <u>0505</u>	<u>17.7</u>	<u>7.29</u>	<u>802</u>	<u>1.75</u>
time <u>0443</u>	<u>17.8</u>	<u>7.18</u>	<u>858</u>	<u>4</u>	time <u>0512</u>	<u>18.0</u>	<u>7.34</u>	<u>805</u>	<u>2.0</u>
time					time				
purge stop time <u>0443</u>		ORP <u>146</u>			purge stop time <u>0512</u>		ORP <u>147</u>		
Well ID <u>MW-11</u>					Well ID <u>D-2</u>				
Purge start time <u>0530</u>		Odor Y <input checked="" type="radio"/> N			Purge start time <u>0603</u>		Odor Y <input checked="" type="radio"/> N		
<u>Bail</u>	Temp C	pH	cond	gallons	<u>NP</u>	Temp C	pH	cond	gallons
time <u>0530</u>	<u>18.5</u>	<u>7.38</u>	<u>941</u>	<u>2</u>	time <u>0603</u>	<u>18.9</u>	<u>7.72</u>	<u>839</u>	<u>2</u>
time <u>0538</u>	<u>19.3</u>	<u>7.41</u>	<u>942</u>	<u>2</u>	time				
time <u>0547</u>	<u>19.4</u>	<u>7.43</u>	<u>937</u>	<u>4</u>	time				
time					time				
purge stop time <u>0547</u>		ORP <u>157</u>			purge stop time <u>0603</u>		ORP <u>149</u>		
Well ID <u>MW-12</u>					Well ID <u>MW-7</u>				
Purge start time <u>0610</u>		Odor Y <input checked="" type="radio"/> N			Purge start time <u>0650</u>		Odor Y <input checked="" type="radio"/> N		
<u>Bail</u>	Temp C	pH	cond	gallons	<u>Bail</u>	Temp C	pH	cond	gallons
time <u>0610</u>	<u>18.7</u>	<u>7.36</u>	<u>835</u>	<u>2</u>	time <u>0650</u>	<u>18.2</u>	<u>7.43</u>	<u>834</u>	<u>2</u>
time <u>0617</u>	<u>18.5</u>	<u>7.41</u>	<u>835</u>	<u>2</u>	time <u>0656</u>	<u>18.3</u>	<u>7.48</u>	<u>831</u>	<u>2.5</u>
time <u>0625</u>	<u>18.3</u>	<u>7.38</u>	<u>839</u>	<u>4</u>	time <u>0703</u>	<u>18.4</u>	<u>7.50</u>	<u>835</u>	<u>5.0</u>
time					time				
purge stop time <u>0625</u>		ORP <u>156</u>			purge stop time <u>0703</u>		ORP <u>151</u>		
Well ID					Well ID				
Purge start time		Odor Y N			Purge start time		Odor Y N		
	Temp C	pH	cond	gallons		Temp C	pH	cond	gallons
time					time				
time					time				
time					time				
time					time				
purge stop time		ORP			purge stop time		ORP		

APPENDIX B

SAMPLING AND ANALYSES PROCEDURES

SAMPLING AND ANALYSIS PROCEDURES

The sampling and analysis procedures as well as the quality assurance plan are contained in this appendix. The procedures and adherence to the quality assurance plan will provide for consistent and reproducible sampling methods; proper application of analytical methods; accurate and precise analytical results; and finally, these procedures will provide guidelines so that the overall objectives of the monitoring program are achieved.

Ground Water and Liquid-Phase Petroleum Hydrocarbon Depth Assessment

A water/hydrocarbon interface probe is used to assess the liquid-phase petroleum hydrocarbon (LPH) thickness, if present, and a water level indicator is used to measure the ground water depth in monitoring wells that do not contain LPH. Depth to ground water or LPH is measured from a datum point at the top of each monitoring well casing. The datum point is typically a notch cut in the north side of the casing edge. If a water level indicator is used, the tip is subjectively analyzed for hydrocarbon sheen.

Subjective Analysis of Ground Water

Prior to purging, a water sample is collected from the monitoring well for subjective assessment. The sample is retrieved by gently lowering a clean, disposable bailer to approximately one-half the bailer length past the air/liquid interface. The bailer is then retrieved, and the sample contained within the bailer is examined for floating LPH and the appearance of a LPH sheen.

Monitoring Well Purging and Sampling

Monitoring wells are purged using a pump or bailer until pH, temperature, and conductivity of the purge water has stabilized and a minimum of three well volumes of water have been removed. If three well volumes can not be removed in one half hour's time the well is allowed to recharge to 80% of original level. After recharging, a ground water sample is then removed from each of the wells using a disposable bailer.

A Teflon bailer, electric submersible or bladder pump will be the only equipment used for well sampling. When samples for volatile organic analysis are being collected, the pump flow will be regulated at approximately 100 milliliters per minute to minimize pump effluent turbulence and aeration. Glass bottles of at least 40-milliliters volume and fitted with Teflon-lined septa will be used in sampling for volatile organics. These bottles will be filled completely to prevent air from remaining in the bottle. A positive meniscus forms when the bottle is completely full. A convex Teflon septum will be placed over the positive meniscus to eliminate air. After the bottle is capped, it is inverted and tapped to verify that it contains no air bubbles. The sample containers for other parameters will be filled, filtered as required, and capped.

The water sample is collected, labeled, and handled according to the Quality Assurance Plan. Water generated during the monitoring event is disposed of according to regulatory accepted method pertaining to the site.

QUALITY ASSURANCE PLAN

Procedures to provide data quality should be established and documented so that conditions adverse to quality, such as deficiencies, deviations, nonconformants, defective material, services, and/or equipment, can be promptly identified and corrected.

General Sample Collection and Handling Procedures

Proper collection and handling are essential to ensure the quality of a sample. Each sample is collected in a suitable container, preserved correctly for the intended analysis, and stored prior to analysis for no longer than the maximum allowable holding time. Details on the procedures for collection and handling of samples used on this project can be found in this section.

Soil and Water Sample Labeling and Preservation

Label information includes a unique sample identification number, job identification number, date, and time. After labeling all soil and water samples are placed in a Ziploc[®] type bag and placed in an ice chest cooled to approximately 4° Celsius. Upon arriving at Stratus' office the samples are transferred to a locked refrigerator cooled to approximately 4° Celsius. Chemical preservation is controlled by the required analysis and is noted on the chain-of-custody form. Trip blanks supplied by the laboratory accompany the groundwater sample containers and groundwater samples.

Upon recovery, the sample container is sealed to minimize the potential of volatilization and cross-contamination prior to chemical analysis. Soil sampling tubes are typically closed at each end with Teflon[®] sheeting and plastic caps. The sample is then placed in a Ziploc[®] type bag and sealed. The sample is labeled and refrigerated at approximately 4° Celsius for delivery, under strict chain-of-custody, to the analytical laboratory.

Sample Identification and Chain-of-Custody Procedures

Sample identification and chain-of-custody procedures document sample possession from the time of collection to ultimate disposal. Each sample container submitted for analysis has a label affixed to identify the job number, sampler, date and time of sample collection, and a sample number unique to that sample. This information, in addition to a description of the sample, field measurements made, sampling methodology, names of on-site personnel, and any other pertinent field observations, is recorded on the borehole log or in the field records. The samples are analyzed by a California-certified laboratory.

A chain-of-custody form is used to record possession of the sample from time of collection to its arrival at the laboratory. When the samples are shipped, the person in custody of them relinquishes the samples by signing the chain-of-custody form and

noting the time. The sample-control officer at the laboratory verifies sample integrity and confirms that the samples are collected in the proper containers, preserved correctly, and contain adequate volumes for analysis. These conditions are noted on a Laboratory Sample Receipt Checklist that becomes part of the laboratory report upon request.

If these conditions are met, each sample is assigned a unique log number for identification throughout analysis and reporting. The log number is recorded on the chain-of-custody form and in the legally-required log book maintained by the laboratory. The sample description, date received, client's name, and other relevant information is also recorded.

Equipment Cleaning

Sample bottles, caps, and septa used in sampling for volatile and semivolatile organics will be triple rinsed with high-purity deionized water. After being rinsed, sample bottles will be dried overnight at a temperature of 200°C. Sample caps and septa will be dried overnight at a temperature of 60°C. Sample bottles, caps, and septa will be protected from solvent contact between drying and actual use at the sampling site. Sampling containers will be used only once and discarded after analysis is complete.

Plastic bottles and caps used in sampling for metals will be soaked overnight in a 1-percent nitric acid solution. Next, the bottles and caps will be triple rinsed with deionized water. Finally, the bottles and caps will be air dried before being used at the site. Plastic bottles and caps will be constructed of linear polyethylene or polypropylene. Sampling containers will be used only once and discarded after analysis is complete. Glass and plastic bottles used by Stratus to collect groundwater samples are supplied by the laboratory.

Before the sampling event is started, equipment that will be placed in the well or will come in contact with groundwater will be disassembled and cleaned thoroughly with detergent water, and then steam cleaned with deionized water. Any parts that may absorb contaminants, such as plastic pump valves, etc. will be cleaned as described above or replaced.

During field sampling, equipment surfaces that are placed in the well or contact groundwater will be steam cleaned with deionized water before the next well is purged or sampled. Equipment blanks will be collected and analyzed from non-disposable sampling equipment that is used for collecting groundwater samples at the rate of one blank per twenty samples collected.

Internal Quality Assurance Checks

Internal quality assurance procedures are designed to provide reliability of monitoring and measurement of data. Both field and laboratory quality assurance checks are necessary to evaluate the reliability of sampling and analysis results. Internal quality assurance procedures generally include:

- Laboratory Quality Assurance

- Documentation of instrument performance checks
- Documentation of instrument calibration
- Documentation of the traceability of instrument standards, samples, and data
- Documentation of analytical and QC methodology (QC methodology includes use of spiked samples, duplicate samples, split samples, use of reference blanks, and check standards to check method accuracy and precision)

- Field Quality Assurance

- Documentation of sample preservation and transportation
- Documentation of field instrument calibration and irregularities in performance

Internal laboratory quality assurance checks will be the responsibility of the contract laboratories. Data and reports submitted by field personnel and the contract laboratory will be reviewed and maintained in the project files.

Types of Quality Control Checks

Samples are analyzed using analytical methods outlined in EPA Manual SW 846 and approved by the California Regional Water Quality Control Board-Central Valley Region in the Leaking Underground Fuel Tanks (LUFT) manual and appendices. Standard contract laboratory quality control may include analysis or use of the following:

- Method blanks – reagent water used to prepare calibration standards, spike solutions, etc. is analyzed in the same manner as the sample to demonstrate that analytical interferences are under control.
- Matrix spiked samples – a known amount of spike solution containing selected constituents is added to the sample at concentrations at which the accuracy of the analytical method is to satisfactorily monitor and evaluate laboratory data quality.
- Split samples – a sample is split into two separate aliquots before analysis to assess the reproducibility of the analysis.
- Surrogate samples – samples are spiked with surrogate constituents at known concentrations to monitor both the performance of the analytical system and the effectiveness of the method in dealing with the sample matrix.
- Control charts – graphical presentation of spike or split sample results used to track the accuracy or precision of the analysis.
- Quality control check samples – when spiked sample analysis indicates atypical instrument performance, a quality check sample, which is prepared independently of the calibration standards and contains the constituents of interest, is analyzed to confirm that measurements were performed accurately.

- Calibration standards and devices – traceable standards or devices to set instrument response so that sample analysis results represent the absolute concentration of the constituent.

Field QA samples will be collected to assess sample handling procedures and conditions. Standard field quality control may include the use of the following, and will be collected and analyzed as outlined in EPA Manual SW 846.

- Field blanks – reagent water samples are prepared at the sampling location by the same procedure used to collect field groundwater samples and analyzed with the groundwater samples to assess the impact of sampling techniques on data quality. Typically, one field blank per twenty groundwater samples collected will be analyzed per sampling event.
- Field replicates – duplicate or triplicate samples are collected and analyzed to assess the reproducibility of the analytical data. One replicate groundwater sample per twenty samples collected will be analyzed per sampling event, unless otherwise specified. Triplicate samples will be collected only when specific conditions warrant and generally are sent to an alternate laboratory to confirm the accuracy of the routinely used laboratory.
- Trip blanks – reagent water samples are prepared before field work, transported and stored with the samples and analyzed to assess the impact of sample transport and storage for data quality. In the event that any analyte is detected in the field blank, a trip blank will be included in the subsequent groundwater sampling event.

Data reliability will be evaluated by the certified laboratory and reported on a cover sheet attached to the laboratory data report. Analytical data resulting from the testing of field or trip blanks will be included in the laboratory's report. Results from matrix spike, surrogate, and method blank testing will be reported, along with a statement of whether the samples were analyzed within the appropriate holding time.

Stratus will evaluate the laboratory's report on data reliability and note significant QC results that may make the data biased or unacceptable. Data viability will be performed as outlined in EPA Manual SW 846. If biased or unacceptable data is noted, corrective actions (including re-sample/re-analyze, etc.) will be evaluated on a site-specific basis.

APPENDIX C

**LABORATORY ANALYTICAL REPORTS AND
CHAIN-OF-CUSTODY DOCUMENTATION**



Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778
(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

ANALYTICAL REPORT

Stratus Environmental
3330 Cameron Park Drive
Cameron Park, CA 956828861

Attn: Scott Bittinger
Phone: (530) 676-2062
Fax: (530) 676-6005
Date Received : 01/27/12

Job: B & C Gas

Total Petroleum Hydrocarbons - Purgeable (TPH-P) EPA Method SW8015B
Volatile Organic Compounds (VOCs) EPA Method SW8260B

	Parameter	Concentration	Reporting Limit	Date Extracted	Date Analyzed
Client ID :	MW-8				
Lab ID :	STR12012704-01A	TPH-P (GRO)	ND	50 µg/L	01/30/12
Date Sampled	01/26/12 04:43	Tertiary Butyl Alcohol (TBA)	ND	10 µg/L	01/30/12
		Methyl tert-butyl ether (MTBE)	ND	0.50 µg/L	01/30/12
		Benzene	ND	0.50 µg/L	01/30/12
		Toluene	ND	0.50 µg/L	01/30/12
		Ethylbenzene	ND	0.50 µg/L	01/30/12
		m,p-Xylene	ND	0.50 µg/L	01/30/12
		o-Xylene	ND	0.50 µg/L	01/30/12
Client ID :	MW-10				
Lab ID :	STR12012704-02A	TPH-P (GRO)	ND	50 µg/L	01/30/12
Date Sampled	01/26/12 05:12	Tertiary Butyl Alcohol (TBA)	ND	10 µg/L	01/30/12
		Methyl tert-butyl ether (MTBE)	ND	0.50 µg/L	01/30/12
		Benzene	ND	0.50 µg/L	01/30/12
		Toluene	ND	0.50 µg/L	01/30/12
		Ethylbenzene	ND	0.50 µg/L	01/30/12
		m,p-Xylene	ND	0.50 µg/L	01/30/12
		o-Xylene	ND	0.50 µg/L	01/30/12
Client ID :	MW-11				
Lab ID :	STR12012704-03A	TPH-P (GRO)	ND	50 µg/L	01/30/12
Date Sampled	01/26/12 05:47	Tertiary Butyl Alcohol (TBA)	ND	10 µg/L	01/30/12
		Methyl tert-butyl ether (MTBE)	ND	0.50 µg/L	01/30/12
		Benzene	9.0	0.50 µg/L	01/30/12
		Toluene	ND	0.50 µg/L	01/30/12
		Ethylbenzene	ND	0.50 µg/L	01/30/12
		m,p-Xylenc	ND	0.50 µg/L	01/30/12
		o-Xylene	ND	0.50 µg/L	01/30/12
Client ID :	MW-12				
Lab ID :	STR12012704-04A	TPH-P (GRO)	ND	50 µg/L	01/30/12
Date Sampled	01/26/12 06:25	Tertiary Butyl Alcohol (TBA)	ND	10 µg/L	01/30/12
		Methyl tert-butyl ether (MTBE)	ND	0.50 µg/L	01/30/12
		Benzene	ND	0.50 µg/L	01/30/12
		Toluene	ND	0.50 µg/L	01/30/12
		Ethylbenzene	ND	0.50 µg/L	01/30/12
		m,p-Xylene	ND	0.50 µg/L	01/30/12
		o-Xylene	ND	0.50 µg/L	01/30/12



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ANALYTICAL REPORT

Stratus Environmental
3330 Cameron Park Drive
Cameron Park, CA 956828861

Attn: Scott Bittinger
Phone: (530) 676-2062
Fax: (530) 676-6005
Date Received : 01/26/12

Job: B & C Gas

Total Petroleum Hydrocarbons - Purgeable (TPH-P) EPA Method SW8015B
Volatile Organic Compounds (VOCs) EPA Method SW8260B

	Parameter	Concentration	Reporting Limit	Date Extracted	Date Analyzed
Client ID :	MW-2				
Lab ID :	STR12012602-01A	TPH-P (GRO)	210	50 µg/L	01/30/12
Date Sampled	01/25/12 07:31	Tertiary Butyl Alcohol (TBA)	ND	10 µg/L	01/30/12
		Methyl tert-butyl ether (MTBE)	ND	0.50 µg/L	01/30/12
		Benzene	5.5	0.50 µg/L	01/30/12
		Toluene	ND	0.50 µg/L	01/30/12
		Ethylbenzene	ND	0.50 µg/L	01/30/12
		m,p-Xylene	ND	0.50 µg/L	01/30/12
		o-Xylene	ND	0.50 µg/L	01/30/12
Client ID :	MW-4				
Lab ID :	STR12012602-02A	TPH-P (GRO)	ND	50 µg/L	01/30/12
Date Sampled	01/25/12 07:23	Tertiary Butyl Alcohol (TBA)	ND	10 µg/L	01/30/12
		Methyl tert-butyl ether (MTBE)	ND	0.50 µg/L	01/30/12
		Benzene	ND	0.50 µg/L	01/30/12
		Toluene	ND	0.50 µg/L	01/30/12
		Ethylbenzene	ND	0.50 µg/L	01/30/12
		m,p-Xylene	ND	0.50 µg/L	01/30/12
		o-Xylene	ND	0.50 µg/L	01/30/12
Client ID :	MW-13				
Lab ID :	STR12012602-03A	TPH-P (GRO)	170	50 µg/L	01/30/12
Date Sampled	01/25/12 13:00	Tertiary Butyl Alcohol (TBA)	ND	10 µg/L	01/30/12
		Methyl tert-butyl ether (MTBE)	13	0.50 µg/L	01/30/12
		Benzene	ND	0.50 µg/L	01/30/12
		Toluene	ND	0.50 µg/L	01/30/12
		Ethylbenzene	ND	0.50 µg/L	01/30/12
		m,p-Xylene	ND	0.50 µg/L	01/30/12
		o-Xylene	ND	0.50 µg/L	01/30/12
Client ID :	CMT-2-Z1				
Lab ID :	STR12012602-04A	TPH-P (GRO)	ND	50 µg/L	01/30/12
Date Sampled	01/25/12 12:13	Tertiary Butyl Alcohol (TBA)	ND	10 µg/L	01/30/12
		Methyl tert-butyl ether (MTBE)	ND	0.50 µg/L	01/30/12
		Benzene	ND	0.50 µg/L	01/30/12
		Toluene	ND	0.50 µg/L	01/30/12
		Ethylbenzene	ND	0.50 µg/L	01/30/12
		m,p-Xylene	ND	0.50 µg/L	01/30/12
		o-Xylene	ND	0.50 µg/L	01/30/12



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Client ID :	MW-9					
Lab ID :	STR12012602-05A	TPH-P (GRO)	ND	50 µg/L	01/30/12	01/30/12
Date Sampled	01/25/12 10:21	Tertiary Butyl Alcohol (TBA)	ND	10 µg/L	01/30/12	01/30/12
		Methyl tert-butyl ether (MTBE)	ND	0.50 µg/L	01/30/12	01/30/12
		Benzene	ND	0.50 µg/L	01/30/12	01/30/12
		Toluene	ND	0.50 µg/L	01/30/12	01/30/12
		Ethylbenzene	ND	0.50 µg/L	01/30/12	01/30/12
		m,p-Xylene	ND	0.50 µg/L	01/30/12	01/30/12
		o-Xylene	ND	0.50 µg/L	01/30/12	01/30/12
Client ID :	MW-3					
Lab ID :	STR12012602-06A	TPH-P (GRO)	600	50 µg/L	01/30/12	01/30/12
Date Sampled	01/25/12 07:07	Tertiary Butyl Alcohol (TBA)	ND	10 µg/L	01/30/12	01/30/12
		Methyl tert-butyl ether (MTBE)	8.7	0.50 µg/L	01/30/12	01/30/12
		Benzene	19	0.50 µg/L	01/30/12	01/30/12
		Toluene	ND	0.50 µg/L	01/30/12	01/30/12
		Ethylbenzene	2.3	0.50 µg/L	01/30/12	01/30/12
		m,p-Xylene	0.82	0.50 µg/L	01/30/12	01/30/12
		o-Xylene	ND	0.50 µg/L	01/30/12	01/30/12

Gasoline Range Organics (GRO) C4-C13

ND = Not Detected

Reported in micrograms per Liter, per client request.

Roger Scholl

Randy Gardner

Walter Hinchman

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Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / Carson, CA • (714) 386-2901 / info@alpha-analytical.com

Alpha Analytical, Inc. certifies that the test results meet all requirements of NELAC unless footnoted otherwise.

Statement of Data Authenticity: Alpha Analytical, Inc. attests that the data reported has not been altered in any way.

Alpha Analytical, Inc. currently holds appropriate and available California (#2019) and NELAC (01154CA) certifications for the data reported. Test results relate only to reported samples.

PS

2/2/12

Report Date



Alpha Analytical, Inc.

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Client ID :	D-2					
Lab ID :	STR12012704-05A	TPH-P (GRO)	ND	50 µg/L	01/30/12	01/30/12
Date Sampled	01/26/12 06:03	Tertiary Butyl Alcohol (TBA)	ND	10 µg/L	01/30/12	01/30/12
		Methyl tert-butyl ether (MTBE)	ND	0.50 µg/L	01/30/12	01/30/12
		Benzene	ND	0.50 µg/L	01/30/12	01/30/12
		Toluene	ND	0.50 µg/L	01/30/12	01/30/12
		Ethylbenzene	ND	0.50 µg/L	01/30/12	01/30/12
		m,p-Xylene	ND	0.50 µg/L	01/30/12	01/30/12
		o-Xylene	ND	0.50 µg/L	01/30/12	01/30/12
Client ID :	MW-7					
Lab ID :	STR12012704-06A	TPH-P (GRO)	ND	50 µg/L	01/30/12	01/30/12
Date Sampled	01/26/12 07:03	Tertiary Butyl Alcohol (TBA)	ND	10 µg/L	01/30/12	01/30/12
		Methyl tert-butyl ether (MTBE)	ND	0.50 µg/L	01/30/12	01/30/12
		Benzene	ND	0.50 µg/L	01/30/12	01/30/12
		Toluene	ND	0.50 µg/L	01/30/12	01/30/12
		Ethylbenzene	ND	0.50 µg/L	01/30/12	01/30/12
		m,p-Xylene	ND	0.50 µg/L	01/30/12	01/30/12
		o-Xylene	ND	0.50 µg/L	01/30/12	01/30/12

Gasoline Range Organics (GRO) C4-C13

ND = Not Detected

Reported in micrograms per Liter, per client request.

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Randy Gardner

Walter Hinchman

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2/3/12

Report Date



Alpha Analytical, Inc.

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(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

ANALYTICAL REPORT

Stratus Environmental
3330 Cameron Park Drive
Cameron Park, CA 956828861

Attn: Scott Bittinger
Phone: (530) 676-2062
Fax: (530) 676-6005
Date Received : 01/26/12

Job: B & C Gas

Anions by IC
EPA Method 300.0

Parameter	Concentration	Reporting Limit	Date Extracted	Date Analyzed
Client ID: MW-2				
Lab ID : STR12012602-01A Nitrate (NO3) - N	1,600	250 µg/L	01/26/12 10:23	01/26/12 19:18
Date Sampled 01/25/12 07:31 Sulfate (SO4)	53,000	500 µg/L	01/26/12 10:23	01/26/12 19:18
Client ID: MW-4				
Lab ID : STR12012602-02A Nitrate (NO3) - N	5,200	250 µg/L	01/26/12 10:23	01/26/12 19:36
Date Sampled 01/25/12 07:23 Sulfate (SO4)	58,000	500 µg/L	01/26/12 10:23	01/26/12 19:36
Client ID: MW-13				
Lab ID : STR12012602-03A Nitrate (NO3) - N	410	250 µg/L	01/26/12 10:23	01/26/12 19:55
Date Sampled 01/25/12 13:00 Sulfate (SO4)	34,000	500 µg/L	01/26/12 10:23	01/26/12 19:55
Client ID: CMT-2-Z1				
Lab ID : STR12012602-04A Nitrate (NO3) - N	1,300	250 µg/L	01/26/12 10:23	01/26/12 20:13
Date Sampled 01/25/12 12:13 Sulfate (SO4)	41,000	500 µg/L	01/26/12 10:23	01/26/12 20:13

Reported in micrograms per Liter, per client request.

Roger Scholl *Randy Gardner* *Walter Hinchman*

Roger L. Scholl, Ph.D., Laboratory Director • Randy Gardner, Laboratory Manager • Walter Hinchman, Quality Assurance Officer
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2/27/12

Report Date



Alpha Analytical, Inc.

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ANALYTICAL REPORT

Stratus Environmental
3330 Cameron Park Drive
Cameron Park, CA 956828861

Attn: Scott Bittinger
Phone: (530) 676-2062
Fax: (530) 676-6005
Date Received : 01/26/12

Job: B & C Gas

Alkalinity
SM2320B

Parameter	Concentration	Reporting Limit	Date Extracted	Date Analyzed
Client ID: MW-2				
Lab ID : STR12012602-01A	Alkalinity, Total (As CaCO3 at pH 4.5)	370,000	10,000 µg/L	01/27/12
Date Sampled 01/25/12 07:31				
Client ID: MW-4				
Lab ID : STR12012602-02A	Alkalinity, Total (As CaCO3 at pH 4.5)	320,000	10,000 µg/L	01/27/12
Date Sampled 01/25/12 07:23				
Client ID: MW-13				
Lab ID : STR12012602-03A	Alkalinity, Total (As CaCO3 at pH 4.5)	380,000	10,000 µg/L	01/27/12
Date Sampled 01/25/12 13:00				
Client ID: CMT-2-Z1				
Lab ID : STR12012602-04A	Alkalinity, Total (As CaCO3 at pH 4.5)	370,000	10,000 µg/L	01/27/12
Date Sampled 01/25/12 12:13				

Reported in micrograms per Liter, per client request.

Roger Scholl *Randy Gardner* *Walter Hinchman*

Roger L. Scholl, Ph.D., Laboratory Director • Randy Gardner, Laboratory Manager • Walter Hinchman, Quality Assurance Officer
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2/2/12

Report Date



Alpha Analytical, Inc.

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ANALYTICAL REPORT

Stratus Environmental
3330 Cameron Park Drive
Cameron Park, CA 956828861

Attn: Scott Bittinger
Phone: (530) 676-2062
Fax: (530) 676-6005
Date Received : 01/26/12

Job: B & C Gas

Dissolved Metals by ICPMS EPA Method 200.8

Parameter	Concentration	Reporting Limit	Date Extracted	Date Analyzed
Client ID: MW-2				
Lab ID : STR12012602-01A	Manganese (Mn), Dissolved	620	5.0 µg/L	01/27/12
Date Sampled 01/25/12 07:31	Iron (Fe), Dissolved	ND	300 µg/L	01/27/12
Client ID: MW-4				
Lab ID : STR12012602-02A	Manganese (Mn), Dissolved	ND	5.0 µg/L	01/27/12
Date Sampled 01/25/12 07:23	Iron (Fe), Dissolved	ND	300 µg/L	01/27/12
Client ID: MW-13				
Lab ID : STR12012602-03A	Manganese (Mn), Dissolved	510	5.0 µg/L	01/27/12
Date Sampled 01/25/12 13:00	Lead (Pb), Dissolved	ND	5.0 µg/L	01/27/12
Client ID: CMT-2-Z1				
Lab ID : STR12012602-04A	Manganese (Mn), Dissolved	ND	5.0 µg/L	01/27/12
Date Sampled 01/25/12 12:13	Iron (Fe), Dissolved	ND	300 µg/L	01/27/12

ND = Not Detected
Reported in micrograms per Liter, per client request.

Roger Scholl *Randy Gardner* *Walter Hinchman*

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
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[Signature]
2/2/12

Report Date



Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778
(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

VOC Sample Preservation Report

Work Order: STR12012704

Job: B & C Gas

Alpha's Sample ID	Client's Sample ID	Matrix	pH
12012704-01A	MW-8	Aqueous	2
12012704-02A	MW-10	Aqueous	2
12012704-03A	MW-11	Aqueous	2
12012704-04A	MW-12	Aqueous	2
12012704-05A	D-2	Aqueous	2
12012704-06A	MW-7	Aqueous	2

2/3/12
Report Date

Page 1 of 1



Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778
(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

Date:
31-Jan-12

QC Summary Report

Work Order:
12012704

Method Blank

Type **MBLK** Test Code: **EPA Method SW8015B/C**

File ID: **12013005.D**

Batch ID: **MS09W0130B**

Analysis Date: **01/30/2012 11:53**

Sample ID: **MBLK MS09W0130B**

Units : **µg/L**

Run ID: **MSD_09_120130A**

Prep Date: **01/30/2012 11:53**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	ND	50								
Surr: 1,2-Dichloroethane-d4	9		10		90	70	130			
Surr: Toluene-d8	10.9		10		109	70	130			
Surr: 4-Bromofluorobenzene	11.2		10		112	70	130			

Laboratory Control Spike

Type **LCS** Test Code: **EPA Method SW8015B/C**

File ID: **12013004.D**

Batch ID: **MS09W0130B**

Analysis Date: **01/30/2012 11:29**

Sample ID: **GLCS MS09W0130B**

Units : **µg/L**

Run ID: **MSD_09_120130A**

Prep Date: **01/30/2012 11:29**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	442	50	400		110	70	130			
Surr: 1,2-Dichloroethane-d4	9.25		10		93	70	130			
Surr: Toluene-d8	10.6		10		106	70	130			
Surr: 4-Bromofluorobenzene	10.8		10		108	70	130			

Sample Matrix Spike

Type **MS** Test Code: **EPA Method SW8015B/C**

File ID: **12013019.D**

Batch ID: **MS09W0130B**

Analysis Date: **01/30/2012 17:18**

Sample ID: **12012704-01AGS**

Units : **µg/L**

Run ID: **MSD_09_120130A**

Prep Date: **01/30/2012 17:18**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	2310	250	2000		0 115	51	144			
Surr: 1,2-Dichloroethane-d4	46.1		50		92	70	130			
Surr: Toluene-d8	54.6		50		109	70	130			
Surr: 4-Bromofluorobenzene	53		50		106	70	130			

Sample Matrix Spike Duplicate

Type **MSD** Test Code: **EPA Method SW8015B/C**

File ID: **12013020.D**

Batch ID: **MS09W0130B**

Analysis Date: **01/30/2012 17:40**

Sample ID: **12012704-01AGSD**

Units : **µg/L**

Run ID: **MSD_09_120130A**

Prep Date: **01/30/2012 17:40**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	2240	250	2000		0 112	51	144	2309	3.0(29)	
Surr: 1,2-Dichloroethane-d4	43.7		50		87	70	130			
Surr: Toluene-d8	55.7		50		111	70	130			
Surr: 4-Bromofluorobenzene	55.4		50		111	70	130			

Comments:

Calculations are based off of raw (non-rounded) data. However, for reporting purposes, all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778
(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

Date:
31-Jan-12

QC Summary Report

Work Order:
12012704

Method Blank

Type **MBLK** Test Code: **EPA Method SW8260B**

File ID: **12013005.D**

Batch ID: **MS09W0130A**

Analysis Date: **01/30/2012 11:53**

Sample ID: **MBLK MS09W0130A**

Units : **µg/L**

Run ID: **MSD_09_120130A**

Prep Date: **01/30/2012 11:53**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Tertiary Butyl Alcohol (TBA)	ND	10								
Methyl tert-butyl ether (MTBE)	ND	0.5								
Benzene	ND	0.5								
Toluene	ND	0.5								
Ethylbenzene	ND	0.5								
m,p-Xylene	ND	0.5								
o-Xylene	ND	0.5								
Surr: 1,2-Dichloroethane-d4	9		10		90	70	130			
Surr: Toluene-d8	10.9		10		109	70	130			
Surr: 4-Bromofluorobenzene	11.2		10		112	70	130			

Laboratory Control Spike

Type **LCS** Test Code: **EPA Method SW8260B**

File ID: **12013003.D**

Batch ID: **MS09W0130A**

Analysis Date: **01/30/2012 11:05**

Sample ID: **LCS MS09W0130A**

Units : **µg/L**

Run ID: **MSD_09_120130A**

Prep Date: **01/30/2012 11:05**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methyl tert-butyl ether (MTBE)	9.14	0.5	10		91	65	140			
Benzene	10	0.5	10		100	70	130			
Toluene	10.4	0.5	10		104	80	120			
Ethylbenzene	10.3	0.5	10		103	80	120			
m,p-Xylene	10.4	0.5	10		104	70	130			
o-Xylene	10.4	0.5	10		104	70	130			
Surr: 1,2-Dichloroethane-d4	10		10		100	70	130			
Surr: Toluene-d8	10.3		10		103	70	130			
Surr: 4-Bromofluorobenzene	9.89		10		99	70	130			

Sample Matrix Spike

Type **MS** Test Code: **EPA Method SW8260B**

File ID: **12013017.D**

Batch ID: **MS09W0130A**

Analysis Date: **01/30/2012 16:32**

Sample ID: **12012704-01AMS**

Units : **µg/L**

Run ID: **MSD_09_120130A**

Prep Date: **01/30/2012 16:32**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methyl tert-butyl ether (MTBE)	47.8	1.3	50	0	96	47	150			
Benzene	54.5	1.3	50	0	109	59	138			
Toluene	55.9	1.3	50	0	112	68	130			
Ethylbenzene	56.8	1.3	50	0	114	68	130			
m,p-Xylene	56.8	1.3	50	0	114	68	131			
o-Xylene	57.3	1.3	50	0	115	70	130			
Surr: 1,2-Dichloroethane-d4	50.5		50		101	70	130			
Surr: Toluene-d8	49.9		50		99.8	70	130			
Surr: 4-Bromofluorobenzene	48.3		50		97	70	130			

Sample Matrix Spike Duplicate

Type **MSD** Test Code: **EPA Method SW8260B**

File ID: **12013018.D**

Batch ID: **MS09W0130A**

Analysis Date: **01/30/2012 16:54**

Sample ID: **12012704-01AMSD**

Units : **µg/L**

Run ID: **MSD_09_120130A**

Prep Date: **01/30/2012 16:54**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methyl tert-butyl ether (MTBE)	45.9	1.3	50	0	92	47	150	47.8	4.0(40)	
Benzene	50.1	1.3	50	0	100	59	138	54.48	8.5(21)	
Toluene	51.7	1.3	50	0	103	68	130	55.87	7.7(20)	
Ethylbenzene	51.1	1.3	50	0	102	68	130	56.79	10.6(20)	
m,p-Xylene	50.9	1.3	50	0	102	68	131	56.83	11.0(20)	
o-Xylene	51.6	1.3	50	0	103	70	130	57.29	10.5(20)	
Surr: 1,2-Dichloroethane-d4	49.2		50		98	70	130			
Surr: Toluene-d8	51.6		50		103	70	130			
Surr: 4-Bromofluorobenzene	48.6		50		97	70	130			



Alpha Analytical, Inc.

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Date:
31-Jan-12

QC Summary Report

Work Order:
12012704

Comments:

Calculations are based off of raw (non-rounded) data. However, for reporting purposes, all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

CHAIN-OF-CUSTODY RECORD

Alpha Analytical, Inc.
 255 Glendale Avenue, Suite 21 Sparks, Nevada 89431-5778
 TEL: (775) 355-1044 FAX: (775) 355-0406

CA

WorkOrder : STR12012704
 Report Due By : 5:00 PM On : 03-Feb-12

Client:
 Stratus Environmental
 3330 Cameron Park Drive
 Suite 550
 Cameron Park, CA 95682-8861

Report Attention	Phone Number	EEmail Address
Scott Bittinger	(530) 676-2062 x	sbittinger@stratusinc.net

EDD Required : Yes

Sampled by : Vince Z.

PO :
 Client's COC # : 57488 Job : B & C Gas

Cooler Temp	Samples Received	Date Printed
0 °C	27-Jan-12	27-Jan-12

QC Level : S3 = Final Rpt, MBLK, LCS, MS/MSD With Surrogates

Alpha Sample ID	Client Sample ID	Collection Matrix	Collection Date	No. of Bottles			Requested Tests						Sample Remarks		
				Alpha	Sub	TAT	TPHP_W	VOC_W							
STR12012704-01A	MW-8	AQ	01/26/12 04:43	4	0	5	GAS-C	BTXE/MTBE /TBA_C							
STR12012704-02A	MW-10	AQ	01/26/12 05:12	4	0	5	GAS-C	BTXE/MTBE /TBA_C							
STR12012704-03A	MW-11	AQ	01/26/12 05:47	4	0	5	GAS-C	BTXE/MTBE /TBA_C							
STR12012704-04A	MW-12	AQ	01/26/12 06:25	4	0	5	GAS-C	BTXE/MTBE /TBA_C							
STR12012704-05A	D-2	AQ	01/26/12 06:03	4	0	5	GAS-C	BTXE/MTBE /TBA_C							
STR12012704-06A	MW-7	AQ	01/26/12 07:03	4	0	5	GAS-C	BTXE/MTBE /TBA_C							

Comments: Security seals intact. Frozen ice. :

Logged in by:	 Signature	Sarah Nem Print Name	Alpha Analytical, Inc. Company	1/27/12 10:35 Date/Time
---------------	---------------	-------------------------	-----------------------------------	----------------------------

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for the report.
 Matrix Type : AQ(Aqueous) AR(Air) SO(Soil) WS(Waste) DW(Drinking Water) OT(Other) Bottle Type: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other

Billing Information:

Company Name STRATUS ENV.
 Attn: Scott
 Address 3330 Cameron Park Dr #550
 City, State, Zip Cameron Park CA
 Phone Number 530-676-6004 Fax 530-676-2005



Alpha Analytical, Inc.
 255 Glendale Avenue, Suite 21
 Sparks, Nevada 89431-5778
 Phone (775) 355-1044
 Fax (775) 355-0406

Samples Collected From Which State?
 AZ ___ CA NV ___ WA ___ DOD Site ___
 ID ___ OR ___ OTHER ___ Page # 1 of 1

Consultant / Client Name		Job #		Job Name		Analyses Required				Data Validation Level: III or IV					
B & C Gas				Report Attention / Project Manager		GRO	BTEX	MTBE	TBA	EDD / EDF? YES <input checked="" type="checkbox"/> NO ___					
Address <u>2008 1st St</u>		Name: <u>Scott B.</u>		Email: _____						Global ID # <u>70600100930</u>		REMARKS			
City, State, Zip <u>Livermore CA</u>		Phone: _____ Mobile: _____													
Time Sampled	Date Sampled	Matrix* See Key Below	P.O. #	Lab ID Number	Office (Use Only)	Sample Description	TAT	Field Filtered	# Containers**						
0443	0126	AQ	STR12012704-01A			MW-8	std		4V	X	X	X	X		
0512						MW-10									
0547						MW-11									
0625						MW-12									
0623						D-2									
0723	0126					MW-7				X	X	X	X		

ADDITIONAL INSTRUCTIONS:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled By: [Signature]

Relinquished by: (Signature/Affiliation) <u>[Signature]</u>	Received by: (Signature/Affiliation) <u>[Signature]</u>	Date: <u>1-26-12</u>	Time: <u>1015</u>
Relinquished by: (Signature/Affiliation)	Received by: (Signature/Affiliation) <u>Alpha</u>	Date: <u>1/27/12</u>	Time: <u>10:35</u>
Relinquished by: (Signature/Affiliation)	Received by: (Signature/Affiliation)	Date:	Time:

*Key: AQ - Aqueous SO - Soil WA - Waste OT - Other AR - Air **: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other
NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this coc. The liability of the laboratory is limited to the amount paid for the report.



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VOC Sample Preservation Report

Work Order: STR12012602

Job: B & C Gas

Alpha's Sample ID	Client's Sample ID	Matrix	pH
12012602-01A	MW-2	Aqueous	2
12012602-02A	MW-4	Aqueous	2
12012602-03A	MW-13	Aqueous	2
12012602-04A	CMT-2-Z1	Aqueous	2
12012602-05A	MW-9	Aqueous	2
12012602-06A	MW-3	Aqueous	2

2/2/12
Report Date



Alpha Analytical, Inc.

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Date:
01-Feb-12

QC Summary Report

Work Order:
12012602

Method Blank

Type: **MBLK** Test Code: **EPA Method 300.0**

File ID: **28**

Batch ID: **28087**

Analysis Date: **01/26/2012 11:35**

Sample ID: **MB-28087**

Units: **µg/L**

Run ID: **IC_1_120126A**

Prep Date: **01/26/2012 10:23**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Nitrate (NO3) - N	ND	250								
Sulfate (SO4)	ND	500								

Laboratory Fortified Blank

Type: **LFB** Test Code: **EPA Method 300.0**

File ID: **29**

Batch ID: **28087**

Analysis Date: **01/26/2012 11:53**

Sample ID: **LFB-28087**

Units: **µg/L**

Run ID: **IC_1_120126A**

Prep Date: **01/26/2012 10:23**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Nitrate (NO3) - N	5260	250	5000		105	90	110			
Sulfate (SO4)	101000	500	100000		101	90	110			

Sample Matrix Spike

Type: **LFM** Test Code: **EPA Method 300.0**

File ID: **33**

Batch ID: **28087**

Analysis Date: **01/26/2012 13:07**

Sample ID: **12012642-01ALFM**

Units: **µg/L**

Run ID: **IC_1_120126A**

Prep Date: **01/26/2012 10:23**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Nitrate (NO3) - N	27300	630	25000	0	109	80	120			
Sulfate (SO4)	536000	1300	500000	42450	99	80	120			

Sample Matrix Spike Duplicate

Type: **LFMD** Test Code: **EPA Method 300.0**

File ID: **34**

Batch ID: **28087**

Analysis Date: **01/26/2012 13:26**

Sample ID: **12012642-01ALFMD**

Units: **µg/L**

Run ID: **IC_1_120126A**

Prep Date: **01/26/2012 10:23**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Nitrate (NO3) - N	27300	630	25000	0	109	80	120	27300	0.1(15)	
Sulfate (SO4)	539000	1300	500000	42450	99	80	120	536500	0.4(15)	

Comments:

Calculations are based off of raw (non-rounded) data. However, for reporting purposes, all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Reported in micrograms per Liter, per client request.



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Date:
27-Jan-12

QC Summary Report

Work Order:
12012602

Laboratory Control Spike

Type: **LCS** Test Code: **SM2320B**

File ID:

Batch ID: **W0127AL**

Analysis Date: **01/27/2012 08:42**

Sample ID: **LCS-W0127AL**

Units : **µg/L**

Run ID: **WETLAB_120127A**

Prep Date: **01/27/2012 08:42**

Analyte

Result

PQL

SpkVal

SpkRefVal

%REC

LCL(ME)

UCL(ME)

RPDRefVal

%RPD(Limit) Qual

Alkalinity, Total (As CaCO₃ at pH 4.5)

274000

10000

250000

109

80

120

Comments:

Calculations are based off of raw (non-rounded) data. However, for reporting purposes, all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Alpha Analytical, Inc.

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Date:
01-Feb-12

QC Summary Report

Work Order:
12012602

Method Blank

Type: **MBLK** Test Code: **EPA Method 200.8**

File ID: **012612.B\163_M.D**

Batch ID: **28096**

Analysis Date: **01/27/2012 13:42**

Sample ID: **MB-28096**

Units: **µg/L**

Run ID: **ICP/MS_120127D**

Prep Date: **01/27/2012 08:46**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Manganese (Mn), Dissolved	ND	5								
Iron (Fe), Dissolved	ND	300								
Lead (Pb), Dissolved	ND	5								

Laboratory Control Spike

Type: **LCS** Test Code: **EPA Method 200.8**

File ID: **012612.B\164_M.D**

Batch ID: **28096**

Analysis Date: **01/27/2012 13:48**

Sample ID: **LCS-28096**

Units: **µg/L**

Run ID: **ICP/MS_120127D**

Prep Date: **01/27/2012 08:46**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Manganese (Mn), Dissolved	47.4	5	50		95	80	120			
Iron (Fe), Dissolved	4960	300	5000		99	80	120			
Lead (Pb), Dissolved	49.2	5	50		98	80	120			

Sample Matrix Spike

Type: **MS** Test Code: **EPA Method 200.8**

File ID: **012612.B\186_M.D**

Batch ID: **28096**

Analysis Date: **01/27/2012 17:03**

Sample ID: **12012602-01AMS**

Units: **µg/L**

Run ID: **ICP/MS_120127D**

Prep Date: **01/27/2012 08:46**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Manganese (Mn), Dissolved	679	5	50	624.3	110	75	125			
Iron (Fe), Dissolved	5040	300	5000	0	101	75	125			
Lead (Pb), Dissolved	52.5	5	50	0	105	75	125			

Sample Matrix Spike Duplicate

Type: **MSD** Test Code: **EPA Method 200.8**

File ID: **012612.B\187_M.D**

Batch ID: **28096**

Analysis Date: **01/27/2012 17:09**

Sample ID: **12012602-01AMSD**

Units: **µg/L**

Run ID: **ICP/MS_120127D**

Prep Date: **01/27/2012 08:46**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Manganese (Mn), Dissolved	671	5	50	624.3	94	75	125	679.4	1.2(20)	
Iron (Fe), Dissolved	4820	300	5000	0	96	75	125	5039	4.5(20)	
Lead (Pb), Dissolved	50.3	5	50	0	101	75	125	52.45	4.2(20)	

Comments:

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Reported in micrograms per Liter, per client request.



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Date:
31-Jan-12

QC Summary Report

Work Order:
12012602

Method Blank

Type **MBLK** Test Code: **EPA Method SW8015B/C**

File ID: **12013005.D**

Batch ID: **MS09W0130B**

Analysis Date: **01/30/2012 11:53**

Sample ID: **MBLK MS09W0130B**

Units : **µg/L**

Run ID: **MSD_09_120130A**

Prep Date: **01/30/2012 11:53**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	ND	50								
Surr: 1,2-Dichloroethane-d4	9		10		90	70	130			
Surr: Toluene-d8	10.9		10		109	70	130			
Surr: 4-Bromofluorobenzene	11.2		10		112	70	130			

Laboratory Control Spike

Type **LCS** Test Code: **EPA Method SW8015B/C**

File ID: **12013004.D**

Batch ID: **MS09W0130B**

Analysis Date: **01/30/2012 11:29**

Sample ID: **GLCS MS09W0130B**

Units : **µg/L**

Run ID: **MSD_09_120130A**

Prep Date: **01/30/2012 11:29**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	442	50	400		110	70	130			
Surr: 1,2-Dichloroethane-d4	9.25		10		93	70	130			
Surr: Toluene-d8	10.6		10		106	70	130			
Surr: 4-Bromofluorobenzene	10.8		10		108	70	130			

Sample Matrix Spike

Type **MS** Test Code: **EPA Method SW8015B/C**

File ID: **12013019.D**

Batch ID: **MS09W0130B**

Analysis Date: **01/30/2012 17:18**

Sample ID: **12012704-01AGS**

Units : **µg/L**

Run ID: **MSD_09_120130A**

Prep Date: **01/30/2012 17:18**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	2310	250	2000		0	115	51	144		
Surr: 1,2-Dichloroethane-d4	46.1		50		92	70	130			
Surr: Toluene-d8	54.6		50		109	70	130			
Surr: 4-Bromofluorobenzene	53		50		106	70	130			

Sample Matrix Spike Duplicate

Type **MSD** Test Code: **EPA Method SW8015B/C**

File ID: **12013020.D**

Batch ID: **MS09W0130B**

Analysis Date: **01/30/2012 17:40**

Sample ID: **12012704-01AGSD**

Units : **µg/L**

Run ID: **MSD_09_120130A**

Prep Date: **01/30/2012 17:40**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	2240	250	2000		0	112	51	144	2309	3.0(29)
Surr: 1,2-Dichloroethane-d4	43.7		50		87	70	130			
Surr: Toluene-d8	55.7		50		111	70	130			
Surr: 4-Bromofluorobenzene	55.4		50		111	70	130			

Comments:

Calculations are based off of raw (non-rounded) data. However, for reporting purposes, all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



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Date:
31-Jan-12

QC Summary Report

Work Order:
12012602

Method Blank

Type **MBLK** Test Code: **EPA Method SW8260B**

File ID: **12013005.D**

Batch ID: **MS09W0130A**

Analysis Date: **01/30/2012 11:53**

Sample ID: **MBLK MS09W0130A**

Units : **µg/L**

Run ID: **MSD_09_120130A**

Prep Date: **01/30/2012 11:53**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Tertiary Butyl Alcohol (TBA)	ND	10								
Methyl tert-butyl ether (MTBE)	ND	0.5								
Benzene	ND	0.5								
Toluene	ND	0.5								
Ethylbenzene	ND	0.5								
m,p-Xylene	ND	0.5								
o-Xylene	ND	0.5								
Surr: 1,2-Dichloroethane-d4	9		10		90	70	130			
Surr: Toluene-d8	10.9		10		109	70	130			
Surr: 4-Bromofluorobenzene	11.2		10		112	70	130			

Laboratory Control Spike

Type **LCS** Test Code: **EPA Method SW8260B**

File ID: **12013003.D**

Batch ID: **MS09W0130A**

Analysis Date: **01/30/2012 11:05**

Sample ID: **LCS MS09W0130A**

Units : **µg/L**

Run ID: **MSD_09_120130A**

Prep Date: **01/30/2012 11:05**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methyl tert-butyl ether (MTBE)	9.14	0.5	10		91	65	140			
Benzene	10	0.5	10		100	70	130			
Toluene	10.4	0.5	10		104	80	120			
Ethylbenzene	10.3	0.5	10		103	80	120			
m,p-Xylene	10.4	0.5	10		104	70	130			
o-Xylene	10.4	0.5	10		104	70	130			
Surr: 1,2-Dichloroethane-d4	10		10		100	70	130			
Surr: Toluene-d8	10.3		10		103	70	130			
Surr: 4-Bromofluorobenzene	9.89		10		99	70	130			

Sample Matrix Spike

Type **MS** Test Code: **EPA Method SW8260B**

File ID: **12013017.D**

Batch ID: **MS09W0130A**

Analysis Date: **01/30/2012 16:32**

Sample ID: **12012704-01AMS**

Units : **µg/L**

Run ID: **MSD_09_120130A**

Prep Date: **01/30/2012 16:32**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methyl tert-butyl ether (MTBE)	47.8	1.3	50	0	96	47	150			
Benzene	54.5	1.3	50	0	109	59	138			
Toluene	55.9	1.3	50	0	112	68	130			
Ethylbenzene	56.8	1.3	50	0	114	68	130			
m,p-Xylene	56.8	1.3	50	0	114	68	131			
o-Xylene	57.3	1.3	50	0	115	70	130			
Surr: 1,2-Dichloroethane-d4	50.5		50		101	70	130			
Surr: Toluene-d8	49.9		50		99.8	70	130			
Surr: 4-Bromofluorobenzene	48.3		50		97	70	130			

Sample Matrix Spike Duplicate

Type **MSD** Test Code: **EPA Method SW8260B**

File ID: **12013018.D**

Batch ID: **MS09W0130A**

Analysis Date: **01/30/2012 16:54**

Sample ID: **12012704-01AMSD**

Units : **µg/L**

Run ID: **MSD_09_120130A**

Prep Date: **01/30/2012 16:54**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methyl tert-butyl ether (MTBE)	45.9	1.3	50	0	92	47	150	47.8	4.0(40)	
Benzene	50.1	1.3	50	0	100	59	138	54.48	8.5(21)	
Toluene	51.7	1.3	50	0	103	68	130	55.87	7.7(20)	
Ethylbenzene	51.1	1.3	50	0	102	68	130	56.79	10.6(20)	
m,p-Xylene	50.9	1.3	50	0	102	68	131	56.83	11.0(20)	
o-Xylene	51.6	1.3	50	0	103	70	130	57.29	10.5(20)	
Surr: 1,2-Dichloroethane-d4	49.2		50		98	70	130			
Surr: Toluene-d8	51.6		50		103	70	130			
Surr: 4-Bromofluorobenzene	48.6		50		97	70	130			



Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778
(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

Date:
31-Jan-12

QC Summary Report

Work Order:
12012602

Comments:

Calculations are based off of raw (non-rounded) data. However, for reporting purposes, all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Billing Information :

CHAIN-OF-CUSTODY RECORD

Alpha Analytical, Inc.

255 Glendale Avenue, Suite 21 Sparks, Nevada 89431-5778
TEL: (775) 355-1044 FAX: (775) 355-0406

CA

WorkOrder : STR12012602
Report Due By : 5:00 PM On : 02-Feb-12

Client:
Stratus Environmental
3330 Cameron Park Drive
Suite 550
Cameron Park, CA 95682-8861

Report Attention	Phone Number	EEmail Address
Scott Bittinger	(530) 676-2062 x	sbittinger@stratusinc.net

EDD Required : Yes

Sampled by : Vince Z.

PO :

Client's COC # : 57668

Job : B & C Gas

Cooler Temp	Samples Received	Date Printed
0 °C	26-Jan-12	26-Jan-12

QC Level : S3 = Final Rpt, MBLK, LCS, MS/MSD With Surrogates

Alpha Sample ID	Client Sample ID	Collection Matrix	Collection Date	No. of Bottles			Requested Tests						Sample Remarks		
				Alpha	Sub	TAT	300_0_W	ALKALINIT Y_W	METALS_D S	TPH/P_W	VOC_W				
STR12012602-01A	MW-2	AQ	01/25/12 07:31	7	0	5	NO3, SO4	Alk	Fe, Mn	GAS-C	BTXE/MTBE /TBA_C				
STR12012602-02A	MW-4	AQ	01/25/12 07:23	7	0	5	NO3, SO4	Alk	Fe, Mn	GAS-C	BTXE/MTBE /TBA_C				
STR12012602-03A	MW-13	AQ	01/25/12 13:00	7	0	5	NO3, SO4	Alk	Fe, Mn	GAS-C	BTXE/MTBE /TBA_C				
STR12012602-04A	CMT-2-Z1	AQ	01/25/12 12:13	7	0	5	NO3, SO4	Alk	Fe, Mn	GAS-C	BTXE/MTBE /TBA_C				
STR12012602-05A	MW-9	AQ	01/25/12 10:21	4	0	5				GAS-C	BTXE/MTBE /TBA_C				
STR12012602-06A	MW-3	AQ	01/25/12 07:07	4	0	5				GAS-C	BTXE/MTBE /TBA_C				

Comments: Security seals intact. Frozen ice.

Logged in by:	Signature	Print Name	Company	Date/Time
		Sarah Noni	Alpha Analytical, Inc.	1/26/12 1043

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for the report.

Matrix Type : AQ(Aqueous) AR(Air) SO(Soil) WS(Waste) DW(Drinking Water) OT(Other) Bottle Type: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other

Billing Information:

Company Name Stratus Env
 Attn: Scott
 Address 3330 Cameron Park Dr
 City, State, Zip Cameron Park CA
 Phone Number 530-676-6004 Fax 530-676-6005



Alpha Analytical, Inc.
 255 Glendale Avenue, Suite 21
 Sparks, Nevada 89431-5778
 Phone (775) 355-1044
 Fax (775) 355-0406

Samples Collected From Which State? **57668**
 AZ CA X NV WA DOD Site
 ID OR OTHER Page # 1 of 1

Consultant / Client Name		Job #		Job Name		Analyses Required							Data Validation Level: III or IV	
B2C Gas						GRO/BTEX	MTBE/TBA	Dissolved Fe, Cu, Mn	Alkalinity	Nitrate	Sulfate	EDD / EDF? YES <u>X</u> NO <u> </u>		
2008 1st St		Name: <u>Scott B.</u>		Report Attention / Project Manager								GLOB ID # <u>T0600100930</u>		
City, State, Zip		Email:		Phone:		Mobile:		REMARKS						
Time Sampled	Date Sampled	Matrix* See Key Below	P.O. #	Lab ID Number (Office Use Only)	Sample Description	TAT	Field Filtered	# Containers**						
0731	0125	AQ		STR 2012602-01A	MW-2	Std		4v3P	X	X	X	X	X	X
0723	2	2		FOR 02A	MW-4	2		2	X	X	X	X	X	X
1300	3	3		03A	MW-13	2		2	X	X	X	X	X	X
1213	0125	AQ		04A	CMT2-21	2		4v3P	X	X	X	X	X	X
1021	2	AQ		05A	MW-9	2		2	X	X				
0707	2	AQ		00A	MW-3	2		2	X	X				
USE ONLY														

ADDITIONAL INSTRUCTIONS:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled By: Vincent Zabatka

Relinquished by: (Signature/Affiliation) <u>Vincent Zabatka</u>	Received by: (Signature/Affiliation) <u>[Signature]</u>	Date: <u>1-25-12</u>	Time: <u>15:35</u>
Relinquished by: (Signature/Affiliation)	Received by: (Signature/Affiliation) <u>Alpha</u>	Date: <u>1/26/12</u>	Time: <u>1045</u>
Relinquished by: (Signature/Affiliation)	Received by: (Signature/Affiliation)	Date:	Time:

*Key: AQ - Aqueous SO - Soil WA - Waste OT - Other AR - Air **: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other
NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this coc. The liability of the laboratory is limited to the amount paid for the report.

APPENDIX D

**GEOTRACKER ELECTRONIC SUBMITTAL
CONFIRMATIONS**

STATE WATER RESOURCES CONTROL BOARD
GEOTRACKER ESI

UPLOADING A GEO_WELL FILE

SUCCESS

Processing is complete. No errors were found!
Your file has been successfully submitted!

<u>Submittal Type:</u>	GEO_WELL
<u>Submittal Title:</u>	GeoWell 1-25-12
<u>Facility Global ID:</u>	T0600100930
<u>Facility Name:</u>	DESERT PETROLEUM #795
<u>File Name:</u>	GEO_WELL.zip
<u>Organization Name:</u>	Stratus Environmental, Inc.
<u>Username:</u>	STRATUS NOCAL
<u>IP Address:</u>	12.186.106.98
<u>Submittal Date/Time:</u>	2/21/2012 2:47:45 PM
<u>Confirmation Number:</u>	2389327943

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STATE WATER RESOURCES CONTROL BOARD
GEOTRACKER ESI

UPLOADING A EDF FILE

SUCCESS

Processing is complete. No errors were found!
Your file has been successfully submitted!

<u>Submittal Type:</u>	EDF - Monitoring Report - Quarterly
<u>Submittal Title:</u>	Analytical 1-25-12
<u>Facility Global ID:</u>	T0600100930
<u>Facility Name:</u>	DESERT PETROLEUM #795
<u>File Name:</u>	12012602_EDF.zip
<u>Organization Name:</u>	Stratus Environmental, Inc.
<u>Username:</u>	STRATUS NOCAL
<u>IP Address:</u>	12.186.106.98
<u>Submittal Date/Time:</u>	2/21/2012 2:54:17 PM
<u>Confirmation Number:</u>	4782088518

[VIEW QC REPORT](#)

[VIEW DETECTIONS REPORT](#)

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STATE WATER RESOURCES CONTROL BOARD
GEOTRACKER ESI

UPLOADING A GEO_WELL FILE

SUCCESS

Processing is complete. No errors were found!
Your file has been successfully submitted!

<u>Submittal Type:</u>	GEO_WELL
<u>Submittal Title:</u>	GeoWell 2-16-11
<u>Facility Global ID:</u>	T0600100930
<u>Facility Name:</u>	DESERT PETROLEUM #795
<u>File Name:</u>	GEO_WELL.zip
<u>Organization Name:</u>	Stratus Environmental, Inc.
<u>Username:</u>	STRATUS NOCAL
<u>IP Address:</u>	12.186.106.98
<u>Submittal Date/Time:</u>	3/14/2012 11:18:00 AM
<u>Confirmation Number:</u>	7857024431

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STATE WATER RESOURCES CONTROL BOARD
GEOTRACKER ESI

UPLOADING A GEO_WELL FILE

SUCCESS

Processing is complete. No errors were found!
Your file has been successfully submitted!

<u>Submittal Type:</u>	GEO_WELL
<u>Submittal Title:</u>	GeoWell 9-27-11
<u>Facility Global ID:</u>	T0600100930
<u>Facility Name:</u>	DESERT PETROLEUM #795
<u>File Name:</u>	GEO_WELL.zip
<u>Organization Name:</u>	Stratus Environmental, Inc.
<u>Username:</u>	STRATUS NOCAL
<u>IP Address:</u>	12.186.106.98
<u>Submittal Date/Time:</u>	3/14/2012 11:20:01 AM
<u>Confirmation Number:</u>	8347625672

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