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**RECEIVED**  
**2:47 pm, Feb 10, 2012**  
Alameda County  
Environmental Health

January 31, 2012  
Project No. 2087-6600-01

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

Re: Groundwater Monitoring Report, Fourth Quarter 2011, for Foothill Mini Mart, located at 6600 Foothill Boulevard, Oakland, California (ACEHD Case No. RO0000175)

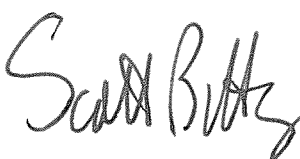
Dear Mr. Khatri:

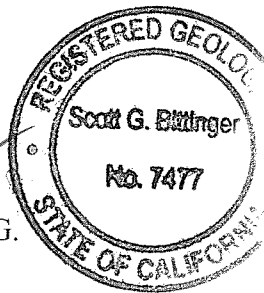
Stratus Environmental, Inc. (Stratus) is submitting the attached report, on behalf of Mr. Ravi Sekhon, to document the findings of a groundwater monitoring and sampling event conducted during the fourth quarter 2011 at the Foothill Mini Mart, located at 6600 Foothill Boulevard, Oakland, California (Figure 1). This report has been prepared in compliance with Alameda County Environmental Health Department (ACEHD) requirements for underground storage tank (UST) investigations.

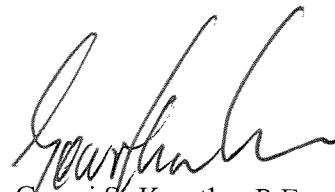
If you have any questions regarding this report, please contact Scott Bittinger at (530) 676-2062.

Sincerely,

**STRATUS ENVIRONMENTAL, INC.**

  
Scott G. Bittinger, P.G.  
Project Manager



  
Gowri S. Kowtha, P.E.  
Principal Engineer

Attachment: Semi-Annual Groundwater Monitoring Report, Fourth Quarter 2011

cc: Mr. Ravi Sekhon  
Mr. and Ms. Joseph and Maude LeBlanc

Date January 31, 2012

**FOOTHILL MINI MART  
SEMI-ANNUAL GROUNDWATER MONITORING REPORT**

Facility Address: 6600 Foothill Boulevard, California  
Consulting Co./Contact Person: Stratus Environmental, Inc. / Scott Bittinger, P.G.  
Consultant Project No: 2087-6600-01  
Primary Agency/Regulatory ID No: Alameda County Environmental Health Department (ACEHD) /  
Case No. RO0000175

**WORK PERFORMED THIS PERIOD (Fourth Quarter 2011):**

1. On December 13, 2011, Stratus conducted fourth quarter 2011 groundwater monitoring and sampling activities at the site. During this event, monitoring wells MW-1 through MW-7, MW-10, MW-11, MW-12A, MW-13A, MW-5B, MW-6B, and MW-12B were gauged for depth to water and evaluated for the presence of free product. Following gauging, samples were collected and forwarded to a state-certified analytical laboratory for analysis.
2. ACEHD personnel prepared a letter, dated December 2, 2011, requesting that a Corrective Action Plan (CAP) be developed and submitted for agency review.

**WORK PROPOSED FOR NEXT PERIOD (First Quarter 2012):**

1. In accordance with SWRCB Resolution No. 2009-0042, this site is under a semi-annual groundwater monitoring and sampling program, with work performed during the second and fourth quarters of each calendar year; therefore, no groundwater monitoring/sampling activities will be conducted during the first quarter 2012.
2. Stratus will prepare and submit a CAP for the site, as requested by ACEHD, by late January 2012.
3. Once ACEHD personnel have reviewed/approved the scope of work presented in the CAP, Stratus will develop a budget for implementing corrective action measures and request an appropriate funding level from California's Underground Storage Tank Cleanup Fund (USTCF). Currently, there is not a budget in place to implement corrective action, as the USTCF designated the subject site as a "RS/IRA" site and not a "CAP/REM" site. During 2011, Stratus completed remediation pilot testing work and given the request from ACEHD for a CAP in the December 2, 2011 letter, an administrative budget category change of the subject site to a "CAP/REM" designation appears appropriate. This request for a budget category change will accompany a proposed budget for implementing the corrective action measures.

Current Phase of Project:	<u>Monitoring/Preparation for Corrective Action</u>
Frequency of Groundwater Sampling:	<u>Wells MW-1 through MW-6, MW-7, MW-10, MW-11, MW-12A, MW-13A, MW-5B, MW-6B, MW-12B and EX-1: Semi-Annually</u>
Frequency of Groundwater Monitoring:	<u>All Monitoring Wells : Semi-Annually</u>
Groundwater Sampling Date:	<u>December 13, 2011</u>
Is Free Product (FP) Present on Site:	<u>No</u>

Approx. Depth to Groundwater (Upper):	6.28 to 12.91 feet below top of well casing
Approx. Depth to Groundwater (Lower):	11.94 to 39.80 feet below top of well casing
Groundwater Flow Direction (Upper):	Northwesterly
Approximate Groundwater Gradient (Upper):	0.03 ft/ft
Groundwater Flow Direction (Lower):	Not calculated
Approximate Groundwater Gradient (Lower):	Not calculated

## DISCUSSION:

On December 13, 2011, Stratus conducted semi-annual groundwater monitoring and sampling activities at the site. During this event, wells MW-1 through MW-7, MW-10, MW-11, MW-12A, MW-13A, MW-5B, MW-6B, and MW-12B were monitored, purged and sampled. Groundwater samples were analyzed at a state-certified analytical laboratory for gasoline range organics (GRO) by EPA Method SW8015B/DHS LUFT Manual, and for benzene, toluene, ethylbenzene, and total xylenes (BTEX), methyl tertiary butyl ether (MTBE), tertiary amyl methyl ether (TAME), ethyl tertiary butyl ether (ETBE), di-isopropyl ether (DIPE), tertiary butyl alcohol (TBA), ethanol, and methanol by EPA Method SW8260B. Field data sheets, sampling procedures and laboratory analytical reports are included as Appendices A, B, and C, respectively. Analytical results of 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.

### Shallow Screened Well Network

Depth to groundwater in the monitoring wells ranged from 6.28 to 12.91 feet below the top of the well casing. Depth-to-water measurements were converted to feet above mean sea level (MSL) and used to construct a groundwater elevation contour map (Figure 2). A northwesterly groundwater flow was observed in the site vicinity, using the December 13, 2011 groundwater level measurements, with a calculated gradient of 0.03 ft/ft. Variable groundwater flow directions have been calculated during historical site work.

Groundwater beneath the site is impacted with GRO, BTEX, MTBE, and TBA. During the fourth quarter 2011 sampling event, GRO was detected in five of the eleven sampled wells (MW-2, MW-4, MW-6, MW-12A, and MW-13A), with a maximum concentration reported in offsite downgradient well MW-6 (6,400 micrograms per liter [ $\mu\text{g/L}$ ]). Benzene was only detected in well MW-6 (77  $\mu\text{g/L}$ ). MTBE was reported in eight of the eleven sampled wells with a concentration range between 2.8  $\mu\text{g/L}$  (MW-5) and 420  $\mu\text{g/L}$  (MW-12A). TBA was detected in samples collected from six of the shallow screened wells, at concentrations ranging from 27  $\mu\text{g/L}$  (MW-13A) to 2,800  $\mu\text{g/L}$  (MW-5). Figures 4 through 7 illustrate the interpreted lateral extent of GRO, benzene, MTBE, and TBA distribution in shallow groundwater, respectively, using data collected on December 13, 2011. The results of fourth quarter 2011 well sampling, and the general configuration of the plumes depicted on Figures 4 through 7, are generally consistent with the findings of previous work.

### Deeper Screened Well Network

Depth to groundwater in the monitoring wells ranged from 11.94 to 39.80 feet below the top of the well casing. Groundwater elevations are depicted on Figure 3. Given the large discrepancy in groundwater elevations measured in the three deeper screened monitoring wells, an evaluation of groundwater flow direction at this depth in the subsurface does not appear appropriate using the current data set.

Analytical results of GRO, benzene, MTBE, and TBA for groundwater samples collected from the deeper screened wells during the fourth quarter 2011 are presented on Figure 8. Only one very low

concentration of MTBE was reported in the sample collected from well MW-5B (7.5 µg/L) during the fourth quarter 2011. Concentrations of all other analytes were below laboratory instrument detection limits. Given the available data set, the vertical extent of contaminant distribution in groundwater appears adequately characterized.

**ATTACHMENTS:**

- Table 1 Groundwater Elevation and Analytical Summary
- Table 2 Groundwater Analytical Results for Oxygenates and Additives
- Table 3 Well Construction Detail Summary
- Figure 1 Site Location Map
- Figure 2 Groundwater Elevation Contour Map, Shallow Screened Wells (Fourth Quarter 2011)
- Figure 3 Groundwater Elevation Map, Deep Screened Wells (Fourth Quarter 2011)
- Figure 4 GRO Iso-Concentration Contour Map, Shallow Screened Wells (Fourth Quarter 2011)
- Figure 5 Benzene Iso-Concentration Contour Map, Shallow Screened Wells (Fourth Quarter 2011)
- Figure 6 MTBE Iso-Concentration Contour Map, Shallow Screened Wells (Fourth Quarter 2011)
- Figure 7 TBA Iso-Concentration Contour Map, Shallow Screened Wells (Fourth Quarter 2011)
- Figure 8 Groundwater Analytical Summary, Deep Screened Wells (Fourth Quarter 2011)
- 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 Information

Mr. Paresh Khatri  
Alameda County  
Environmental Health Services  
1131 Harbor Bay Parkway, Suite 250  
Alameda, California 94502-6577

Re: Foothill Mini Mart, 6600 Foothill Boulevard, Oakland, California  
(ACEHS Case No. RO0000175)

Dear Mr. Khatri:

Stratus Environmental, Inc. (Stratus) has recently prepared a *Groundwater Monitoring Report, Fourth Quarter 2011* on my behalf. The report was prepared in regards to Alameda County Fuel Leak Case No. RO0000175, located at 6600 Foothill Boulevard, Oakland, 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,

A handwritten signature in black ink, appearing to read "Ravi Sekhon". The signature is written in a cursive, somewhat stylized font.

Ravi Sekhon

**TABLE 1**  
**GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY**  
 Foothill Mini Mart, 6600 Foothill Boulevard, Oakland, California

Well Number	Date Collected	Depth to Water (feet)	Top of Casing Elevation (ft msl)	Groundwater Elevation (ft msl) [1]	GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	
<b>SHALLOW WELLS</b>											
<b>MW-1</b>	06/13/01	9.36	100*	90.64	ND	ND	ND	ND	ND	130	
	03/21/02	7.96	100*	92.04	95	ND	ND	ND	ND	72.5	
	07/09/02	8.51	100*	91.49	ND	ND	ND	ND	ND	208	
	07/11/03	8.66	160.25	151.59	ND	0.7	ND	ND	1.2	636	
	11/13/03	8.10	160.25	152.15	<5,000	ND	ND	ND	ND	72,000	
	02/19/04	8.24	160.25	152.01	1,350	460	ND	ND	ND	82,000	
	05/21/04	8.51	160.25	151.74	ND	<50	<50	<50	<100	12,000	
	08/11/05	8.34	160.25	151.91	ND	ND	ND	ND	ND	4,900	
	11/30/05	9.86	160.25	150.39	<250	<2.5	<2.5	<2.5	<2.5	8,400	
	08/08/08	10.62	60.02	49.40	390	<1.5	<1.5	<1.5	<1.5	720	
	11/05/08	10.78	60.02	49.24	350	<5.0	<10	<10	<10	580	
	02/06/09	9.05	60.02	50.97	150	<1.5	<1.5	<1.5	<1.5	610	
	05/07/09	6.76	60.02	53.26	420	<0.50	<0.50	<0.50	<0.50	210	
	06/01/10	7.58	60.02	52.44	190	<0.50	<0.50	<0.50	<0.50	170	
	09/07/10	11.33	60.02	48.69	Not Scheduled for Sampling						
	12/08/10	10.61	60.02	49.41	150	<0.50	<0.50	<0.50	<0.50	300	
05/26/11	8.51	60.02	51.51	57	<0.50	<0.50	<0.50	<0.50	100		
12/13/11	10.54	60.02	49.48	<50	<0.50	<0.50	<0.50	<0.50	23		
<b>MW-2</b>	06/13/01	10.44	98.71*	88.27	5,800	160	210	290	980	94,000	
	03/21/02	8.18	98.71*	90.53	452	3.4	ND	1.6	2.1	79,100	
	07/09/02	8.35	98.71*	90.36	497	61.6	ND	ND	1.6	37,600	
	07/11/03	7.58	158.97	151.39	553	48.9	ND	ND	ND	38,200	
	11/13/03	8.01	158.97	150.96	<2,500	NS	ND	ND	ND	47,000	
	02/19/04	6.43	158.97	152.54	4,390	410	265	160	490	26,700	
	05/21/04	6.83	158.97	152.14	1,150	254	<200	<200	<400	24,600	
	08/11/05	7.31	158.97	151.66	91	ND	1.1	ND	ND	6,500	
	11/30/05	7.98	158.97	150.99	69	ND	1.4	ND	ND	2,300	
	08/08/08	7.19	58.74	51.55	300	<9.0	<9.0	<9.0	<9.0	9.8	
	11/05/08	7.14	58.74	51.60	510	<0.50	<1.0	<1.0	<1.0	12	
	02/06/09	6.92	58.74	51.82	50	<4.0	<4.0	<4.0	<4.0	10	
	05/07/09	6.53	58.74	52.21	860	<4.0	<4.0	<4.0	<4.0	9.7	
	06/01/10	9.15	58.74	49.59	<1,000 [3]	<5.0 [3]	<5.0 [3]	<5.0 [3]	<5.0 [3]	69	
	09/07/10	9.69	58.74	49.05	Not Scheduled for Sampling						
	12/08/10	8.34	58.74	50.40	<1,000 [3]	<5.0 [3]	<5.0 [3]	<5.0 [3]	<5.0 [3]	21	
05/26/11	10.51	58.74	48.23	<500[3]	<2.5[3]	<2.5[3]	<2.5[3]	<2.5[3]	27		
12/13/11	9.50	58.74	49.24	270	<0.50	<0.50	<0.50	<0.50	22		

**TABLE 1**  
**GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY**  
 Foothill Mini Mart, 6600 Foothill Boulevard, Oakland, California

Well Number	Date Collected	Depth to Water (feet)	Top of Casing Elevation (ft msl)	Groundwater Elevation (ft msl) [1]	GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	
MW-3	06/13/01	9.69	99.90*	90.21	300	1	ND	0.07	2	450	
	03/21/02	8.80	99.90*	91.10	274	1.1	ND	1	2.5	7,520	
	07/09/02	9.33	99.90*	90.57	ND	ND	ND	ND	ND	40.8	
	07/11/03	9.35	160.17	150.82	ND	ND	ND	ND	ND	24	
	11/13/03	8.85	160.17	151.32	ND	ND	ND	ND	ND	37	
	02/19/04	8.46	160.17	151.71	83	ND	ND	ND	ND	42.7	
	05/21/04	9.09	160.17	151.08	ND	ND	ND	ND	ND	54	
	08/11/05	8.87	160.17	151.30	ND	ND	ND	ND	ND	27	
	11/30/05	9.73	160.17	150.44	ND	ND	ND	ND	ND	28	
	08/08/08	9.64	59.94	50.30	99	<0.50	<0.50	<0.50	<0.50	4.5	
	11/05/08	9.33	59.94	50.61	55	<0.50	<1.0	<1.0	<1.0	4.5	
	02/06/09	9.37	59.94	50.57	100	<0.50	<0.50	<0.50	<0.50	5.3	
	05/07/09	8.98	59.94	50.96	410	<0.50	<0.50	<0.50	<0.50	5.5	
	06/01/10	9.82	59.94	50.12	<50	<0.50	<0.50	<0.50	<0.50	5.1	
	09/07/10	10.88	59.94	49.06			Not Scheduled for Sampling				
	12/08/10	9.82	59.94	50.12	53	<0.50	<0.50	<0.50	<0.50	6.6	
05/26/11	9.93	59.94	50.01	54	<0.50	<0.50	<0.50	<0.50	4.9		
12/13/11	10.52	59.94	49.42	<50	<0.50	<0.50	<0.50	<0.50	3.3		
MW-4	07/09/02	8.14	98.19*	90.05	9,680	43	17	369	1,990	28,300	
	07/11/03	6.73	158.42	151.69	3,170	16.5	6.4	71.7	240	16,600	
	11/13/03	6.54	158.42	151.88	<1,000	49	ND	340	900	16,000	
	02/19/04	4.37	158.42	154.05	7,230	107	7	497	1,063	14,300	
	05/21/04	5.79	158.42	152.63	9,340	194	ND	309	860	7,380	
	08/11/05	6.65	158.42	151.77	3,000	15	24	87	190	1,200	
	11/30/05	6.05	158.42	152.37	4,300	18	28	84	130	340	
	08/08/08	5.91	58.19	52.28	3,600	0.53	0.61	5.6	1.5	24	
	11/05/08	5.33	58.19	52.86	2,000	0.58	<1.0	6.8	1.2	31	
	02/06/09	5.15	58.19	53.04	3,400	0.81	<0.50	10	1.2	39	
	05/07/09	4.86	58.19	53.33	4,500	0.73	<0.50	7.4	1.2	29	
	06/01/10	6.00	58.19	52.19	3,300	<1.0 [3]	<1.0 [3]	4.1	<1.0 [3]	9.4	
	09/07/10				Inaccessible for monitoring; not scheduled for sampling						
	12/08/10	5.75	58.19	52.44	3,800	<1.0 [3]	<1.0 [3]	7.3	<1.0 [3]	7.6	
	05/26/11	5.87	58.19	52.32	4,000	<2.5[3]	<2.5[3]	2.6	<2.5[3]	3.7	
12/13/11	6.36	58.19	51.83	1,500	<0.50	0.54	0.55	1.21	8.2		

**TABLE 1**  
**GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY**  
 Foothill Mini Mart, 6600 Foothill Boulevard, Oakland, California

Well Number	Date Collected	Depth to Water (feet)	Top of Casing Elevation (ft msl)	Groundwater Elevation (ft msl) [1]	GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)
<b>MW-5</b>	07/09/02	8.16	97.81*	89.65	275	30.2	ND	ND	3	18,600
	07/11/03	7.94	158.03	150.09	890	10	0.6	ND	7.1	5,090
	11/13/03	7.41	158.03	150.62	<1,000	ND	ND	ND	ND	3,400
	02/19/04	6.14	158.03	151.89	1,310	ND	0.7	ND	2.2	438
	05/21/04	7.42	158.03	150.61	1,960	9.7	0.7	ND	ND	214
	08/11/05	7.67	158.03	150.36	410 [2]	ND	3.3	ND	ND	100
	11/30/05	8.51	158.03	149.52	240 [2]	ND	1.8	ND	1.4	82
	08/08/08	7.59	57.80	50.21	1,900	<0.50	<0.50	<0.50	4.0	8.6
	11/05/08	6.91	57.80	50.89	1,600	<0.50	<1.0	<1.0	1.1	4.8
	02/06/09	6.98	57.80	50.82	680	<0.50	<0.50	<0.50	2.2	5.5
	05/07/09	6.43	57.80	51.37	1,900	0.72	0.91	<0.50	2.3	4.3
	06/01/10	8.15	57.80	49.65	1,000	<0.50	<0.50	<0.50	<0.50	4.3
	09/07/10	9.37	57.80	48.43	Not Scheduled for Sampling					
	12/08/10	7.78	57.80	50.02	200	<0.50	<0.50	<0.50	<0.50	5.9
05/26/11	8.08	57.80	49.72	230	<1.0[3]	<1.0[3]	<1.0[3]	<1.0[3]	3.5	
12/13/11	8.63	57.80	49.17	<200[3]	<1.0[3]	<1.0[3]	<1.0[3]	<1.0[3]	2.8	
<b>MW-6</b>	07/09/02	7.45	97*	89.55	12,000	432	22	637	1,740	11,300
	07/11/03	7.98	157.24	149.26	2,970	534	6.3	70.1	278	18,000
	11/13/03	7.47	157.24	149.77	<2,500	300	ND	ND	52	18,000
	02/19/04	5.09	157.24	152.15	5,340	184	5	65	127	5,310
	05/21/04	6.38	157.24	150.86	6,110	340	12.7	205	308.8	3,900
	08/11/05	6.68	157.24	150.56	6,100	470	48	23	30	3,200
	11/30/05	7.43	157.24	149.81	3,700	310	30	16	12	3,400
	08/08/08	6.23	57.01	50.78	6,500	63	2.0	42	98	230
	11/05/08	5.35	57.01	51.66	4,800	74	<5.0	23	42	340
	02/06/09	5.44	57.01	51.57	5,800	34	1.1	16	38	140
	05/07/09	4.91	57.01	52.10	5,800	32	1.2	14	37	150
	06/01/10	5.85	57.01	51.16	7,500	100	<2.5 [3]	28	48	350
	09/07/10	7.84	57.01	49.17	Not Scheduled for Sampling					
	12/08/10	5.15	57.01	51.86	6,200	90	1.1	46	53.7	420
05/26/11	5.73	57.01	51.28	5,500	54	<1.0[3]	23	30.4	230	
12/13/11	6.28	57.01	50.73	6,400	77	<2.5[3]	19	19	400	



**TABLE 1**  
**GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY**  
 Foothill Mini Mart, 6600 Foothill Boulevard, Oakland, California

Well Number	Date Collected	Depth to Water (feet)	Top of Casing Elevation (ft msl)	Groundwater Elevation (ft msl) [1]	GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)
<b>MW-7</b>	06/01/10	9.74	58.66	48.92	<50	<0.50	<0.50	<0.50	<0.50	22
	09/07/10	9.74	58.66	48.92	<50	<0.50	<0.50	<0.50	<0.50	17
	12/08/10	8.95	58.66	49.71	<50	<0.50	<0.50	<0.50	<0.50	7.6
	05/26/11	11.15	58.66	47.51	<50	<0.50	<0.50	<0.50	<0.50	2.8
	12/13/11	9.41	58.66	49.25	<50	<0.50	<0.50	<0.50	<0.50	9.6
<b>MW-10</b>	06/01/10	8.85	61.89	53.04	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	09/07/10	11.75	61.89	50.14	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	12/08/10	13.60	61.89	48.29	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	05/26/11	10.45	61.89	51.44	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	12/13/11	12.91	61.89	48.98	<50	<0.50	<0.50	<0.50	<0.50	<0.50
<b>MW-11</b>	06/01/10	9.74	60.97	51.23	<50	<0.50	<0.50	<0.50	<0.50	6.7
	09/07/10	11.68	60.97	49.29	59	<0.50	<0.50	<0.50	<0.50	98
	12/08/10	12.19	60.97	48.78	52	<0.50	<0.50	<0.50	<0.50	96
	05/26/11	10.80	60.97	50.17	<50	<0.50	<0.50	<0.50	<0.50	17
	12/13/11	12.27	60.97	48.70	<50	<0.50	<0.50	<0.50	<0.50	<0.50
<b>MW-12A</b>	06/01/10	8.07	62.98	54.91	270	<0.50	<0.50	<0.50	<0.50	260
	09/07/10					Inaccessible				
	12/08/10	10.35	62.98	52.63	150	<0.50	<0.50	<0.50	<0.50	300
	05/26/11	8.84	62.98	54.14	140	<0.50	<0.50	<0.50	<0.50	250
	12/13/11	9.45	62.98	53.53	240	<0.50	<0.50	<0.50	<0.50	420
<b>MW-13A</b>	06/01/10	6.47	60.90	54.43	1,500	<0.50	<0.50	<0.50	<0.50	7.1
	09/07/10					Inaccessible				
	12/08/10	5.45	60.90	55.45	2,200	0.63	<0.50	<0.50	<0.50	15
	05/26/11	6.37	60.90	54.53	840	<0.50	<0.50	<0.50	<0.50	8.3
	12/13/11	6.59	60.90	54.31	1,500	<0.50	<0.50	<0.50	<0.50	6.8
<b>REMEDIATION WELL</b>										
<b>EX-1</b>	05/26/11	10.26	NM	NM	600	<2.5[3]	<2.5[3]	<2.5[3]	<2.5[3]	730
	12/13/11	NM	NM	NM	--	--	--	--	--	--

**TABLE 1**  
**GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY**  
 Foothill Mini Mart, 6600 Foothill Boulevard, Oakland, California

Well Number	Date Collected	Depth to Water (feet)	Top of Casing Elevation (ft msl)	Groundwater Elevation (ft msl) [1]	GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)
<b>DEEPER WELLS</b>										
<b>MW-5B</b>	06/01/10	12.87	57.69	44.82	<50	<0.50	<0.50	<0.50	<0.50	0.70
	09/07/10	13.28	57.69	44.41	<50	<0.50	<0.50	<0.50	<0.50	1.4
	12/08/10	13.95	57.69	43.74	<50	<0.50	<0.50	<0.50	<0.50	1.6
	05/26/11	12.51	57.69	45.18	<50	<0.50	<0.50	<0.50	<0.50	3.2
	12/13/11	11.94	57.69	45.75	<50	<0.50	<0.50	<0.50	<0.50	7.5
<b>MW-6B</b>	06/01/10	35.75	56.71	20.96	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	09/07/10	37.24	56.71	19.47	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	12/08/10	39.82	56.71	16.89	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	05/26/11	36.70	56.71	20.01	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	12/13/11	39.80	56.71	16.91	<50	<0.50	<0.50	<0.50	<0.50	<0.50
<b>MW-12B</b>	06/01/10	37.49	62.94	25.45	<50	<0.50	<0.50	<0.50	<0.50	0.84
	09/07/10					Inaccessible				
	12/08/10	39.66	62.94	23.28	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	05/26/11	34.74	62.94	28.20	<50	<0.50	<0.50	<0.50	<0.50	0.80
	12/13/11	38.91	62.94	24.03	<50	<0.50	<0.50	<0.50	<0.50	<0.50
<b>Legend/Key:</b>										
GRO = Gasoline range organics					-- = Not available/not analyzed					
MTBE = Methyl tertiary butyl ether					ft msl = feet above mean sea level					
ND= "not-detected" or below the Method Detection Limits					µg/L = micrograms per liter					
[1] = The TOC elevations reported in groundwater monitoring reports prior to second quarter 2010 are incorrect. The datum elevation adopted previously was revised on August 4, 2008 using the city of Oakland datum (-D83). The revised TOC elevations are converted to mean sea level elevation and used to calculate all groundwater elevations.										
[2] = Laboratory reported does not match gasoline pattern.										
[3] = Reporting limits were increased due to high concentration of target analytes.										
* The top of casing (TOC) elevations originally surveyed on June 31, 2001 used MW-1 as the common datum with assumed elevation of 100.00 feet above mean sea level (msl). All other TOC elevations were surveyed relative to MW-1. All of the wells were again surveyed per GeoTracker standard on July 11, 2003, by PLS Surveys Inc., a California licensed surveyor. All elevations are reported with respect to feet above mean sea level.										

**TABLE 2**  
**ANALYTICAL RESULTS FOR FUEL OXYGENATES AND ADDITIVES**

Foothill Mini Mart, 6600 Foothill Boulevard, Oakland, California

Well Number	Date Collected	MTBE (µg/L)	TBA (µg/L)	ETBE (µg/L)	DIPE (µg/L)	TAME (µg/L)	Methanol (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	
<b>SHALLOW WELLS</b>											
<b>MW-1</b>	06/13/01	130	--	--	--	--	--	--	--	--	
	03/21/02	72.5	--	--	--	--	--	--	--	--	
	07/09/02	208	--	--	--	--	--	--	--	--	
	07/11/03	636	--	--	--	--	--	--	--	--	
	11/13/03	72,000	22,000	--	--	--	--	--	--	--	
	02/19/04	82,000	8,360	--	--	--	--	--	--	--	
	05/21/04	12,000	<1,000	--	--	--	--	--	--	--	
	08/11/05	4,900	--	--	--	--	--	--	--	--	
	11/30/05	8,400	--	--	--	--	--	--	--	--	
	08/08/08	720	7.4J	<1.5	<1.5	<1.5	<300	<15	<1.5	<1.5	
	11/05/08	580	<100	<20	<20	<20	--	<1,000	--	--	
	02/06/09	610	120	<1.5	<1.5	<1.5	<600	<15	--	--	
	05/07/09	210	110	<0.50	<0.50	<0.50	<150	<5.0	--	--	
	06/01/10	170	200	<1.0	<1.0	<1.0	<50	<5.0	--	--	
	09/07/10					Not Scheduled for Sampling					
	12/08/10	300	110	<1.0	<1.0	<1.0	<50	<5.0	--	--	
05/26/11	100	81	<1.0	<1.0	<1.0	<50	<5.0	--	--		
12/13/11	23	<10	<1.0	<1.0	<1.0	<50	<5.0	--	--		
<b>MW-2</b>	06/13/01	94,000	980	--	--	--	--	--	--	--	
	03/21/02	79,100	--	--	--	--	--	--	--	--	
	07/09/02	37,600	--	--	--	--	--	--	--	--	
	07/11/03	38,200	--	--	--	--	--	--	--	--	
	11/13/03	47,000	11,000	--	--	--	--	--	--	--	
	02/19/04	26,700	3,930	--	--	--	--	--	--	--	
	05/21/04	24,600	<4,000	--	--	--	--	--	--	--	
	08/11/05	6,500	--	--	--	--	--	--	--	--	
	11/30/05	2,300	--	--	--	--	--	--	--	--	
	08/08/08	9.8	17,000	<9.0	<9.0	<9.0	<900	<90	<9.0	<9.0	
	11/05/08	12	13,000	<2.0	<2.0	<2.0	--	<100	--	--	
	02/06/09	10	11,000	<4.0	<4.0	<4.0	<400	<40	--	--	
	05/07/09	9.7	12,000	<4.0	<4.0	<4.0	<400	<40	--	--	
	06/01/10	69	7,300	<10 [1]	<10 [1]	<10 [1]	<50	<5.0	--	--	
	09/07/10					Not Scheduled for Sampling					
	12/08/10	21	9,900	<10 [1]	<10 [1]	<10 [1]	<50	<5.0	--	--	
05/26/11	27	5,400	<5.0[1]	<5.0[1]	<5.0[1]	<50	<5.0	--	--		
12/13/11	22	840	<1.0	<1.0	<1.0	<50	<5.0	--	--		

**TABLE 2**  
**ANALYTICAL RESULTS FOR FUEL OXYGENATES AND ADDITIVES**  
 Foothill Mini Mart, 6600 Foothill Boulevard, Oakland, California

Well Number	Date Collected	MTBE (µg/L)	TBA (µg/L)	ETBE (µg/L)	DIPE (µg/L)	TAME (µg/L)	Methanol (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	
MW-3	06/13/01	450	--	--	--	--	--	--	--	--	
	03/21/02	7,520	--	--	--	--	--	--	--	--	
	07/09/02	40.8	--	--	--	--	--	--	--	--	
	07/11/03	24.3	--	--	--	--	--	--	--	--	
	11/13/03	37	27	--	--	--	--	--	--	--	
	02/19/04	42.7	508	--	--	--	--	--	--	--	
	05/21/04	54	1,100	--	--	--	--	--	--	--	
	08/11/05	27	--	--	--	--	--	--	--	--	
	11/30/05	28	--	--	--	--	--	--	--	--	
	08/08/08	4.5	130	<0.50	<0.50	<0.50	<80	<5.0	<0.50	<0.50	
	11/05/08	4.5	500	<2.0	<2.0	<2.0	--	<100	--	--	
	02/06/09	5.3	770	<0.50	<0.50	<0.50	<100	<5.0	--	--	
	05/07/09	5.5	900	<0.50	<0.50	<0.50	<50	<5.0	--	--	
	06/01/10	5.1	36	<1.0	<1.0	<1.0	<50	<5.0	--	--	
	09/07/10						Not Scheduled for Sampling				
	12/08/10	6.6	680	<1.0	<1.0	<1.0	<50	<5.0	--	--	
05/26/11	4.9	590	<1.0	<1.0	<1.0	<50	<5.0	--	--		
12/13/11	3.3	<10	<1.0	<1.0	<1.0	<50	<5.0	--	--		
MW-4	07/09/02	28,300	--	--	--	--	--	--	--	--	
	07/11/03	16,600	--	--	--	--	--	--	--	--	
	11/13/03	16,000	4,500	--	--	--	--	--	--	--	
	02/19/04	14,300	1,440	--	--	--	--	--	--	--	
	05/21/04	7,380	<2,000	--	--	--	--	--	--	--	
	08/11/05	1,200	--	--	--	--	--	--	--	--	
	11/30/05	340	--	--	--	--	--	--	--	--	
	08/08/08	24	1,800	<0.50	<0.50	<0.50	<80	<5.0	<0.50	<0.50	
	11/05/08	31	760	<2.0	<2.0	<2.0	--	<100	--	--	
	02/06/09	39	1,400	<0.50	<0.50	<0.50	<200	<5.0	--	--	
	05/07/09	29	1,000	<0.50	<0.50	<0.50	<200	<5.0	--	--	
	06/01/10	9.4	900	<2.0 [1]	<2.0 [1]	<2.0 [1]	<50	<5.0	--	--	
	09/07/10						Not Scheduled for Sampling				
	12/08/10	7.6	940	<2.0 [1]	<2.0 [1]	<2.0 [1]	<50	<5.0	--	--	
05/26/11	3.7	1,400	<5.0[1]	<5.0[1]	<5.0[1]	<50	<5.0	--	--		
12/13/11	8.2	1,700	<1.0	<1.0	<1.0	<50	<5.0	--	--		

**TABLE 2**  
**ANALYTICAL RESULTS FOR FUEL OXYGENATES AND ADDITIVES**

Foothill Mini Mart, 6600 Foothill Boulevard, Oakland, California

Well Number	Date Collected	MTBE (µg/L)	TBA (µg/L)	ETBE (µg/L)	DIPE (µg/L)	TAME (µg/L)	Methanol (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	
<b>MW-5</b>	07/09/02	18,600	--	--	--	--	--	--	--	--	
	07/11/03	5,090	--	--	--	--	--	--	--	--	
	11/13/03	3,400	3,100	--	--	--	--	--	--	--	
	02/19/04	438	1,340	--	--	--	--	--	--	--	
	05/21/04	214	436	--	--	--	--	--	--	--	
	08/11/05	100	--	--	--	--	--	--	--	--	
	11/30/05	82	--	--	--	--	--	--	--	--	
	08/08/08	8.6	510	<0.50	<0.50	<0.50	<50	<5.0	<0.50	<0.50	
	11/05/08	4.8	170	<2.0	<2.0	<2.0	--	<100	--	--	
	02/06/09	5.5	110	<0.50	<0.50	<0.50	<200	<5.0	--	--	
	05/07/09	4.3	60	<0.50	<0.50	<0.50	<50	<5.0	--	--	
	06/01/10	4.3	570	<1.0	<1.0	<1.0	<50	<5.0	--	--	
	09/07/10						Not Scheduled for Sampling				
	12/08/10	5.9	1,300	<1.0	<1.0	<1.0	<50	<5.0	--	--	
	05/26/11	3.5	1,300	<2.0[1]	<2.0[1]	<2.0[1]	<50	<5.0	--	--	
	12/13/11	2.8	2,800	<2.0[1]	<2.0[1]	<2.0[1]	<50	<5.0	--	--	
<b>MW-6</b>	07/09/02	11,300	--	--	--	--	--	--	--	--	
	07/11/03	18,000	--	--	--	--	--	--	--	--	
	11/13/03	18,000	ND	--	--	--	--	--	--	--	
	02/19/04	5,310	4,260	--	--	--	--	--	--	--	
	05/21/04	3,900	4,060	--	--	--	--	--	--	--	
	08/11/05	3,200	--	--	--	--	--	--	--	--	
	11/30/05	3,400	--	--	--	--	--	--	--	--	
	08/08/08	230	810	<0.50	<0.50	<0.66	<200	<8.0	<0.50	<0.50	
	11/05/08	340	950	<10	<10	<10	--	<500	--	--	
	02/06/09	140	690	<0.50	<0.50	<0.50	<200	<5.0	--	--	
	05/07/09	150	460	<0.50	<0.50	<0.50	<100	<5.0	--	--	
	06/01/10	350	770	<5.0 [1]	<5.0 [1]	<5.0 [1]	<50	<5.0	--	--	
	09/07/10						Not Scheduled for Sampling				
	12/08/10	420	890	<2.0 [1]	<2.0 [1]	<2.0 [1]	<50	<5.0	--	--	
	05/26/11	230	640	<2.0[1]	<2.0[1]	<2.0[1]	<50	<5.0	--	--	
	12/13/11	400	1,200	<5.0[1]	<5.0[1]	<5.0[1]	<50	<5.0	--	--	

**TABLE 2**  
**ANALYTICAL RESULTS FOR FUEL OXYGENATES AND ADDITIVES**

Foothill Mini Mart, 6600 Foothill Boulevard, Oakland, California

Well Number	Date Collected	MTBE (µg/L)	TBA (µg/L)	ETBE (µg/L)	DIPE (µg/L)	TAME (µg/L)	Methanol (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)
<b>MW-7</b>	06/01/10	22	18	<1.0	<1.0	<1.0	<50	<5.0	--	--
	09/07/10	17	<10	<1.0	<1.0	<1.0	<50	<5.0	--	--
	12/08/10	7.6	<10	<1.0	<1.0	<1.0	<50	<5.0	--	--
	05/26/11	2.8	<10	<1.0	<1.0	<1.0	<50	<5.0	--	--
	12/13/11	9.6	<10	<1.0	<1.0	<1.0	<50	<5.0	--	--
<b>MW-10</b>	06/01/10	<0.50	<10	<1.0	<1.0	<1.0	<50	<5.0	--	--
	09/07/10	<0.50	<10	<1.0	<1.0	<1.0	<50	<5.0	--	--
	12/08/10	<0.50	<10	<1.0	<1.0	<1.0	<50	<5.0	--	--
	05/26/11	<0.50	<10	<1.0	<1.0	<1.0	<50	<5.0	--	--
	12/13/11	<0.50	<10	<1.0	<1.0	<1.0	<50	<5.0	--	--
<b>MW-11</b>	06/01/10	6.7	<10	<1.0	<1.0	<1.0	<50	<5.0	--	--
	09/07/10	98	<10	<1.0	<1.0	<1.0	<50	<5.0	--	--
	12/08/10	96	<10	<1.0	<1.0	<1.0	<50	<5.0	--	--
	05/26/11	17	<10	<1.0	<1.0	<1.0	<50	<5.0	--	--
	12/13/11	<0.50	<10	<1.0	<1.0	<1.0	<50	<5.0	--	--
<b>MW-12A</b>	06/01/10	260	<10	<1.0	<1.0	<1.0	<50	<5.0	--	--
	09/07/10					Inaccessible				
	12/08/10	300	<10	<1.0	<1.0	<1.0	<50	<5.0	--	--
	05/26/11	250	<10	<1.0	<1.0	<1.0	<50	<5.0	--	--
	12/13/11	420	66	<1.0	<1.0	<1.0	<50	<5.0	--	--
<b>MW-13A</b>	06/01/10	7.1	33	<1.0	<1.0	<1.0	<50	<5.0	--	--
	09/07/10					Inaccessible				
	12/08/10	15	61	<1.0	<1.0	<1.0	<50	<5.0	--	--
	05/26/11	8.3	33	<1.0	<1.0	<1.0	<50	<5.0	--	--
	12/13/11	6.8	27	<1.0	<1.0	<1.0	<50	<5.0	--	--
<b>REMEDIATION WELL</b>										
<b>EX-1</b>	05/26/11	730	6,700	<5.0[1]	<5.0[1]	<5.0[1]	<50	<5.0	--	--
	12/13/11	--	--	--	--	--	--	--	--	--

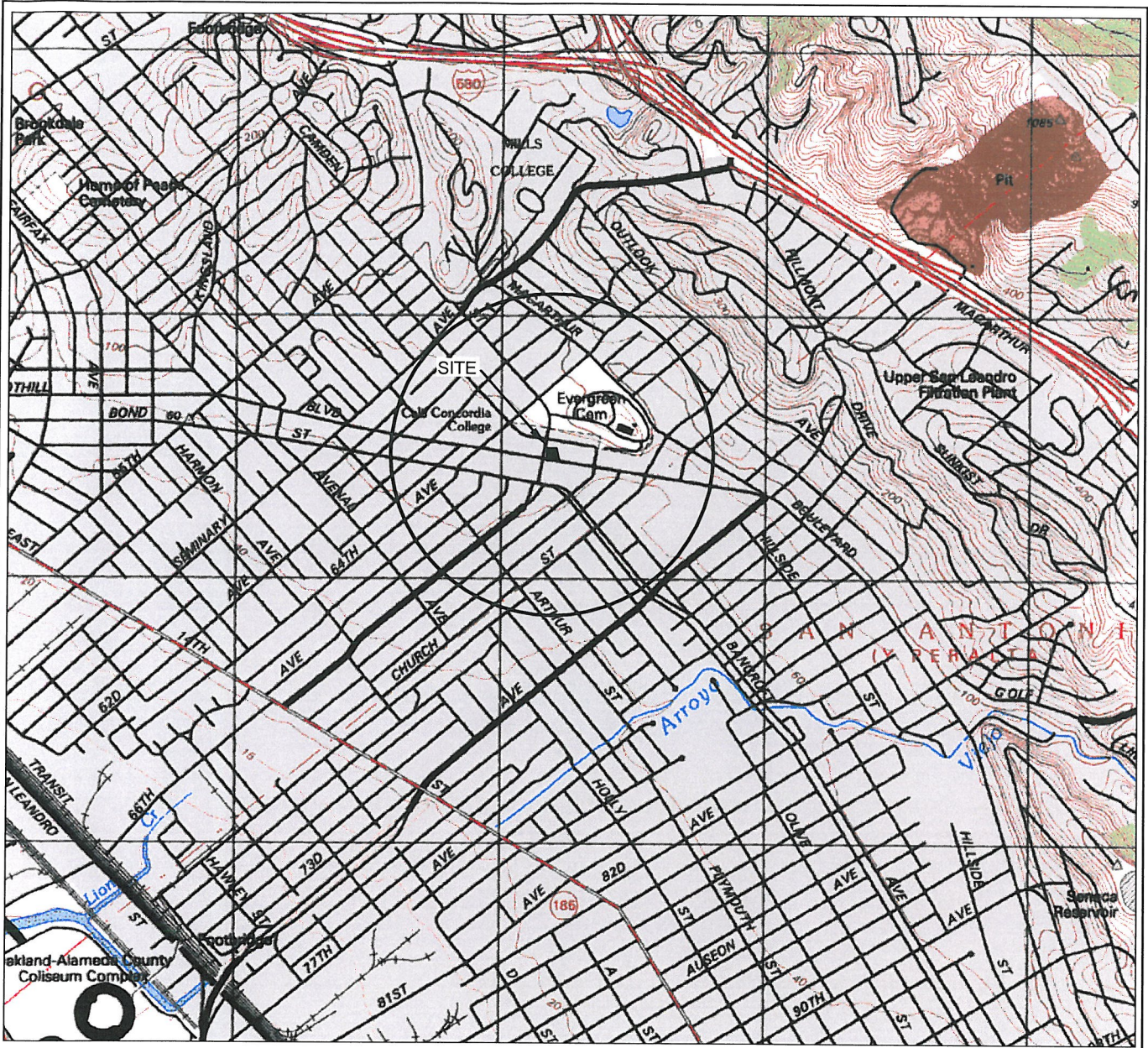
**TABLE 2**  
**ANALYTICAL RESULTS FOR FUEL OXYGENATES AND ADDITIVES**  
 Foothill Mini Mart, 6600 Foothill Boulevard, Oakland, California

Well Number	Date Collected	MTBE (µg/L)	TBA (µg/L)	ETBE (µg/L)	DIPE (µg/L)	TAME (µg/L)	Methanol (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)
<b>DEEPER WELLS</b>										
<b>MW-5B</b>	06/01/10	0.70	<10	<1.0	<1.0	<1.0	<50	<5.0	--	--
	09/07/10	1.4	<10	<1.0	<1.0	<1.0	<50	<5.0	--	--
	12/08/10	1.6	<10	<1.0	<1.0	<1.0	<50	<5.0	--	--
	05/26/11	3.2	<10	<1.0	<1.0	<1.0	<50	<5.0	--	--
	12/13/11	7.5	<10	<1.0	<1.0	<1.0	<50	<5.0	--	--
<b>MW-6B</b>	06/01/10	<0.50	<10	<1.0	<1.0	<1.0	<50	<5.0	--	--
	09/07/10	<0.50	<10	<1.0	<1.0	<1.0	<50	<5.0	--	--
	12/08/10	<0.50	<10	<1.0	<1.0	<1.0	<50	<5.0	--	--
	05/26/11	<0.50	<10	<1.0	<1.0	<1.0	<50	<5.0	--	--
	12/13/11	<0.50	<10	<1.0	<1.0	<1.0	<50	<5.0	--	--
<b>MW-12B</b>	06/01/10	0.84	<10	<1.0	<1.0	<1.0	<50	<5.0	--	--
	09/07/10					Inaccessible				
	12/08/10	<50	<10	<1.0	<1.0	<1.0	<50	<5.0	--	--
	05/26/11	0.80	<10	<1.0	<1.0	<1.0	<50	<5.0	--	--
	12/13/11	<0.50	<10	<1.0	<1.0	<1.0	<50	<5.0	--	--
<b>Legend/Key:</b>										
MTBE = Methyl tertiary butyl ether					1,2-DCA = 1,2-Dichloroethane					
TBA = Tertiary butyl alcohol					EDB = 1,2-Dibromoethane					
DIPE = Di-isopropyl ether					ND= "not-detected" or below the Method Detection Limits					
ETBE = Ethyl tertiary butyl ether					--= Not available/not analyzed					
TAME = Tertiary amyl methyl ether					mg/L = micrograms per liter					
[1] = Reporting limits were increased due to high concentration of target analytes.										

**TABLE 3**  
**WELL CONSTRUCTION DETAIL SUMMARY**  
 Foothill Mini Mart, 6600 Foothill Boulevard, Oakland, California

<b>Boring/Well I.D.</b>	<b>Date Installed</b>	<b>Boring Depth (feet)</b>	<b>Boring Diameter (inches)</b>	<b>Well Diameter (inches)</b>	<b>Well Depth (feet)</b>	<b>Screen Interval (feet bgs)</b>	<b>Slot Size (inches)</b>	<b>Drilling Method</b>
<i>Shallow Groundwater Monitoring Wells</i>								
MW-1	06/04/01	25	8	2	25	10-25	0.01	HSA
MW-2	06/04/01	25	8	2	25	10-25	0.01	HSA
MW-3	06/04/01	25	8	2	25	10-25	0.01	HSA
MW-4	06/26/02	20	8	2	20	7.5-20	0.01	HSA
MW-5	06/26/02	20	8	2	20	7.5-20	0.01	HSA
MW-6	06/26/02	20	8	2	20	7.5-20	0.01	HSA
MW-7	09/23/09	25	8	2	25	10-25	0.01	HSA
MW-10	09/22/09	25	8	2	25	15-25	0.01	HSA
MW-11	09/23/09	25	8	2	25	10-25	0.01	HSA
MW-12A	09/22/09	25	8	2	25	10-25	0.01	HSA
MW-13A	09/24/09	25	8	2	25	5--25	0.01	HSA
<i>Deeper Groundwater Monitoring Wells</i>								
MW-5B	09/23/09	45	8	2	45	35-45	0.01	HSA
MW-6B	09/24/09	50	8	2	50	35-50	0.01	HSA
MW-12B	09/22/09	43	8	2	43	33-43	0.01	HSA
<i>Remediation Wells</i>								
EX-1	04/04/11	30	10	4	30	10-30	0.02	HSA
IW-1A/B	04/06/11	28	8	1	21.5	20.5-21.5	0.02	HSA
IW-2A/B	04/06/11	28	8	1	27	25-27	microporous	HSA
				1	27	25-27	microporous	
<i>Soil Gas Monitoring Wells</i>								
SGW-1	04/06/11	2.5	6	0.25	2.5	2-2.5	mesh	hand digging
SGW-2	04/07/11	1.5	6	0.25	1.5	1-1.5	mesh	hand digging
Notes: HSA = hollow stem auger								





GENERAL NOTES:  
 BASE MAP FROM U.S.G.S.  
 OAKLAND EAST, CA.  
 7.5 MINUTE TOPOGRAPHIC  
 PHOTOREVISED 1980



QUADRANGLE LOCATION



SCALE 1:24,000

*STRATUS*  
 ENVIRONMENTAL, INC.

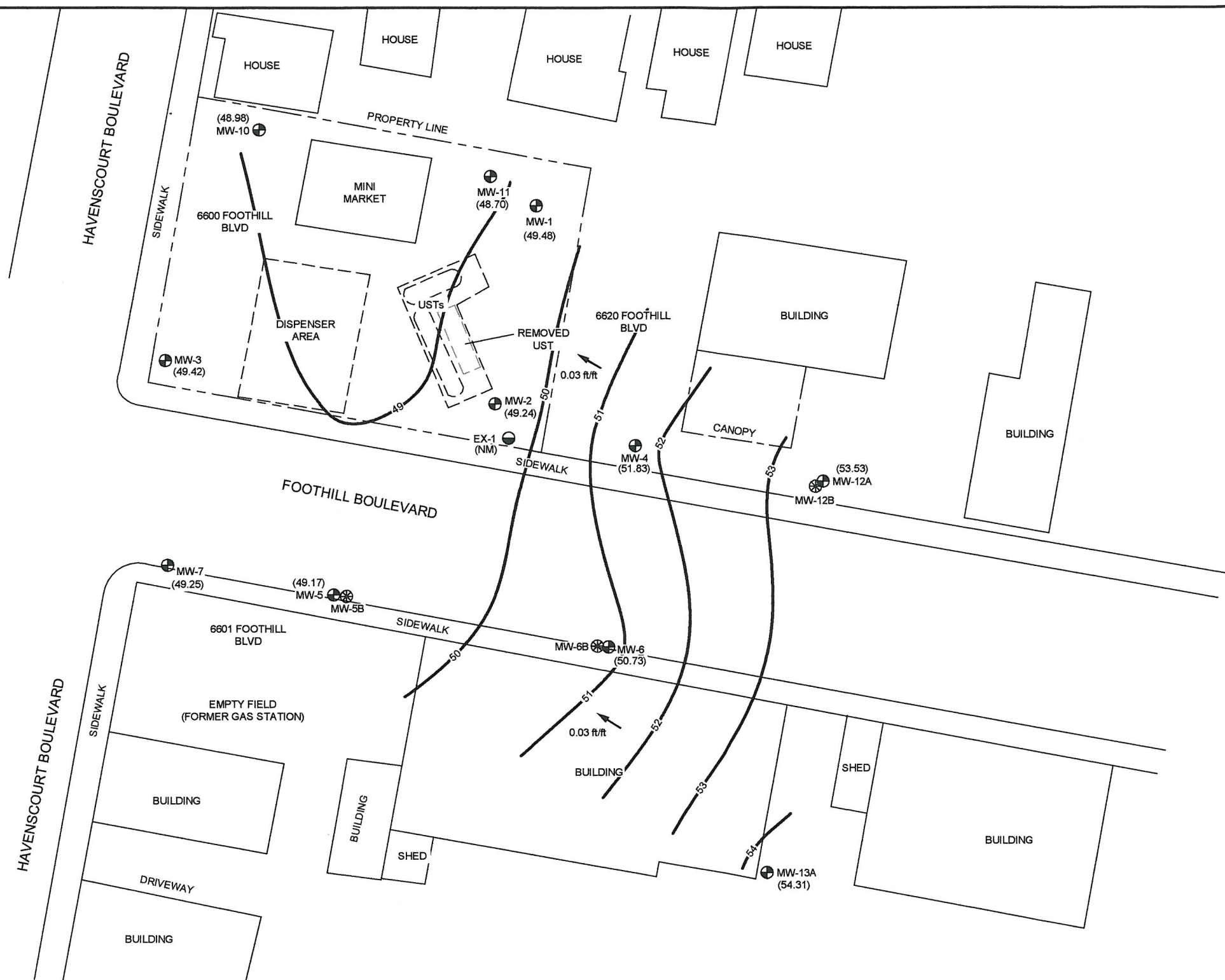
FOOTHILL MINI MART  
 6600 FOOTHILL BOULEVARD  
 OAKLAND, CALIFORNIA

SITE LOCATION MAP

FIGURE

1

PROJECT NO.  
 2087-6600-01



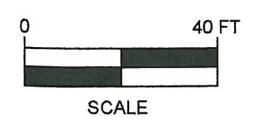
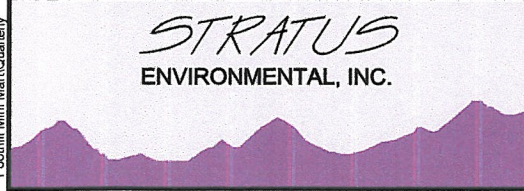
LEGEND:

- ⊕ MW-1 SHALLOW SCREENED MONITORING WELL LOCATION
- ⊗ MW-5B DEEP SCREENED MONITORING WELL LOCATION
- ⊖ EX-1 APPROXIMATE EXTRACTION WELL LOCATION
- (49.48) GROUNDWATER ELEVATION IN FEET RELATIVE TO MSL
- 51— GROUNDWATER ELEVATION CONTOUR IN FEET RELATIVE TO MSL
- ➔ INFERRERD GROUNDWATER FLOW DIRECTION

WELLS MEASURED ON 12/13/11  
 MSL = MEAN SEA LEVEL  
 \* NOT USED FOR CONTOURING  
 (NM) = NOT MEASURED

NOTE: LOCATIONS OF SITE FEATURES, WELLS, & BORINGS ARE APPROXIMATE

JMP\_REV January 5, 2012 Foothill Quarterly Figures



FOOTHILL MINI MART  
 6600 Foothill Boulevard  
 OAKLAND, CALIFORNIA  
 GROUNDWATER ELEVATION CONTOUR MAP  
 SHALLOW SCREENED WELLS  
 4th QUARTER 2011

FIGURE  
**2**  
 PROJECT NO.  
 2087-6600-01



LEGEND:

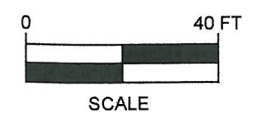
- ⊕ MW-1 SHALLOW SCREENED MONITORING WELL LOCATION
- ⊗ MW-5B DEEP SCREENED MONITORING WELL LOCATION
- ⊖ EX-1 APPROXIMATE EXTRACTION WELL LOCATION
- (45.75) GROUNDWATER ELEVATION IN FEET RELATIVE TO MSL

WELLS MEASURED ON 12/13/11  
MSL = MEAN SEA LEVEL

Foothill Mini Mart Quarterly Figures  
 January 5, 2012  
 REV  
 JUMP

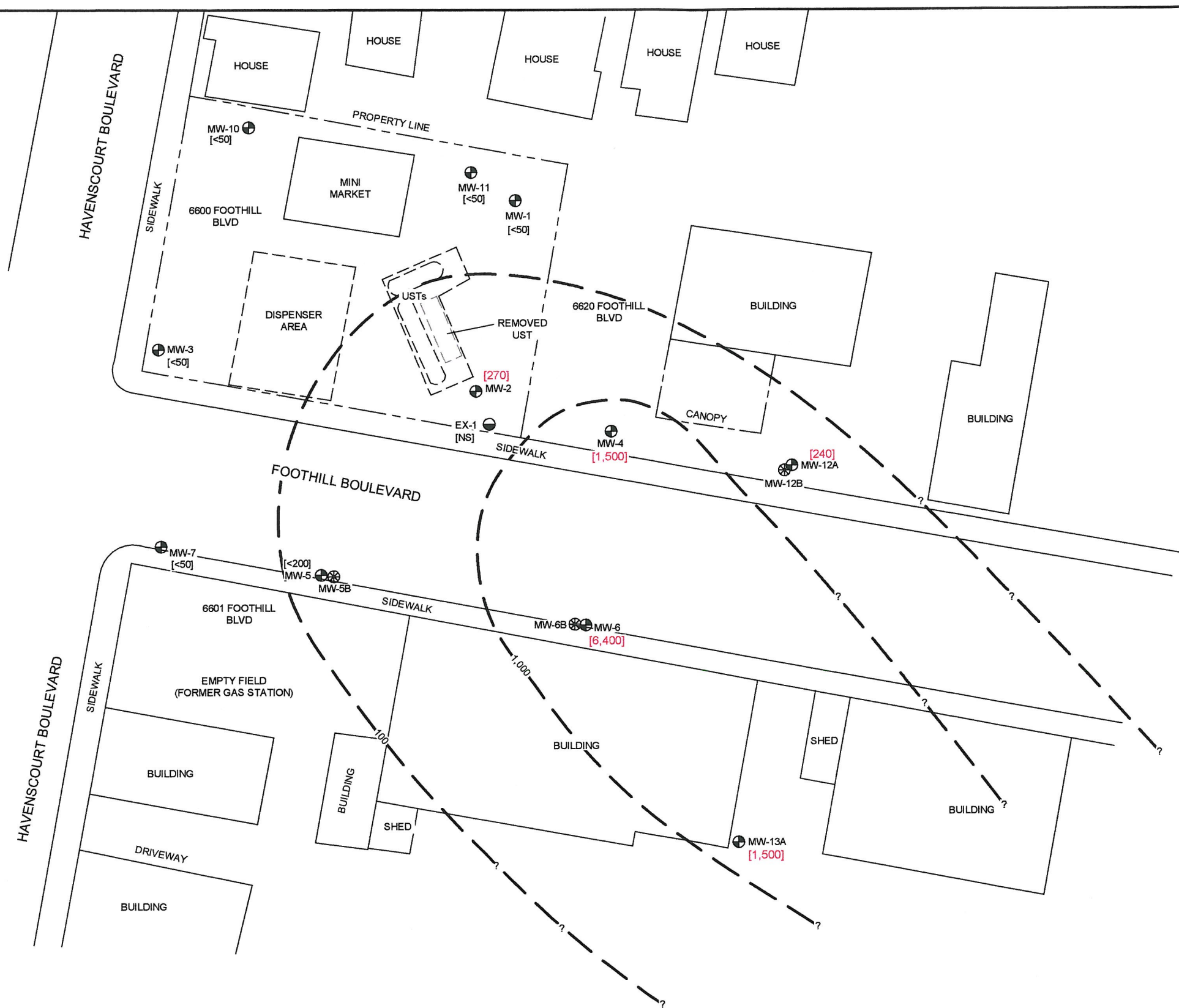
NOTE: LOCATIONS OF SITE FEATURES, WELLS, & BORINGS ARE APPROXIMATE

**STRATUS**  
ENVIRONMENTAL, INC.



FOOTHILL MINI MART  
6600 FOOTHILL BOULEVARD  
OAKLAND, CALIFORNIA  
GROUNDWATER ELEVATION MAP  
DEEP SCREENED WELLS  
4th QUARTER 2011

FIGURE  
**3**  
PROJECT NO.  
2087-6600-01



LEGEND:

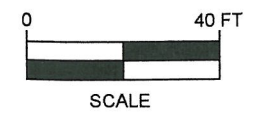
- ⊕ MW-1 SHALLOW SCREENED MONITORING WELL LOCATION
- ⊗ MW-5B DEEP SCREENED MONITORING WELL LOCATION
- ⊖ EX-1 APPROXIMATE EXTRACTION WELL LOCATION

[<math>[<50]</math>] GASOLINE RANGE ORGANICS (GRO) CONCENTRATION IN µg/L

WELLS SAMPLED ON 12/13/11  
GRO ANALYZED BY EPA METHOD 8015B  
[NS] = NOT SAMPLED

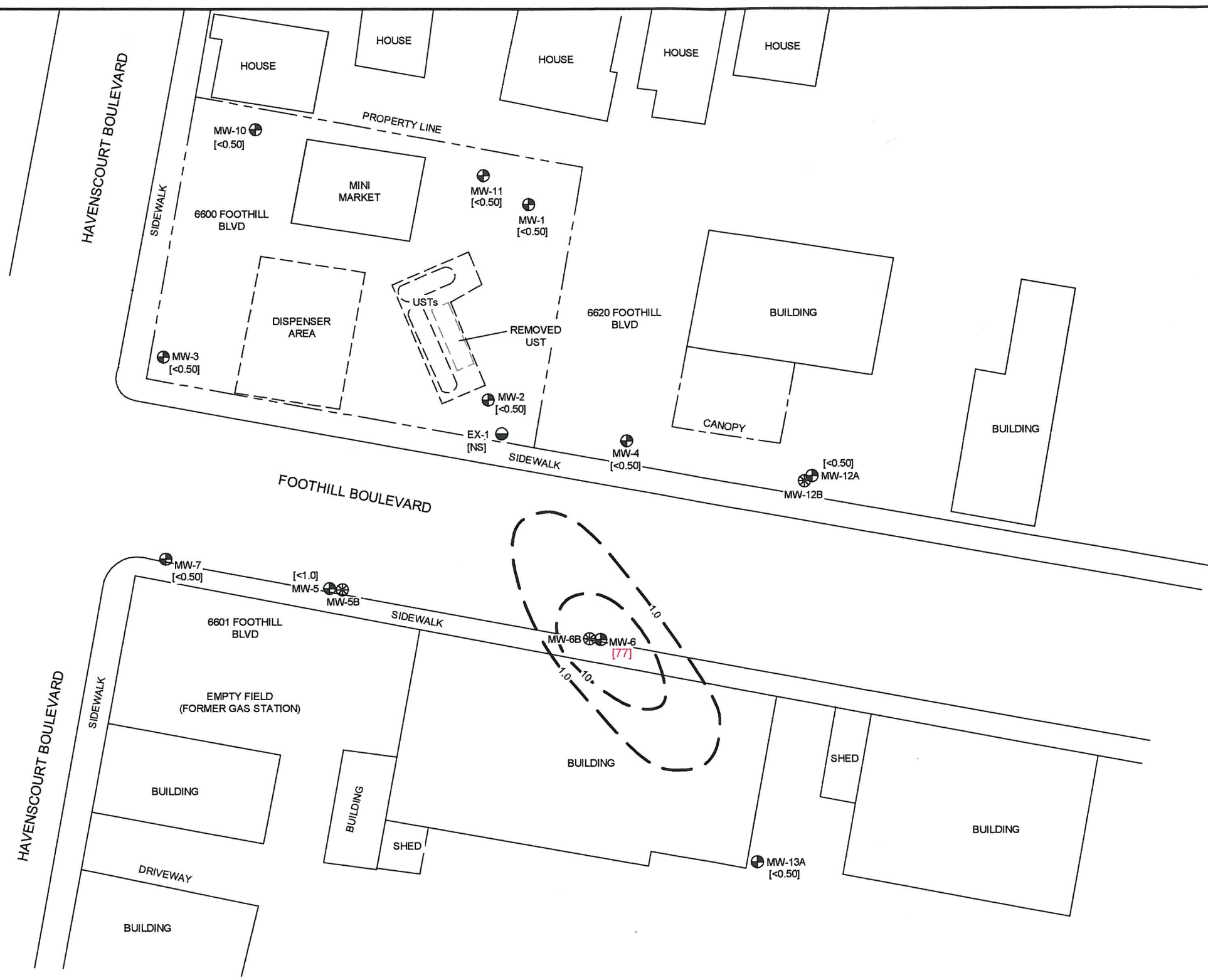
NOTE: LOCATIONS OF SITE FEATURES, WELLS, & BORINGS ARE APPROXIMATE

Foothill Mini Mart Quarterly  
JMP REV January 5, 2012 Foothill Quarterly Figures



FOOTHILL MINI MART  
6600 FOOTHILL BOULEVARD  
OAKLAND, CALIFORNIA  
GRO ISO-CONCENTRATION CONTOUR MAP  
SHALLOW SCREENED WELLS  
4th QUARTER 2011

FIGURE  
**4**  
PROJECT NO.  
2087-6600-01



LEGEND:

- ⊕ MW-1 SHALLOW SCREENED MONITORING WELL LOCATION
- ⊗ MW-5B DEEP SCREENED MONITORING WELL LOCATION
- ⊖ EX-1 APPROXIMATE EXTRACTION WELL LOCATION

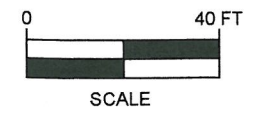
[<0.50] BENZENE CONCENTRATION IN µg/L

WELLS SAMPLED ON 12/13/11  
 BENZENE ANALYZED BY EPA METHOD 8260B  
 [NS] = NOT SAMPLED

JMP REV January 5, 2012 Foothill Quarterly Figures Foothill Mini Mart Quarterly

NOTE: LOCATIONS OF SITE FEATURES, WELLS, & BORINGS ARE APPROXIMATE

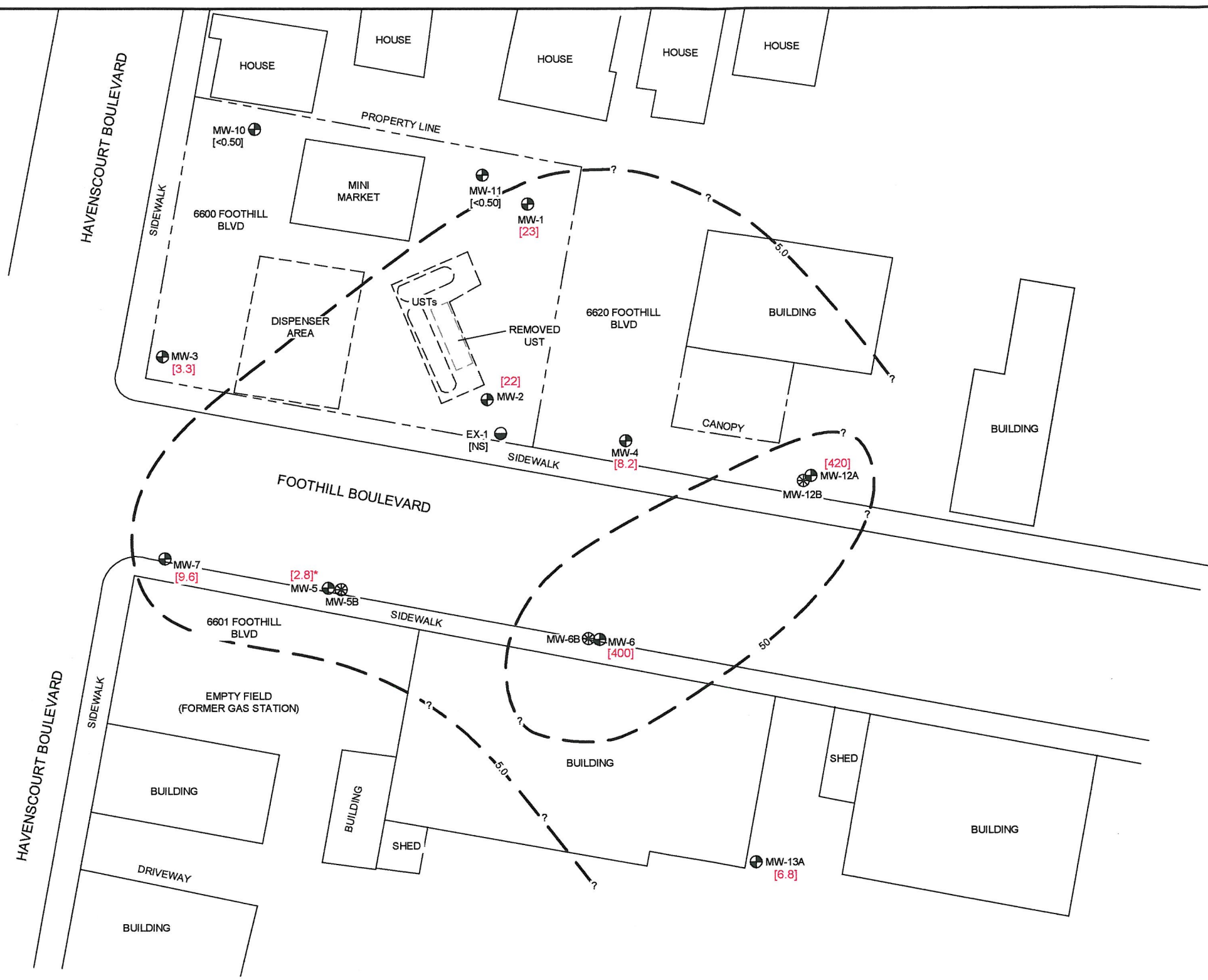
**STRATUS**  
 ENVIRONMENTAL, INC.



FOOTHILL MINI MART  
 6600 FOOTHILL BOULEVARD  
 OAKLAND, CALIFORNIA

BENZENE ISO-CONCENTRATION CONTOUR MAP  
 SHALLOW SCREENED WELLS  
 4th QUARTER 2011

FIGURE  
**5**  
 PROJECT NO.  
 2087-6600-01



LEGEND:

- ⊕ MW-1 SHALLOW SCREENED MONITORING WELL LOCATION
- ⊗ MW-5B DEEP SCREENED MONITORING WELL LOCATION
- ⊖ EX-1 APPROXIMATE EXTRACTION WELL LOCATION

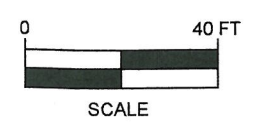
[<math><0.50</math>] METHYL TERTIARY BUTYL ETHER (MTBE) IN  $\mu\text{g/L}$

WELLS SAMPLED ON 12/13/11  
 MTBE ANALYZED BY EPA METHOD 8260B  
 [NS] = NOT SAMPLED  
 \* NOT USED FOR CONTOURING

NOTE: LOCATIONS OF SITE FEATURES, WELLS, & BORINGS ARE APPROXIMATE

JMP REV January 5, 2012 Foothill Quarterly Figures Foothill Mini Mart Quarterly

**STRATUS**  
ENVIRONMENTAL, INC.



FOOTHILL MINI MART  
 6600 FOOTHILL BOULEVARD  
 OAKLAND, CALIFORNIA  
 MTBE ISO-CONCENTRATION CONTOUR MAP  
 SHALLOW SCREENED WELLS  
 4th QUARTER 2011

FIGURE  
**6**  
 PROJECT NO.  
 2087-6600-01



LEGEND:

- ⊕ MW-1 SHALLOW SCREENED MONITORING WELL LOCATION
- ⊗ MW-5B DEEP SCREENED MONITORING WELL LOCATION
- ⊙ EX-1 APPROXIMATE EXTRACTION WELL LOCATION

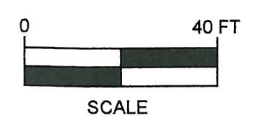
[<10] TERT-BUTYL ALCOHOL (TBA) CONCENTRATION IN µg/L

WELLS SAMPLED ON 12/13/11  
 TBA ANALYZED BY EPA METHOD 8260B  
 [NS] = NOT SAMPLED

NOTE: LOCATIONS OF SITE FEATURES, WELLS, & BORINGS ARE APPROXIMATE

JMP\_REV January 5, 2012 Foothill Quarterly Figures Foothill Mini Mart Quarterly

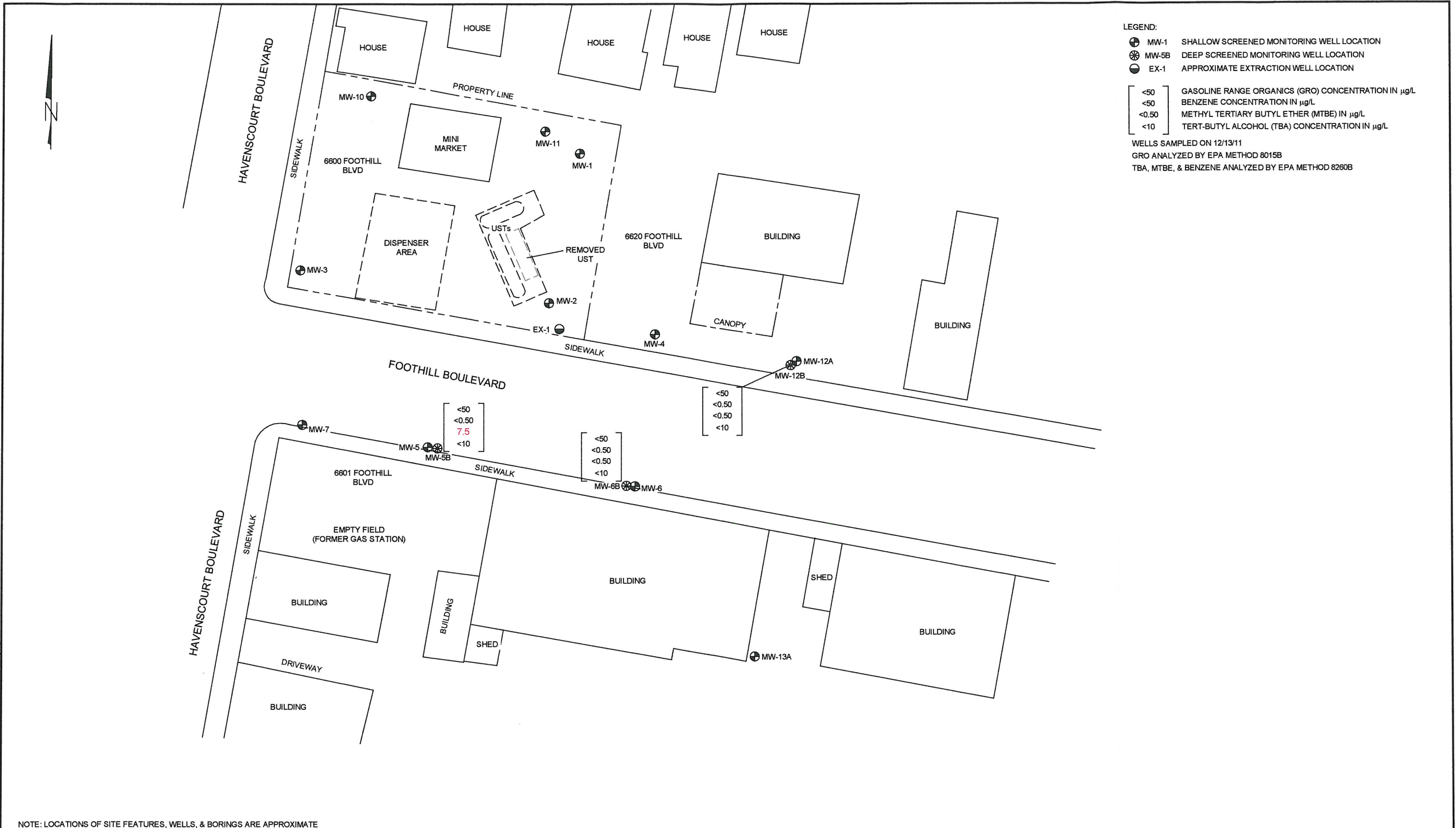
**STRATUS**  
 ENVIRONMENTAL, INC.



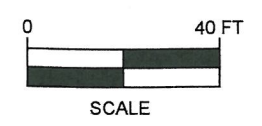
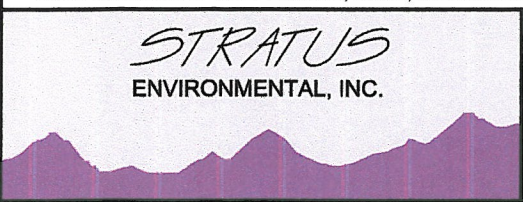
FOOTHILL MINI MART  
 6600 FOOTHILL BOULEVARD  
 OAKLAND, CALIFORNIA

TBA ISO-CONCENTRATION CONTOUR MAP  
 SHALLOW SCREENED WELLS  
 4th QUARTER 2011

FIGURE  
**7**  
 PROJECT NO.  
 2087-6600-01



JMP REV January 5, 2012 Foothill Quarterly Figures Foothill Mini Mart/Quarterly



FOOTHILL MINI MART  
 6600 FOOTHILL BOULEVARD  
 OAKLAND, CALIFORNIA

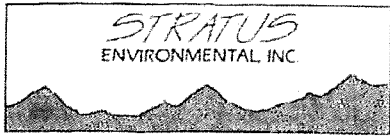
GROUNDWATER ANALYTICAL SUMMARY  
 DEEP SCREENED WELLS  
 4th QUARTER 2011

FIGURE  
**8**  
 PROJECT NO.  
 2087-6600-01



**APPENDIX A**  
**FIELD DATA SHEETS**

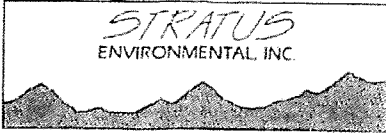




Site Address 6600 Foothill Blvd  
 City Oakland  
 Sampled By: Vince Zalutka  
 Signature VZ

Site Number Foothill Mini Mart  
 Project Number 2087-6600-01  
 Project PM Scott Bittinger  
 DATE 12-13-11

Well ID <u>MW-5B</u>					Well ID <u>MW-5</u>				
Purge start time <u>0556</u>		Odor <u>(Y) N</u>			Purge start time <u>0626</u>		Odor <u>Y (N)</u>		
<u>Bail</u>	Temp C	pH	cond	gallons	<u>Bail</u>	Temp C	pH	cond	gallons
time <u>0556</u>	<u>15.6</u>	<u>7.17</u>	<u>359</u>	<u>8</u>	time <u>0626</u>	<u>16.1</u>	<u>6.53</u>	<u>321</u>	<u>8</u>
time <u>0606</u>	<u>17.3</u>	<u>7.00</u>	<u>378</u>	<u>8</u>	time <u>0630</u>	<u>17.8</u>	<u>6.56</u>	<u>324</u>	<u>2.5</u>
time <u>0620</u>	<u>Dry @ 14.5 gal</u>				time <u>0636</u>	<u>Low @ 5.5 gal</u>			
time <u>0807</u>	<u>17.6</u>	<u>7.01</u>	<u>373</u>	<u>14.5</u>	time <u>0740</u>	<u>17.9</u>	<u>6.53</u>	<u>332</u>	<u>5.5</u>
purge stop time <u>0620</u>		ORP <u>132</u>			purge stop time <u>0636</u>		ORP <u>133</u>		
Well ID <u>MW-6B</u>					Well ID <u>MW-6</u>				
Purge start time <u>0643</u>		Odor <u>Y (N)</u>			Purge start time <u>0659</u>		Odor <u>(Y) (N)</u>		
<u>Bail</u>	Temp C	pH	cond	gallons	<u>Bail</u>	Temp C	pH	cond	gallons
time <u>0643</u>	<u>17.2</u>	<u>6.89</u>	<u>325</u>	<u>8</u>	time <u>0659</u>	<u>16.3</u>	<u>6.62</u>	<u>438</u>	<u>8</u>
time <u>0648</u>	<u>17.3</u>	<u>6.97</u>	<u>328</u>	<u>2.25</u>	time <u>0705</u>	<u>17.2</u>	<u>6.73</u>	<u>432</u>	<u>3</u>
time <u>0654</u>	<u>Low @ 4.5 gal</u>				time <u>0711</u>	<u>Low @ 6.0</u>			
time <u>0817</u>	<u>17.1</u>	<u>7.16</u>	<u>339</u>	<u>4.5</u>	time <u>0753</u>	<u>16.9</u>	<u>6.62</u>	<u>412</u>	<u>6.0</u>
purge stop time <u>0654</u>		ORP <u>131</u>			purge stop time <u>0711</u>		ORP <u>92</u>		
Well ID <u>MW-7</u>					Well ID <u>MW-4</u>				
Purge start time <u>0717</u>		Odor <u>Y (N)</u>			Purge start time <u>0910</u>		Odor <u>(Y) N</u>		
<u>Bail</u>	Temp C	pH	cond	gallons	<u>Bail</u>	Temp C	pH	cond	gallons
time <u>0717</u>	<u>16.8</u>	<u>6.62</u>	<u>384</u>	<u>8</u>	time <u>0910</u>	<u>16.8</u>	<u>6.62</u>	<u>402</u>	<u>8</u>
time <u>0724</u>	<u>18.3</u>	<u>6.53</u>	<u>387</u>	<u>3.5</u>	time <u>0915</u>	<u>17.7</u>	<u>6.65</u>	<u>385</u>	<u>3.25</u>
time <u>0732</u>	<u>Low @ 7.5</u>				time <u>0920</u>	<u>Low @ 6.5 gal</u>			
time <u>0826</u>	<u>18.0</u>	<u>6.79</u>	<u>414</u>	<u>7.5</u>	time <u>1300</u>	<u>19.8</u>	<u>6.38</u>	<u>461</u>	<u>4.5</u>
purge stop time <u>0732</u>		ORP <u>5</u>			purge stop time <u>0920</u>		ORP <u>-53</u>		
Well ID <u>MW-12B</u>					Well ID <u>MW-12A</u>				
Purge start time <u>0924</u>		Odor <u>Y (N)</u>			Purge start time <u>0933</u>		Odor <u>Y (N)</u>		
<u>Bail</u>	Temp C	pH	cond	gallons	<u>Bail</u>	Temp C	pH	cond	gallons
time <u>0924</u>	<u>17.7</u>	<u>7.14</u>	<u>421</u>	<u>8</u>	time <u>0933</u>	<u>18.8</u>	<u>6.23</u>	<u>322</u>	<u>8</u>
time <u>0927</u>	<u>18.2</u>	<u>7.32</u>	<u>448</u>	<u>1</u>	time <u>0938</u>	<u>19.2</u>	<u>6.09</u>	<u>320</u>	<u>3.5</u>
time <u>0930</u>	<u>Low @ 2</u>				time <u>0942</u>	<u>Low @ 6.0 gal</u>			
time <u>1247</u>	<u>18.2</u>	<u>6.87</u>	<u>557</u>	<u>2.0</u>	time <u>1253</u>	<u>19.1</u>	<u>6.37</u>	<u>359</u>	<u>6.0</u>
purge stop time <u>0930</u>		ORP <u>-92</u>			purge stop time <u>0942</u>		ORP <u>-25</u>		



Site Address 6600 Foothill Blvd  
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Site Number Foothill Mini Mart  
 Project Number 2087-6600-01  
 Project PM Scott Bittinger  
 DATE 12-13-11

Well ID <u>MW-10</u>					Well ID <u>MW-13</u>				
Purge start time <u>1017</u>		Odor Y <input checked="" type="radio"/> N			Purge start time <u>1041</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>1017</u>	<u>18.0</u>	<u>6.24</u>	<u>361</u>	<u>2</u>	time <u>1041</u>	<u>16.1</u>	<u>6.43</u>	<u>362</u>	<u>2</u>
time <u>1022</u>	<u>18.0</u>	<u>6.33</u>	<u>370</u>	<u>3</u>	time <u>1048</u>	<u>17.7</u>	<u>6.48</u>	<u>351</u>	<u>4</u>
time <u>1037</u>	<u>Low @ 6.0</u>				time <u>1101</u>	<u>17.7</u>	<u>6.51</u>	<u>339</u>	<u>9</u>
time <u>1321</u>	<u>18.2</u>	<u>6.37</u>	<u>372</u>	<u>6.0</u>	time				
purge stop time <u>1037</u>		ORP <u>35</u>			purge stop time <u>1101</u>		ORP <u>68</u>		
Well ID <u>MW-3</u>					Well ID <del>XXXXXXXXXX</del>				
Purge start time <u>1115</u>		Odor Y <input checked="" type="radio"/> N			Purge start time <del>1132</del>		Odor <del>Y <input checked="" type="radio"/> N</del>		
<u>Pump</u>	Temp C	pH	cond	gallons	<del>Bail</del>	Temp C	pH	cond	gallons
time <u>1115</u>	<u>18.7</u>	<u>6.01</u>	<u>314</u>	<u>2</u>	time <del>1132</del>	<del>17.2</del>	<del>6.45</del>	<del>695</del>	<del>2</del>
time <u>1118</u>	<u>19.9</u>	<u>6.14</u>	<u>324</u>	<u>3.0</u>	time <del>1138</del>	<del>18.1</del>	<del>6.49</del>	<del>685</del>	<del>3.23</del>
time <u>1120</u>	<u>Dry @ 4.5 gal</u>				time <del>1144</del>	<del>17.0</del>	<del>6.46</del>	<del>672</del>	<del>6.5</del>
time <u>1336</u>	<u>19.1</u>	<u>6.09</u>	<u>307</u>	<u>4.5</u>	time <del>1144</del>	<del>18.8</del>	<del>5.97</del>	<del>672</del>	<del>6.5</del>
purge stop time <u>1120</u>		ORP <u>85</u>			purge stop time <del>1144</del>		ORP <del>119</del>		
Well ID <u>MW-1</u>					Well ID <u>MW-2</u>				
Purge start time <u>1150</u>		Odor Y <input checked="" type="radio"/> N			Purge start time <u>1204</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>1150</u>	<u>19.3</u>	<u>5.76</u>	<u>378</u>	<u>2</u>	time <u>1204</u>	<u>20.0</u>	<u>6.25</u>	<u>480</u>	<u>2</u>
time <u>1155</u>	<u>19.4</u>	<u>5.74</u>	<u>369</u>	<u>3.5</u>	time <u>1210</u>	<u>20.4</u>	<u>6.26</u>	<u>491</u>	<u>3.5</u>
time <u>1200</u>	<u>Low @ 7 gal</u>				time <u>1217</u>	<u>Low @ 7.5 gal</u>			
time <u>1401</u>	<u>19.0</u>	<u>5.87</u>	<u>355</u>	<u>7.0</u>	time <u>1417</u>	<u>19.7</u>	<u>6.21</u>	<u>498</u>	
purge stop time <u>1200</u>		ORP <u>77</u>			purge stop time <u>1217</u>		ORP <u>76</u>		
Well ID <u>MW-11</u>					Well ID				
Purge start time <u>1132</u>		Odor Y <input checked="" type="radio"/> N			Purge start time		Odor Y N		
<u>Bail</u>	Temp C	pH	cond	gallons		Temp C	pH	cond	gallons
time <u>1132</u>	<u>17.7</u>	<u>5.85</u>	<u>595</u>	<u>2</u>	time				
time <u>1138</u>	<u>18.1</u>	<u>5.79</u>	<u>585</u>	<u>3.25</u>	time				
time <u>1144</u>	<u>Low @ 6.5 gal</u>				time				
time <u>1236</u>	<u>18.8</u>	<u>5.97</u>	<u>672</u>	<u>6.5</u>	time				
purge stop time <u>1144</u>		ORP <u>119</u>			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<sup>®</sup> 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<sup>®</sup> sheeting and plastic caps. The sample is then placed in a Ziploc<sup>®</sup> 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.

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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 : 12/15/11

Job: Foothill Mini Mart

GC/MSD by Direct Injection  
EPA Method SW8260B-DI

Parameter	Concentration	Reporting Limit	Date Extracted	Date Analyzed
Client ID: <b>MW-1</b>				
Lab ID : STR11121502-01A Methanol	ND	50 µg/L	12/19/11	12/19/11
Date Sampled 12/13/11 14:01 Ethanol	ND	5.0 µg/L	12/19/11	12/19/11
Client ID: <b>MW-2</b>				
Lab ID : STR11121502-02A Methanol	ND	50 µg/L	12/19/11	12/19/11
Date Sampled 12/13/11 14:17 Ethanol	ND	5.0 µg/L	12/19/11	12/19/11
Client ID: <b>MW-3</b>				
Lab ID : STR11121502-03A Methanol	ND	50 µg/L	12/19/11	12/19/11
Date Sampled 12/13/11 13:36 Ethanol	ND	5.0 µg/L	12/19/11	12/19/11
Client ID: <b>MW-4</b>				
Lab ID : STR11121502-04A Methanol	ND	50 µg/L	12/19/11	12/19/11
Date Sampled 12/13/11 13:00 Ethanol	ND	5.0 µg/L	12/19/11	12/19/11
Client ID: <b>MW-5</b>				
Lab ID : STR11121502-05A Methanol	ND	50 µg/L	12/19/11	12/19/11
Date Sampled 12/13/11 07:40 Ethanol	ND	5.0 µg/L	12/19/11	12/19/11
Client ID: <b>MW-5B</b>				
Lab ID : STR11121502-06A Methanol	ND	50 µg/L	12/19/11	12/19/11
Date Sampled 12/13/11 08:07 Ethanol	ND	5.0 µg/L	12/19/11	12/19/11
Client ID: <b>MW-6</b>				
Lab ID : STR11121502-07A Methanol	ND	50 µg/L	12/19/11	12/19/11
Date Sampled 12/13/11 07:53 Ethanol	ND	5.0 µg/L	12/19/11	12/19/11
Client ID: <b>MW-6B</b>				
Lab ID : STR11121502-08A Methanol	ND	50 µg/L	12/19/11	12/19/11
Date Sampled 12/13/11 08:17 Ethanol	ND	5.0 µg/L	12/19/11	12/19/11
Client ID: <b>MW-7</b>				
Lab ID : STR11121502-09A Methanol	ND	50 µg/L	12/19/11	12/19/11
Date Sampled 12/13/11 08:26 Ethanol	ND	5.0 µg/L	12/19/11	12/19/11
Client ID: <b>MW-10</b>				
Lab ID : STR11121502-10A Methanol	ND	50 µg/L	12/19/11	12/19/11
Date Sampled 12/13/11 13:21 Ethanol	ND	5.0 µg/L	12/19/11	12/19/11
Client ID: <b>MW-11</b>				
Lab ID : STR11121502-11A Methanol	ND	50 µg/L	12/19/11	12/19/11
Date Sampled 12/13/11 12:36 Ethanol	ND	5.0 µg/L	12/19/11	12/19/11



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Client ID: **MW-12A**

Lab ID :	STR11121502-12A	Methanol	ND	50 µg/L	12/19/11	12/19/11
Date Sampled	12/13/11 12:53	Ethanol	ND	5.0 µg/L	12/19/11	12/19/11

Client ID: **MW-12B**

Lab ID :	STR11121502-13A	Methanol	ND	50 µg/L	12/19/11	12/19/11
Date Sampled	12/13/11 12:47	Ethanol	ND	5.0 µg/L	12/19/11	12/19/11

Client ID: **MW-13A**

Lab ID :	STR11121502-14A	Methanol	ND	50 µg/L	12/19/11	12/19/11
Date Sampled	12/13/11 11:01	Ethanol	ND	5.0 µg/L	12/19/11	12/19/11

ND = Not Detected

*Roger Scholl*      *Randy Gardner*      *Walter Hinchman*

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

12/22/11

**Report Date**



# Alpha Analytical, Inc.

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## ANALYTICAL REPORT

Stratus Environmental  
3330 Cameron Park Drive  
Cameron Park, CA 956828861

Attn: Scott Bitteringer  
Phone: (530) 676-2062  
Fax: (530) 676-6005  
Date Received : 12/15/11

Job: Foothill Mini Mart

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 : <b>MW-1</b>					
Lab ID : STR11121502-01A	TPH-P (GRO)	ND	50 µg/L	12/19/11	12/19/11
Date Sampled 12/13/11 14:01	Tertiary Butyl Alcohol (TBA)	ND	10 µg/L	12/19/11	12/19/11
	Methyl tert-butyl ether (MTBE)	23	0.50 µg/L	12/19/11	12/19/11
	Di-isopropyl Ether (DIPE)	ND	1.0 µg/L	12/19/11	12/19/11
	Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0 µg/L	12/19/11	12/19/11
	Benzene	ND	0.50 µg/L	12/19/11	12/19/11
	Tertiary Amyl Methyl Ether (TAME)	ND	1.0 µg/L	12/19/11	12/19/11
	Toluene	ND	0.50 µg/L	12/19/11	12/19/11
	Ethylbenzene	ND	0.50 µg/L	12/19/11	12/19/11
	m,p-Xylene	ND	0.50 µg/L	12/19/11	12/19/11
	o-Xylene	ND	0.50 µg/L	12/19/11	12/19/11
Client ID : <b>MW-2</b>					
Lab ID : STR11121502-02A	TPH-P (GRO)	270	50 µg/L	12/19/11	12/19/11
Date Sampled 12/13/11 14:17	Tertiary Butyl Alcohol (TBA)	840	10 µg/L	12/19/11	12/19/11
	Methyl tert-butyl ether (MTBE)	22	0.50 µg/L	12/19/11	12/19/11
	Di-isopropyl Ether (DIPE)	ND	1.0 µg/L	12/19/11	12/19/11
	Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0 µg/L	12/19/11	12/19/11
	Benzene	ND	0.50 µg/L	12/19/11	12/19/11
	Tertiary Amyl Methyl Ether (TAME)	ND	1.0 µg/L	12/19/11	12/19/11
	Toluene	ND	0.50 µg/L	12/19/11	12/19/11
	Ethylbenzene	ND	0.50 µg/L	12/19/11	12/19/11
	m,p-Xylene	ND	0.50 µg/L	12/19/11	12/19/11
	o-Xylene	ND	0.50 µg/L	12/19/11	12/19/11
Client ID : <b>MW-3</b>					
Lab ID : STR11121502-03A	TPH-P (GRO)	ND	50 µg/L	12/19/11	12/19/11
Date Sampled 12/13/11 13:36	Tertiary Butyl Alcohol (TBA)	ND	10 µg/L	12/19/11	12/19/11
	Methyl tert-butyl ether (MTBE)	3.3	0.50 µg/L	12/19/11	12/19/11
	Di-isopropyl Ether (DIPE)	ND	1.0 µg/L	12/19/11	12/19/11
	Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0 µg/L	12/19/11	12/19/11
	Benzene	ND	0.50 µg/L	12/19/11	12/19/11
	Tertiary Amyl Methyl Ether (TAME)	ND	1.0 µg/L	12/19/11	12/19/11
	Toluene	ND	0.50 µg/L	12/19/11	12/19/11
	Ethylbenzene	ND	0.50 µg/L	12/19/11	12/19/11
	m,p-Xylene	ND	0.50 µg/L	12/19/11	12/19/11
	o-Xylene	ND	0.50 µg/L	12/19/11	12/19/11



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Client ID	Lab ID	Date Sampled	Compound	Concentration	Unit	Sample Date	Report Date	
MW-4	STR11121502-04A	12/13/11 13:00	TPH-P (GRO)	1,500	100 µg/L	12/19/11	12/19/11	
			Tertiary Butyl Alcohol (TBA)	1,700	10 µg/L	12/19/11	12/19/11	
			Methyl tert-butyl ether (MTBE)	8.2	0.50 µg/L	12/19/11	12/19/11	
			Di-isopropyl Ether (DIPE)	ND	1.0 µg/L	12/19/11	12/19/11	
			Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0 µg/L	12/19/11	12/19/11	
			Benzene	ND	0.50 µg/L	12/19/11	12/19/11	
			Tertiary Amyl Methyl Ether (TAME)	ND	1.0 µg/L	12/19/11	12/19/11	
			Toluene	0.54	0.50 µg/L	12/19/11	12/19/11	
			Ethylbenzene	0.55	0.50 µg/L	12/19/11	12/19/11	
			m,p-Xylene	0.58	0.50 µg/L	12/19/11	12/19/11	
			o-Xylene	0.63	0.50 µg/L	12/19/11	12/19/11	
			MW-5	STR11121502-05A	12/13/11 07:40	TPH-P (GRO)	ND	V
Tertiary Butyl Alcohol (TBA)	2,800					20 µg/L	12/19/11	12/19/11
Methyl tert-butyl ether (MTBE)	2.8					1.0 µg/L	12/19/11	12/19/11
Di-isopropyl Ether (DIPE)	ND	V				2.0 µg/L	12/19/11	12/19/11
Ethyl Tertiary Butyl Ether (ETBE)	ND	V				2.0 µg/L	12/19/11	12/19/11
Benzene	ND	V				1.0 µg/L	12/19/11	12/19/11
Tertiary Amyl Methyl Ether (TAME)	ND	V				2.0 µg/L	12/19/11	12/19/11
Toluene	ND	V				1.0 µg/L	12/19/11	12/19/11
Ethylbenzene	ND	V				1.0 µg/L	12/19/11	12/19/11
m,p-Xylene	ND	V				1.0 µg/L	12/19/11	12/19/11
o-Xylene	ND	V				1.0 µg/L	12/19/11	12/19/11
MW-5B	STR11121502-06A	12/13/11 08:07				TPH-P (GRO)	ND	
			Tertiary Butyl Alcohol (TBA)	ND		10 µg/L	12/20/11	12/20/11
			Methyl tert-butyl ether (MTBE)	7.5		0.50 µg/L	12/20/11	12/20/11
			Di-isopropyl Ether (DIPE)	ND		1.0 µg/L	12/20/11	12/20/11
			Ethyl Tertiary Butyl Ether (ETBE)	ND		1.0 µg/L	12/20/11	12/20/11
			Benzene	ND		0.50 µg/L	12/20/11	12/20/11
			Tertiary Amyl Methyl Ether (TAME)	ND		1.0 µg/L	12/20/11	12/20/11
			Toluene	ND		0.50 µg/L	12/20/11	12/20/11
			Ethylbenzene	ND		0.50 µg/L	12/20/11	12/20/11
			m,p-Xylene	ND		0.50 µg/L	12/20/11	12/20/11
			o-Xylene	ND		0.50 µg/L	12/20/11	12/20/11
			MW-6	STR11121502-07A	12/13/11 07:53	TPH-P (GRO)	6,400	500 µg/L
Tertiary Butyl Alcohol (TBA)	1,200	50 µg/L				12/19/11	12/19/11	
Methyl tert-butyl ether (MTBE)	400	2.5 µg/L				12/19/11	12/19/11	
Di-isopropyl Ether (DIPE)	ND	V				5.0 µg/L	12/19/11	12/19/11
Ethyl Tertiary Butyl Ether (ETBE)	ND	V				5.0 µg/L	12/19/11	12/19/11
Benzene	77					2.5 µg/L	12/19/11	12/19/11
Tertiary Amyl Methyl Ether (TAME)	ND	V				5.0 µg/L	12/19/11	12/19/11
Toluene	ND	V				2.5 µg/L	12/19/11	12/19/11
Ethylbenzene	19					2.5 µg/L	12/19/11	12/19/11
m,p-Xylene	19					2.5 µg/L	12/19/11	12/19/11
o-Xylene	ND	V				2.5 µg/L	12/19/11	12/19/11



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Client ID :	<b>MW-6B</b>					
Lab ID :	STR11121502-08A	TPH-P (GRO)	ND	50 µg/L	12/19/11	12/19/11
Date Sampled	12/13/11 08:17	Tertiary Butyl Alcohol (TBA)	ND	10 µg/L	12/19/11	12/19/11
		Methyl tert-butyl ether (MTBE)	ND	0.50 µg/L	12/19/11	12/19/11
		Di-isopropyl Ether (DIPE)	ND	1.0 µg/L	12/19/11	12/19/11
		Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0 µg/L	12/19/11	12/19/11
		Benzene	ND	0.50 µg/L	12/19/11	12/19/11
		Tertiary Amyl Methyl Ether (TAME)	ND	1.0 µg/L	12/19/11	12/19/11
		Toluene	ND	0.50 µg/L	12/19/11	12/19/11
		Ethylbenzene	ND	0.50 µg/L	12/19/11	12/19/11
		m,p-Xylene	ND	0.50 µg/L	12/19/11	12/19/11
		o-Xylene	ND	0.50 µg/L	12/19/11	12/19/11
Client ID :	<b>MW-7</b>					
Lab ID :	STR11121502-09A	TPH-P (GRO)	ND	50 µg/L	12/19/11	12/19/11
Date Sampled	12/13/11 08:26	Tertiary Butyl Alcohol (TBA)	ND	10 µg/L	12/19/11	12/19/11
		Methyl tert-butyl ether (MTBE)	9.6	0.50 µg/L	12/19/11	12/19/11
		Di-isopropyl Ether (DIPE)	ND	1.0 µg/L	12/19/11	12/19/11
		Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0 µg/L	12/19/11	12/19/11
		Benzene	ND	0.50 µg/L	12/19/11	12/19/11
		Tertiary Amyl Methyl Ether (TAME)	ND	1.0 µg/L	12/19/11	12/19/11
		Toluene	ND	0.50 µg/L	12/19/11	12/19/11
		Ethylbenzene	ND	0.50 µg/L	12/19/11	12/19/11
		m,p-Xylene	ND	0.50 µg/L	12/19/11	12/19/11
		o-Xylene	ND	0.50 µg/L	12/19/11	12/19/11
Client ID :	<b>MW-10</b>					
Lab ID :	STR11121502-10A	TPH-P (GRO)	ND	50 µg/L	12/19/11	12/19/11
Date Sampled	12/13/11 13:21	Tertiary Butyl Alcohol (TBA)	ND	10 µg/L	12/19/11	12/19/11
		Methyl tert-butyl ether (MTBE)	ND	0.50 µg/L	12/19/11	12/19/11
		Di-isopropyl Ether (DIPE)	ND	1.0 µg/L	12/19/11	12/19/11
		Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0 µg/L	12/19/11	12/19/11
		Benzene	ND	0.50 µg/L	12/19/11	12/19/11
		Tertiary Amyl Methyl Ether (TAME)	ND	1.0 µg/L	12/19/11	12/19/11
		Toluene	ND	0.50 µg/L	12/19/11	12/19/11
		Ethylbenzene	ND	0.50 µg/L	12/19/11	12/19/11
		m,p-Xylene	ND	0.50 µg/L	12/19/11	12/19/11
		o-Xylene	ND	0.50 µg/L	12/19/11	12/19/11
Client ID :	<b>MW-11</b>					
Lab ID :	STR11121502-11A	TPH-P (GRO)	ND	50 µg/L	12/19/11	12/19/11
Date Sampled	12/13/11 12:36	Tertiary Butyl Alcohol (TBA)	ND	10 µg/L	12/19/11	12/19/11
		Methyl tert-butyl ether (MTBE)	ND	0.50 µg/L	12/19/11	12/19/11
		Di-isopropyl Ether (DIPE)	ND	1.0 µg/L	12/19/11	12/19/11
		Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0 µg/L	12/19/11	12/19/11
		Benzene	ND	0.50 µg/L	12/19/11	12/19/11
		Tertiary Amyl Methyl Ether (TAME)	ND	1.0 µg/L	12/19/11	12/19/11
		Toluene	ND	0.50 µg/L	12/19/11	12/19/11
		Ethylbenzene	ND	0.50 µg/L	12/19/11	12/19/11
		m,p-Xylene	ND	0.50 µg/L	12/19/11	12/19/11
		o-Xylene	ND	0.50 µg/L	12/19/11	12/19/11





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Client ID : <b>MW-12A</b>					
Lab ID :	STR11121502-12A	TPH-P (GRO)	240	100 µg/L	12/19/11 12/19/11
Date Sampled	12/13/11 12:53	Tertiary Butyl Alcohol (TBA)	66	10 µg/L	12/19/11 12/19/11
		Methyl tert-butyl ether (MTBE)	420	0.50 µg/L	12/19/11 12/19/11
		Di-isopropyl Ether (DIPE)	ND	1.0 µg/L	12/19/11 12/19/11
		Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0 µg/L	12/19/11 12/19/11
		Benzene	ND	0.50 µg/L	12/19/11 12/19/11
		Tertiary Amyl Methyl Ether (TAME)	ND	1.0 µg/L	12/19/11 12/19/11
		Toluene	ND	0.50 µg/L	12/19/11 12/19/11
		Ethylbenzene	ND	0.50 µg/L	12/19/11 12/19/11
		m,p-Xylene	ND	0.50 µg/L	12/19/11 12/19/11
		o-Xylene	ND	0.50 µg/L	12/19/11 12/19/11
Client ID : <b>MW-12B</b>					
Lab ID :	STR11121502-13A	TPH-P (GRO)	ND	50 µg/L	12/19/11 12/19/11
Date Sampled	12/13/11 12:47	Tertiary Butyl Alcohol (TBA)	ND	10 µg/L	12/19/11 12/19/11
		Methyl tert-butyl ether (MTBE)	ND	0.50 µg/L	12/19/11 12/19/11
		Di-isopropyl Ether (DIPE)	ND	1.0 µg/L	12/19/11 12/19/11
		Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0 µg/L	12/19/11 12/19/11
		Benzene	ND	0.50 µg/L	12/19/11 12/19/11
		Tertiary Amyl Methyl Ether (TAME)	ND	1.0 µg/L	12/19/11 12/19/11
		Toluene	ND	0.50 µg/L	12/19/11 12/19/11
		Ethylbenzene	ND	0.50 µg/L	12/19/11 12/19/11
		m,p-Xylene	ND	0.50 µg/L	12/19/11 12/19/11
		o-Xylene	ND	0.50 µg/L	12/19/11 12/19/11
Client ID : <b>MW-13A</b>					
Lab ID :	STR11121502-14A	TPH-P (GRO)	1,500	50 µg/L	12/19/11 12/19/11
Date Sampled	12/13/11 11:01	Tertiary Butyl Alcohol (TBA)	27	10 µg/L	12/19/11 12/19/11
		Methyl tert-butyl ether (MTBE)	6.8	0.50 µg/L	12/19/11 12/19/11
		Di-isopropyl Ether (DIPE)	ND	1.0 µg/L	12/19/11 12/19/11
		Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0 µg/L	12/19/11 12/19/11
		Benzene	ND	0.50 µg/L	12/19/11 12/19/11
		Tertiary Amyl Methyl Ether (TAME)	ND	1.0 µg/L	12/19/11 12/19/11
		Toluene	ND	0.50 µg/L	12/19/11 12/19/11
		Ethylbenzene	ND	0.50 µg/L	12/19/11 12/19/11
		m,p-Xylene	ND	0.50 µg/L	12/19/11 12/19/11
		o-Xylene	ND	0.50 µg/L	12/19/11 12/19/11

### Gasoline Range Organics (GRO) C4-C13

V = Reporting Limits were increased due to high concentrations of target analytes.

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  
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*

12/22/11

**Report Date**



# Alpha Analytical, Inc.

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## VOC Sample Preservation Report

Work Order: STR11121502

Job: Foothill Mini Mart

Alpha's Sample ID	Client's Sample ID	Matrix	pH
11121502-01A	MW-1	Aqueous	2
11121502-02A	MW-2	Aqueous	2
11121502-03A	MW-3	Aqueous	2
11121502-04A	MW-4	Aqueous	2
11121502-05A	MW-5	Aqueous	2
11121502-06A	MW-5B	Aqueous	2
11121502-07A	MW-6	Aqueous	2
11121502-08A	MW-6B	Aqueous	2
11121502-09A	MW-7	Aqueous	2
11121502-10A	MW-10	Aqueous	2
11121502-11A	MW-11	Aqueous	2
11121502-12A	MW-12A	Aqueous	2
11121502-13A	MW-12B	Aqueous	2
11121502-14A	MW-13A	Aqueous	2

12/22/11  
Report Date



# Alpha Analytical, Inc.

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Date:  
22-Dec-11

## QC Summary Report

Work Order:  
11121502

### Method Blank

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

File ID: C:\HPCHEM\MMS11\DATA\111219\11121909.D

Batch ID: 27901

Analysis Date: 12/19/2011 14:46

Sample ID: **MBLK-27901**

Units: **µg/L**

Run ID: **MSD\_11\_111219A**

Prep Date: 12/19/2011 11:21

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methanol	ND	50								
Ethanol	ND	5								
Surr: Hexafluoro-2-propanol	475		500		95	61	134			

### Laboratory Control Spike

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

File ID: C:\HPCHEM\MMS11\DATA\111219\11121905.D

Batch ID: 27901

Analysis Date: 12/19/2011 13:22

Sample ID: **LCS-27901**

Units: **µg/L**

Run ID: **MSD\_11\_111219A**

Prep Date: 12/19/2011 11:21

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methanol	299	50	250		120	44	145			
Ethanol	284	5	250		114	62	150			
Surr: Hexafluoro-2-propanol	508		500		102	61	134			

### Sample Matrix Spike

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

File ID: C:\HPCHEM\MMS11\DATA\111219\11121907.D

Batch ID: 27901

Analysis Date: 12/19/2011 14:04

Sample ID: **11121502-02AMS**

Units: **µg/L**

Run ID: **MSD\_11\_111219A**

Prep Date: 12/19/2011 11:21

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methanol	289	50	250	0	116	33	159			
Ethanol	278	5	250	0	111	56	153			
Surr: Hexafluoro-2-propanol	519		500		104	61	134			

### Sample Matrix Spike Duplicate

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

File ID: C:\HPCHEM\MMS11\DATA\111219\11121908.D

Batch ID: 27901

Analysis Date: 12/19/2011 14:25

Sample ID: **11121502-02AMSD**

Units: **µg/L**

Run ID: **MSD\_11\_111219A**

Prep Date: 12/19/2011 11:21

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methanol	280	50	250	0	112	33	159	288.9	3.2(28)	
Ethanol	269	5	250	0	107	56	153	278	3.4(40)	
Surr: Hexafluoro-2-propanol	505		500		101	61	134			

### 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:  
22-Dec-11

## QC Summary Report

Work Order:  
11121502

### Method Blank

Type: MBLK Test Code: EPA Method SW8015B/C

File ID: C:\HPCHEM\MMS10\DATA\111219\11121905.D

Batch ID: MS10W1219B

Analysis Date: 12/19/2011 10:24

Sample ID: MBLK MS10W1219B

Units: µg/L

Run ID: MSD\_10\_111219A

Prep Date: 12/19/2011 10:24

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	ND	50								
Surr: 1,2-Dichloroethane-d4	9.63		10		96	70	130			
Surr: Toluene-d8	10.4		10		104	70	130			
Surr: 4-Bromofluorobenzene	10.9		10		109	70	130			

### Laboratory Control Spike

Type: LCS Test Code: EPA Method SW8015B/C

File ID: C:\HPCHEM\MMS10\DATA\111219\11121904.D

Batch ID: MS10W1219B

Analysis Date: 12/19/2011 10:02

Sample ID: GLCS MS10W1219B

Units: µg/L

Run ID: MSD\_10\_111219A

Prep Date: 12/19/2011 10:02

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	396	50	400		99	70	130			
Surr: 1,2-Dichloroethane-d4	10.1		10		101	70	130			
Surr: Toluene-d8	10.7		10		107	70	130			
Surr: 4-Bromofluorobenzene	10.3		10		103	70	130			

### Sample Matrix Spike

Type: MS Test Code: EPA Method SW8015B/C

File ID: C:\HPCHEM\MMS10\DATA\111219\11121914.D

Batch ID: MS10W1219B

Analysis Date: 12/19/2011 13:43

Sample ID: 11121503-02AGS

Units: µg/L

Run ID: MSD\_10\_111219A

Prep Date: 12/19/2011 13:43

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	1840	250	2000		92	51	144			
Surr: 1,2-Dichloroethane-d4	54.9		50		110	70	130			
Surr: Toluene-d8	52.2		50		104	70	130			
Surr: 4-Bromofluorobenzene	52.4		50		105	70	130			

### Sample Matrix Spike Duplicate

Type: MSD Test Code: EPA Method SW8015B/C

File ID: C:\HPCHEM\MMS10\DATA\111219\11121915.D

Batch ID: MS10W1219B

Analysis Date: 12/19/2011 14:05

Sample ID: 11121503-02AGSD

Units: µg/L

Run ID: MSD\_10\_111219A

Prep Date: 12/19/2011 14:05

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	2010	250	2000		100	51	144	1844	8.4(29)	
Surr: 1,2-Dichloroethane-d4	54		50		108	70	130			
Surr: Toluene-d8	53.3		50		107	70	130			
Surr: 4-Bromofluorobenzene	53.2		50		106	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.

Reported in micrograms per Liter, per client request.



# Alpha Analytical, Inc.

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Date:  
22-Dec-11

## QC Summary Report

Work Order:  
11121502

### Method Blank

Type: MBLK Test Code: EPA Method SW8260B

File ID: C:\HPCHEM\MS10\DATA\111219\11121905.D

Batch ID: MS10W1219A

Analysis Date: 12/19/2011 10:24

Sample ID: MBLK MS10W1219A

Units: µg/L

Run ID: MSD\_10\_111219A

Prep Date: 12/19/2011 10:24

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								
Di-isopropyl Ether (DIPE)	ND	1								
Ethyl Tertiary Butyl Ether (ETBE)	ND	1								
Benzene	ND	0.5								
Tertiary Amyl Methyl Ether (TAME)	ND	1								
Toluene	ND	0.5								
Ethylbenzene	ND	0.5								
m,p-Xylene	ND	0.5								
o-Xylene	ND	0.5								
Surr: 1,2-Dichloroethane-d4	9.63		10		96	70	130			
Surr: Toluene-d8	10.4		10		104	70	130			
Surr: 4-Bromofluorobenzene	10.9		10		109	70	130			

### Laboratory Control Spike

Type: LCS Test Code: EPA Method SW8260B

File ID: C:\HPCHEM\MS10\DATA\111219\11121903.D

Batch ID: MS10W1219A

Analysis Date: 12/19/2011 09:40

Sample ID: LCS MS10W1219A

Units: µg/L

Run ID: MSD\_10\_111219A

Prep Date: 12/19/2011 09:40

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methyl tert-butyl ether (MTBE)	10.1	0.5	10		101	65	140			
Benzene	10.6	0.5	10		106	70	130			
Toluene	10.1	0.5	10		101	80	120			
Ethylbenzene	9.39	0.5	10		94	80	120			
m,p-Xylene	9.68	0.5	10		97	70	130			
o-Xylene	9.64	0.5	10		96	70	130			
Surr: 1,2-Dichloroethane-d4	10.4		10		104	70	130			
Surr: Toluene-d8	10.7		10		107	70	130			
Surr: 4-Bromofluorobenzene	10.4		10		104	70	130			

### Sample Matrix Spike

Type: MS Test Code: EPA Method SW8260B

File ID: C:\HPCHEM\MS10\DATA\111219\11121912.D

Batch ID: MS10W1219A

Analysis Date: 12/19/2011 12:59

Sample ID: 11121503-02AMS

Units: µg/L

Run ID: MSD\_10\_111219A

Prep Date: 12/19/2011 12:59

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methyl tert-butyl ether (MTBE)	47	1.3	50	0	94	47	150			
Benzene	46.5	1.3	50	0	93	59	138			
Toluene	42.2	1.3	50	0	84	68	130			
Ethylbenzene	39.4	1.3	50	0	79	68	130			
m,p-Xylene	40.2	1.3	50	0	80	68	131			
o-Xylene	40.8	1.3	50	0	82	70	130			
Surr: 1,2-Dichloroethane-d4	62.3		50		125	70	130			
Surr: Toluene-d8	52.1		50		104	70	130			
Surr: 4-Bromofluorobenzene	53.2		50		106	70	130			

### Sample Matrix Spike Duplicate

Type: MSD Test Code: EPA Method SW8260B

File ID: C:\HPCHEM\MS10\DATA\111219\11121913.D

Batch ID: MS10W1219A

Analysis Date: 12/19/2011 13:21

Sample ID: 11121503-02AMSD

Units: µg/L

Run ID: MSD\_10\_111219A

Prep Date: 12/19/2011 13:21

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methyl tert-butyl ether (MTBE)	46.1	1.3	50	0	92	47	150	46.97	1.9(40)	
Benzene	44.5	1.3	50	0	89	59	138	46.49	4.4(21)	
Toluene	40.9	1.3	50	0	82	68	130	42.17	3.1(20)	
Ethylbenzene	37.7	1.3	50	0	75	68	130	39.39	4.3(20)	
m,p-Xylene	39	1.3	50	0	78	68	131	40.24	3.2(20)	
o-Xylene	39	1.3	50	0	78	70	130	40.8	4.4(20)	
Surr: 1,2-Dichloroethane-d4	60		50		120	70	130			
Surr: Toluene-d8	52.9		50		106	70	130			
Surr: 4-Bromofluorobenzene	52.9		50		106	70	130			



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**Date:**  
*22-Dec-11*

## QC Summary Report

**Work Order:**  
11121502

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**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 : STR11121502

### Report Due By : 5:00 PM On : 22-Dec-11

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

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

EDD Required : Yes

Sampled by : Vince Z.

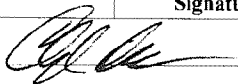
PO :  
Client's COC # : 55702 Job : Foothill Mini Mart

Cooler Temp	Samples Received	Date Printed
0 °C	15-Dec-11	15-Dec-11

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	ALCOHOL_W	TPH/P_W	VOC_W	
STR11121502-01A	MW-1	AQ	12/13/11 14:01	6	0	5	Low Level MeOH / EtOH	GAS-C	BTEX/OXY_C	
STR11121502-02A	MW-2	AQ	12/13/11 14:17	6	0	5	Low Level MeOH / EtOH	GAS-C	BTEX/OXY_C	
STR11121502-03A	MW-3	AQ	12/13/11 13:36	6	0	5	Low Level MeOH / EtOH	GAS-C	BTEX/OXY_C	
STR11121502-04A	MW-4	AQ	12/13/11 13:00	6	0	5	Low Level MeOH / EtOH	GAS-C	BTEX/OXY_C	
STR11121502-05A	MW-5	AQ	12/13/11 07:40	6	0	5	Low Level MeOH / EtOH	GAS-C	BTEX/OXY_C	
STR11121502-06A	MW-5B	AQ	12/13/11 08:07	6	0	5	Low Level MeOH / EtOH	GAS-C	BTEX/OXY_C	
STR11121502-07A	MW-6	AQ	12/13/11 07:53	6	0	5	Low Level MeOH / EtOH	GAS-C	BTEX/OXY_C	
STR11121502-08A	MW-6B	AQ	12/13/11 08:17	6	0	5	Low Level MeOH / EtOH	GAS-C	BTEX/OXY_C	

Comments: Security seals intact. Frozen Ice. :

Signature	Print Name	Company	Date/Time
	Cheryl Gambler	Alpha Analytical, Inc.	12/15/11 11:02

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

# 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 : STR1121502**  
**Report Due By : 5:00 PM On : 22-Dec-11**

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

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

EDD Required : Yes

Sampled by : Vince Z.

PO :  
 Client's COC # : 55702 Job : Foothill Mini Mart

Cooler Temp	Samples Received	Date Printed
0 °C	15-Dec-11	15-Dec-11

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	ALCOHOL W	TPH/P_W	VOC_W						
STR1121502-09A	MW-7	AQ	12/13/11 08:26	6	0	5	Low Level MeOH / EtOH	GAS-C	BTEX/OXY_C						
STR1121502-10A	MW-10	AQ	12/13/11 13:21	6	0	5	Low Level MeOH / EtOH	GAS-C	BTEX/OXY_C						
STR1121502-11A	MW-11	AQ	12/13/11 12:36	6	0	5	Low Level MeOH / EtOH	GAS-C	BTEX/OXY_C						
STR1121502-12A	MW-12A	AQ	12/13/11 12:53	6	0	5	Low Level MeOH / EtOH	GAS-C	BTEX/OXY_C						
STR1121502-13A	MW-12B	AQ	12/13/11 12:47	6	0	5	Low Level MeOH / EtOH	GAS-C	BTEX/OXY_C						
STR1121502-14A	MW-13A	AQ	12/13/11 11:01	6	0	5	Low Level MeOH / EtOH	GAS-C	BTEX/OXY_C						

Comments: Security seals intact. Frozen Ice. :

Signature	Print Name	Company	Date/Time
	Cheryl Gamble	Alpha Analytical, Inc.	12/15/11 11:02

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 B.  
 Address 3330 Cameron Park Dr #550  
 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?**

AZ \_\_\_ CA  NV \_\_\_ WA \_\_\_ DOD Site \_\_\_  
 ID \_\_\_ OR \_\_\_ OTHER \_\_\_ Page # 1 of 2

Consultant / Client Name		Job #	Job Name		Analyses Required										Data Validation Level: III or IV										
Address			Name: <u>Scott B.</u>		GRO BTEX 50xys low detection level Ethanol / Methanol										EDD / EDF? YES <input checked="" type="checkbox"/> NO ___										
City, State, Zip			Email:												Global ID # <u>70600102286</u>										
Time Sampled	Date Sampled	Matrix* See Key Below	P.O. #	Lab ID Number	Office (Use Only)	Sample Description	TAT	Field Filtered	# Containers**	REMARKS															
1401	1213	AQ		STR1121502-D1A		MW-1	Std		6v	X	X	X													
1417				-02A		2																			
1336				-03A		3																			
1300				-04A		4																			
0740				-05A		5																			
0807				-06A		5B																			
0753				-07A		6																			
0817				-08A		6B																			
0826				-09A		7																			
1321				-10A		10																			
1236				-11A		11																			
1253				-12A		12A																			
1247	1213			-13A		12B																			

**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 Zaluska

Relinquished by: (Signature/Affiliation) <u>Vincent Zaluska</u>	Received by: (Signature/Affiliation) <u>E. FRANCIANO</u>	Date: <u>12/14/11</u>	Time: <u>1:40</u>
Relinquished by: (Signature/Affiliation)	Received by: (Signature/Affiliation) <u>[Signature]</u> Alpha	Date: <u>12/15/11</u>	Time: <u>10:52</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.

**Billing Information:**

Company Name Stratus Env  
 Attn: Scott B  
 Address 3330 Cameron Park Dr #350  
 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?**

AZ \_\_\_\_\_ CA  NV \_\_\_\_\_ WA \_\_\_\_\_ DOD Site \_\_\_\_\_  
 ID \_\_\_\_\_ OR \_\_\_\_\_ OTHER \_\_\_\_\_ Page # 2 of 2

Consultant / Client Name		Job #		Job Name		Analyses Required						Data Validation Level: III or IV					
Address <u>Foothill Mini Mart</u>				Report Attention / Project Manager		GRO BTEX 5 OXY'S low detection levels Methanol Ethanol						EDD / EDF? YES <input checked="" type="checkbox"/> NO _____					
Address <u>6600 Foothill Blvd</u>				Name: <u>Scott B</u>								Global ID # <u>70600102286</u>					
City, State, Zip <u>Dakland CA</u>				Email: _____								REMARKS					
Time Sampled	Date Sampled	Matrix* See Key Below	PO #	Lab ID Number (Office Use Only)	Sample Description	TAT	Field Filtered	# Containers**									
1161	12/13	AQ		-14A	13A	Std		6V	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: Vincent Galante

Relinquished by: (Signature/Affiliation) <u>Vincent Galante</u>	Received by: (Signature/Affiliation) <u>E. FRIUANO</u>	Date: <u>12/14/11</u>	Time: <u>1:40</u>
Relinquished by: (Signature/Affiliation)	Received by: (Signature/Affiliation) <u>[Signature]</u> Alpha	Date: <u>12/15/11</u>	Time: <u>10:52</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**

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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!

<b><u>Submittal Type:</u></b>	GEO_WELL
<b><u>Submittal Title:</u></b>	GeoWell 12-13-11
<b><u>Facility Global ID:</u></b>	T0600102286
<b><u>Facility Name:</u></b>	FOOTHILL MINI MART
<b><u>File Name:</u></b>	GEO_WELL.zip
<b><u>Organization Name:</u></b>	Stratus Environmental, Inc.
<b><u>Username:</u></b>	STRATUS NOCAL
<b><u>IP Address:</u></b>	12.186.106.98
<b><u>Submittal Date/Time:</u></b>	12/27/2011 9:29:46 AM
<b><u>Confirmation Number:</u></b>	6890119194

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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!

<b><u>Submittal Type:</u></b>	EDF - Monitoring Report - Quarterly
<b><u>Submittal Title:</u></b>	Analytical 12-13-11
<b><u>Facility Global ID:</u></b>	T0600102286
<b><u>Facility Name:</u></b>	FOOTHILL MINI MART
<b><u>File Name:</u></b>	11121502_EDF.zip
<b><u>Organization Name:</u></b>	Stratus Environmental, Inc.
<b><u>Username:</u></b>	STRATUS NOCAL
<b><u>IP Address:</u></b>	12.186.106.98
<b><u>Submittal Date/Time:</u></b>	12/27/2011 9:30:28 AM
<b><u>Confirmation Number:</u></b>	3819425463

[VIEW QC REPORT](#)

[VIEW DETECTIONS REPORT](#)

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