ALLTERRA

February 16, 2006
Project No.: 015-01-002

Mr. Manwel Shuwayhat
54 Wolfe Canyon Road
Kentfield, California 94904

SUBJECT: First Quarter 2006 Groundwater Monitoring Report, 160 Holmes Street, Livermore, California

Dear Mr. Shuwayhat:

On your behalf, Allterra Environmental, Inc. (Allterra) has prepared the enclosed First Quarter 2006 Groundwater Monitoring Report. Copies of the enclosed report will be submitted to Alameda County Environmental Health Services (ACEHS) on your behalf.

We have also included a perjury statement for the enclosed report. Perjury statements are required for reports submitted to ACEHS. Please sign the enclosed perjury statement and mail it to ACEHS. An addressed stamped envelope is included for your convenience.

If you have any questions or comments, please call me at (831) 425-2608.

Sincerely,

Allterra Environmental, Inc.

Erik Allen

Project Scientist

enclosures: First Quarter 2006 Groundwater Monitoring Report
Perjury Statement (With addressed stamped envelope)

ALLTERRA

First Quarter 2006 Groundwater Monitoring Report
160 Holmes Street, Livermore, California

Date:
February 16, 2006

Project No.:
015-01-002

Prepared For:
Livermore Gas and Mini mart
Attention: Manwel and Samira Shuwayhat
54 Wolfe Canyon Road
Kentfield, California 94904

Allterra Environmental, Inc.
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February 16, 2006
Project No.: 015-01-002

Manwel and Samira Shuwayhat
Livermore Gas and Mini Mart
54 Wolfe Canyon Road
Kentfield, California 94904

Subject: **First Quarter 2006 Groundwater Monitoring Report**
Livermore Gas and Mini Mart
160 Holmes Street, Livermore, California

Dear Mr. And Mrs. Shuwayhat:

On your behalf, Allterra Environmental, Inc. (Allterra) has prepared this first quarter 2006 groundwater monitoring report for the property located at 160 Holmes Street in Livermore, California (Site). This report describes the field and analytical methods, provides a summary of groundwater monitoring results, and presents conclusions and recommendations regarding groundwater conditions at the Site.

Site Location and Description
The Site is located on the southwest corner of Holmes Street and Second Street at 160 Holmes Street in Livermore, California (Figure 1). The Site currently operates as a service station and convenience store. Pertinent site features, such as monitoring well locations, are presented in Figure 2.

Groundwater Monitoring
On January 9, 2006, Allterra performed quarterly groundwater monitoring for six monitoring wells and one extraction well at the Site. Groundwater monitoring activities included the measurement of static groundwater levels, an evaluation of groundwater in the wells for the presence of petroleum hydrocarbons, and purging and sampling of seven wells for laboratory analysis.

Groundwater Monitoring Field Activities
Depth to groundwater measurements and an evaluation of groundwater for the presence of petroleum hydrocarbons were performed in monitoring wells MW-1 through MW-6 and extraction well EX-1. The surveyed elevations of each well casing (measured in feet relative to mean sea level), depths to groundwater, and calculated groundwater elevations are presented in Table 1.

For first quarter 2006, six monitoring wells and one extraction well were sampled for laboratory analysis. Each well was purged and sampled in accordance with Alameda County Environmental Health Services (ACEHS) and Regional Water Quality Control Board (RWQCB) guidelines and Allterra protocols presented in Appendix A. Groundwater Sampling Field Logs are included in Appendix B. Groundwater samples were submitted under chain-of-custody

documentation to McCampbell Analytical, Inc., of Pacheco, California, a state of California certified laboratory (ELAP #1644). Copies of the chain-of-custody documentation for the samples are included in Appendix C.

Laboratory Analysis of Groundwater Samples

Groundwater samples from each of the seven wells were analyzed for total petroleum hydrocarbons as gasoline (TPHg) as well as diesel (TPHd) by EPA method 8015C, for benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and for the fuel oxygenates MTBE, ethyl tert-butyl ether (ETBE), tert-amyl methyl ether (TAME), di-isopropyl ether (DIPE), tert-butyl alcohol (TBA), ethanol, methanol, as well as the lead scavengers 1,2-Dibromoethane (1,2-DCA) and 1,2-Dichloroethane (1,2-DCA) by EPA Method 8260B. Analytical results from groundwater samples are presented in Table 2. The certified analytical report, including quality assurance and quality control (QA/QC) data, for the samples is included in Appendix C.

Groundwater Monitoring Results

On January 9, 2006, Allterra personnel measured and recorded depths to groundwater from the tops of well casings (TOC) for monitoring wells MW-1 through MW-6 and well EX-1. Recorded depths to groundwater ranged from 17.67 to 19.53 feet. Groundwater elevation data are summarized in Table 1 and depicted in Figure 3 as groundwater elevation contours. For the January 2006 groundwater monitoring event, groundwater appeared to flow north at a gradient of approximately 0.007 feet per foot (ft/ft).

Analytical Results

Fuel-related compounds were detected in five of seven wells sampled this quarter. Dissolved TPHg was detected in three wells at concentrations ranging from 580 micrograms per liter (µg/L) in EX-1 to 47,000 µg/L in MW-1. Benzene was detected in three wells at concentrations ranging from 4.4 µg/L to 3,100 µg/L in wells MW-2 and MW-1, respecitvely. Well samples indicated the presence of MTBE in four wells at levels ranging from 0.86 µg/L in well MW-4 to 240,000 µg/L in well MW-1. This quarter, groundwater samples were analyzed for fuel oxygenates and lead scavengers, which were not detected at or above laboratory detection limits in any wells, with the exception of MW-2 (TBA 330 µg/L). Groundwater analytical results from well samples are presented in Table 2. The distribution of TPHg, benzene, and MTBE in groundwater is presented in Figure 4.

Purge water

Purge water generated during purging of the groundwater monitoring wells was stored on-site in Department of Transportation (DOT) approved 55-gallon drums pending disposal.

Conclusions

Based on the current monitoring data, Allterra concludes the following:

- Groundwater appears to flow to the north with a gradient of 0.007 ft/ft and appears to be consistent with previous monitoring events;
- The highest concentrations of dissolved TPHg, benzene, and MTBE were detected in on-site monitoring well MW-1;
- MTBE was found in off-site well MW-5.
- This quarter the fuel oxygenates MTBE, ETBE, TAME, DIPE, TBA, ethanol, methanol, as well as the lead scavengers EDB and 1,2-DCA, were added to laboratory analysis for groundwater samples. With the exception of exception of TBA at 330 µg/L in MW-2, these compounds were not detected at or above laboratory detection limits.

Recommendations

Based on the conclusions presented above, Allterra recommends the following:

- Continue with the quarterly groundwater monitoring program at the Site.
- Additional groundwater monitoring wells are scheduled to be installed during first quarter 2006. After the wells are installed, Allterra recommends adding the new wells to the quarterly groundwater monitoring program.

Limitations

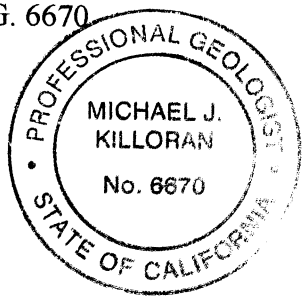
Allterra prepared this report for the use of Livermore Gas and Mini Mart and ACEHS in evaluating groundwater quality at selected on-site locations at the time of this study. Statements, conclusions, and recommendations in this report are based solely on the field observations and analytical results related to work performed by Allterra and there is no warranty, expressed or implied. Site conditions and data can change over time; therefore, data presented in this report is only applicable to the timeframe of this study. Allterra's services have been performed in accordance with environmental principles generally accepted at this time and location.

Should you have any questions, please contact Allterra at (831) 425-2608.

Sincerely,
Allterra Environmental, Inc.

Erik N. Allen
Environmental Scientist

Michael Killoran, P.G. 6670
Senior Geologist



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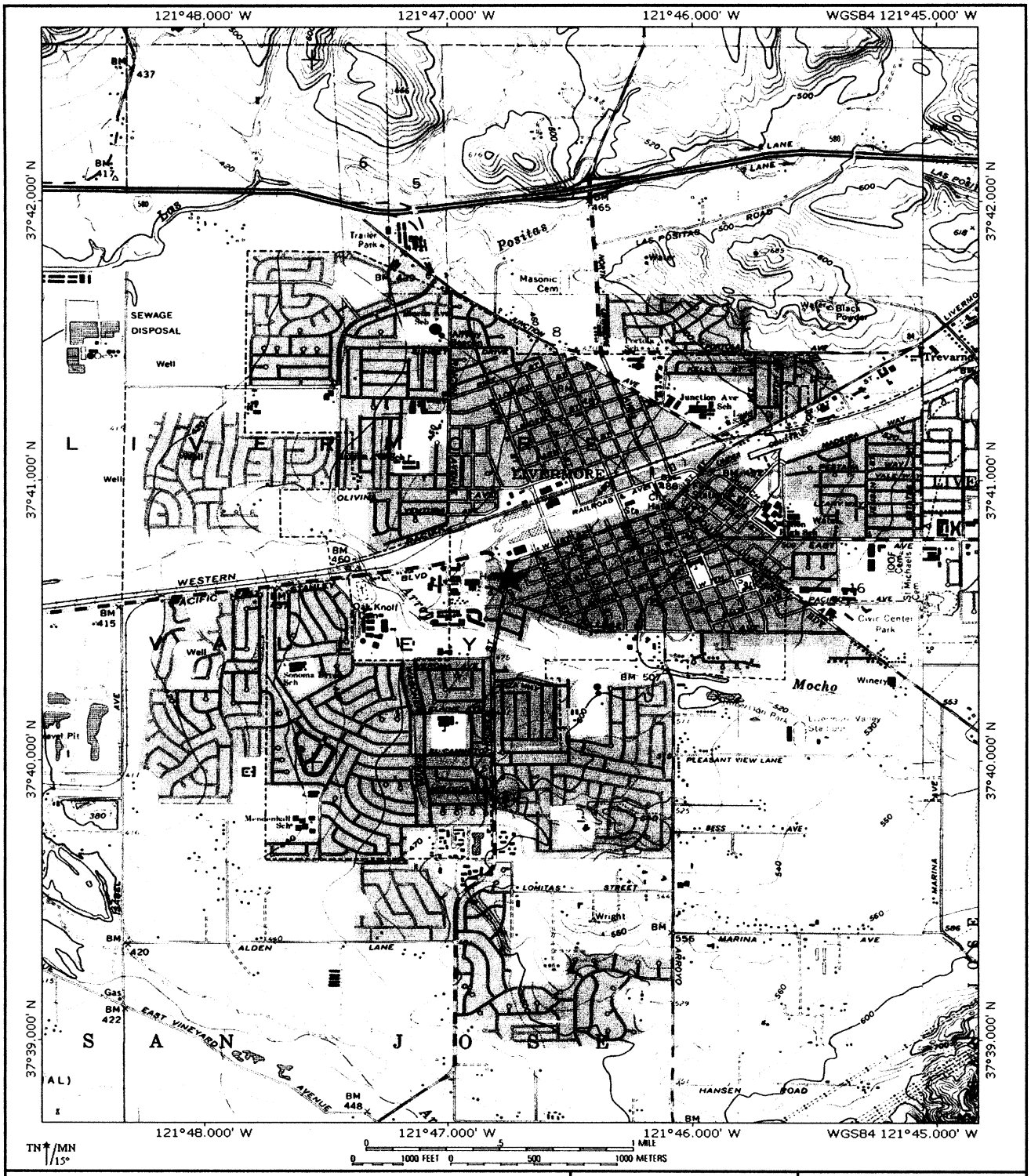
Appendix B, Groundwater Sampling Field Logs
Appendix C, Certified Analytical Reports and Chain of Custody

cc: Jerry Wickham, ACEHS

FIGURES 1-4



Vicinity Map Livermore Gas and Minimart 160 Holmes Street Livermore, California	Figure 1 | 2/13/2006
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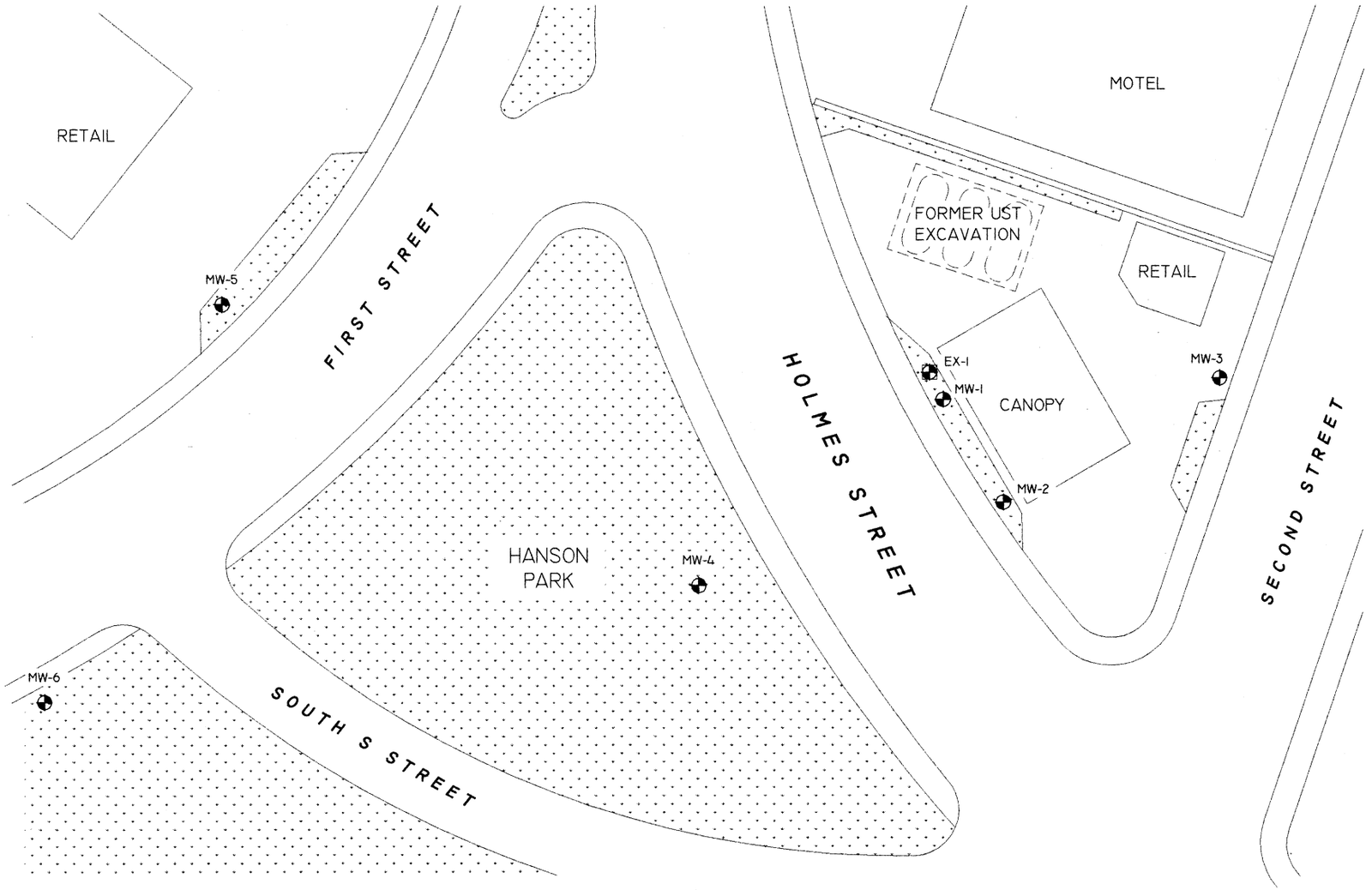

LEGEND:

MW-4 MONITORING WELL LOCATION

EX-1 EXTRACTION WELL LOCATION

0 70 140

SCALE

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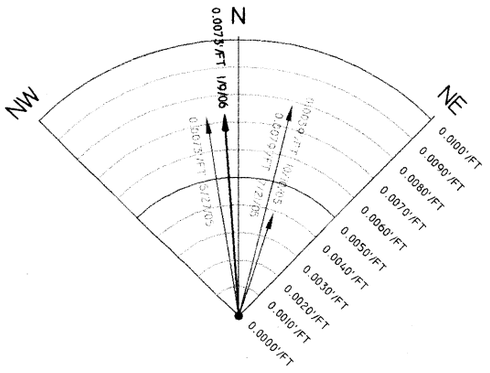
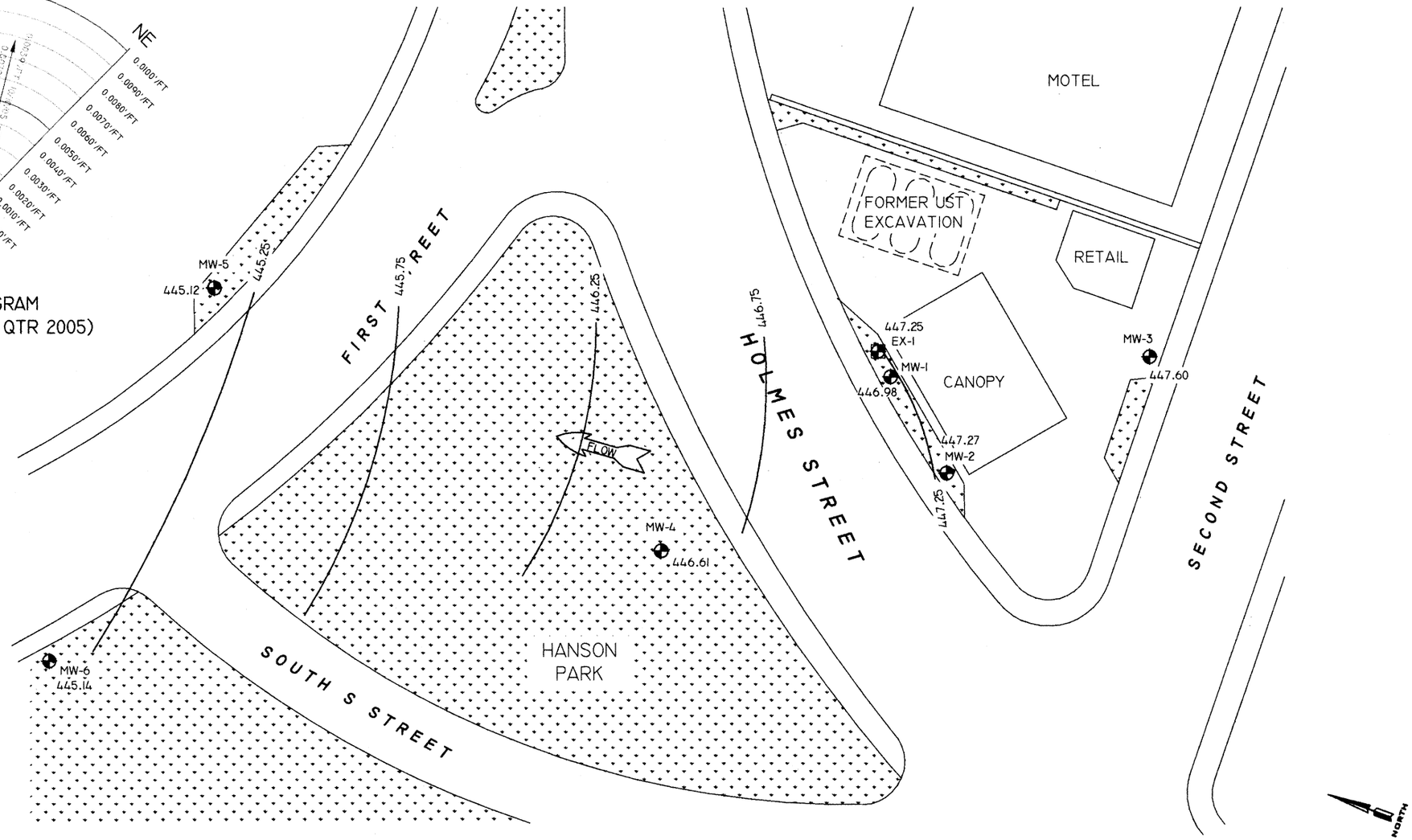
SITE MAP

160 HOLMES STREET
LIVERMORE, CALIFORNIA

FIGURE 2
2/7/06
1ST QTR



ROSE DIAGRAM
(BEGINNING 2ND QTR 2005)



0 70 140

SCALE

LEGEND:

MW-4	MONITORING WELL LOCATION	FLOW	APPROXIMATE GROUNDWATER FLOW DIRECTION
EX-1	EXTRACTION WELL LOCATION	447.25	INFERRED GROUNDWATER GRADIENT CONTOUR
*	DATA NOT CONTOURED	447.27	GROUNDWATER ELEVATION IN FEET

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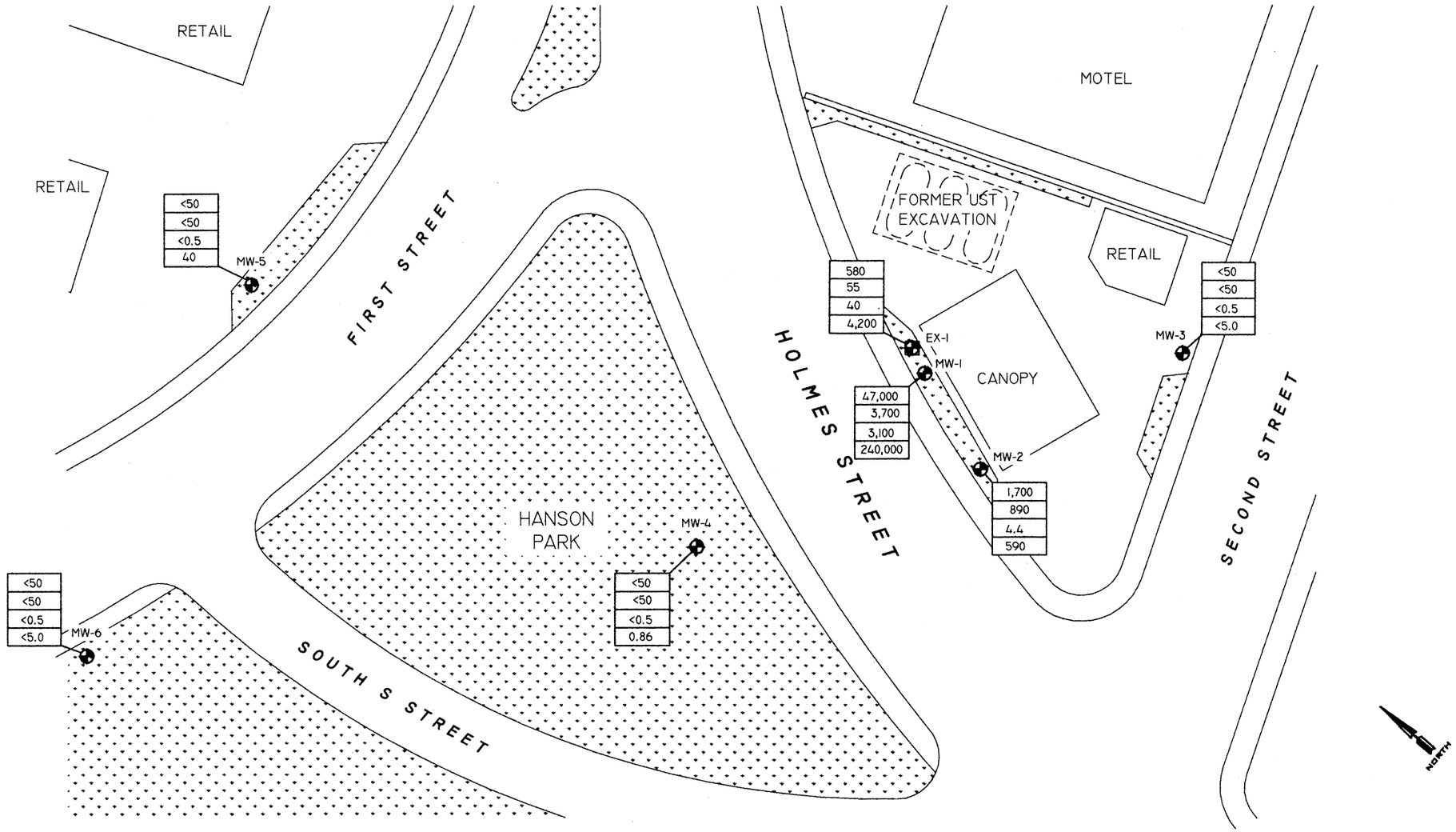
GROUNDWATER POTENTIOMETRIC MAP FOR 1/9/06

160 HOLMES STREET
LIVERMORE, CALIFORNIA

FIGURE 3
2/7/06
1ST QTR



LEGEND:

MW-4 MONITORING WELL LOCATION

EX-1 EXTRACTION WELL LOCATION

<50	TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
<50	TOTAL PETROLEUM HYDROCARBONS AS DIESEL
<0.5	BENZENE
<5.0	METHYL TERTIARY BUTYL ETHER

NOTES:

CONCENTRATIONS OF FUEL-RELATED COMPOUNDS ARE REPORTED IN MICROGRAMS PER LITER (UG/L)

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CONCENTRATIONS OF FUEL-RELATED COMPOUNDS IN GROUNDWATER

160 HOLMES STREET
LIVERMORE, CALIFORNIA

FIGURE 4
2/7/06
1ST QTR

TABLES 1-2

Table 1

Groundwater Elevation Data

160 Holmes Street, Livermore

Monitoring Well ID	Date	Top of Casing Elevation* (feet, msl)	Depth to Groundwater (feet)	Groundwater Elevation (feet, msl)
MW-1	8/11/2000	465.03	NM	NC
	10/19/2000	465.03	21.94	443.09
	2/22/2001	465.03	22.91	442.12
	5/30/2001	465.03	Dry	NC
	11/14/2001	465.03	Dry	NC
	5/7/2002	465.03	Dry	NC
	9/11/2002	465.03	26.16	438.87
	12/1/2002	465.03	27.55	437.48
	3/14/2003	465.03	22.63	442.40
	6/25/2003	465.03	22.10	442.93
	9/16/2003	465.03	24.91	440.12
	12/22/2003	465.03	21.75	443.28
	3/10/2004	465.03	17.45	447.58
	6/15/2004	465.03	22.38	442.65
	9/17/2004	465.03	25.61	439.42
	12/10/2004	465.03	22.18	442.85
	3/2/2005	465.03	16.95	448.08
	5/27/2005	465.03	18.42	446.61
	7/21/2005	465.03	21.38	443.65
	10/10/2005	465.03	22.49	442.54
	1/9/2006	**465.03**	**18.05**	**446.98**
MW-2	8/11/2000	464.94	NM	NC
	10/19/2000	464.94	21.80	443.14
	2/22/2001	464.94	22.87	442.07
	5/30/2001	464.94	Dry	NC
	11/14/2001	464.94	Dry	NC
	5/7/2002	464.94	26.70	438.24
	9/11/2002	464.94	25.96	438.98
	12/11/2002	464.94	27.56	437.38
	3/14/2003	464.94	22.41	442.53
	6/25/2003	464.94	21.97	442.97
	9/16/2003	464.94	24.70	440.24
	12/22/2003	464.94	21.58	443.36
	3/10/2004	464.94	17.31	447.63
	6/15/2004	464.94	22.18	442.76
	9/17/2004	464.94	25.44	439.50
	12/10/2004	464.94	22.00	442.94
	3/2/2005	464.94	16.75	448.19
	5/27/2005	464.94	18.29	446.65
	7/21/2005	464.94	20.46	444.48
	10/10/2005	464.94	22.30	442.64
	1/9/2006	**464.94**	**17.67**	**447.27**

Table 1

Groundwater Elevation Data

160 Holmes Street, Livermore

Monitoring Well ID	Date	Top of Casing Elevation* (feet, msl)	Depth to Groundwater (feet)	Groundwater Elevation (feet, msl)
MW-3	8/11/2000	465.84	NM	NC
	10/19/2000	465.84	22.45	443.39
	2/22/2001	465.84	23.51	442.33
	5/30/2001	465.84	Dry	NC
	11/14/2001	465.84	Dry	NC
	5/7/2002	465.84	Dry	NC
	9/11/2002	465.84	26.61	439.23
	12/11/2002	465.84	28.18	437.66
	3/14/2003	465.84	23.04	442.80
	6/25/2003	465.84	22.59	443.25
	9/16/2003	465.84	25.33	440.51
	12/22/2003	465.84	22.37	443.47
	3/10/2004	465.84	17.88	447.96
	6/15/2004	465.84	22.82	443.02
	9/17/2004	465.84	26.09	439.75
	12/10/2004	465.84	22.65	443.19
	3/5/2005	465.84	17.33	448.51
	5/27/2005	465.84	18.89	446.95
	7/21/2005	465.84	21.10	444.74
	10/10/2005	465.84	22.94	442.90
	1/9/2006	**465.84**	**18.24**	**447.60**
MW-4	11/14/2001	465.15	33.84	431.31
	5/7/2002	465.15	26.75	438.40
	9/11/2002	465.15	26.66	438.49
	12/11/2002	465.15	28.39	436.76
	3/14/2003	465.15	23.14	442.01
	6/25/2003	465.15	22.72	442.43
	9/16/2003	465.15	25.39	439.76
	12/22/2003	465.15	22.42	442.73
	3/4/2004	465.15	18.20	446.95
	6/15/2004	465.15	22.95	442.20
	9/17/2004	465.15	26.12	439.03
	12/10/2004	465.15	22.73	442.42
	3/2/2005	465.15	17.60	447.55
	5/27/2005	465.15	19.14	446.01
	7/21/2005	465.15	21.25	443.90
	10/10/2005	465.15	22.85	442.30
	1/9/2006	**465.15**	**18.54**	**446.61**

Table 1
Groundwater Elevation Data
160 Holmes Street, Livermore

Monitoring Well ID	Date	Top of Casing Elevation* (feet, msl)	Depth to Groundwater (feet)	Groundwater Elevation (feet, msl)
MW-5	11/14/2001	464.65	34.94	429.71
	5/7/2002	464.65	27.90	436.75
	9/11/2002	464.65	27.99	436.66
	12/11/2002	464.65	29.50	435.15
	3/14/2003	464.65	24.26	440.39
	6/25/2003	464.65	24.01	440.64
	9/16/2003	464.65	26.83	437.82
	12/22/2003	464.65	23.68	440.97
	3/10/2004	464.65	19.22	445.43
	6/15/2004	464.65	24.20	440.45
	9/17/2004	464.65	27.68	436.97
	12/10/2004	464.65	23.93	440.72
	3/2/2005	464.65	18.56	446.09
	5/27/2005	464.65	20.15	444.50
	7/21/2005	464.65	22.55	442.10
	10/10/2005	464.65	23.35	441.30
	1/9/2006	**464.65**	**19.53**	**445.12**
MW-6	11/14/2001	464.13	33.88	430.25
	5/7/2002	464.13	27.01	437.12
	9/11/2002	464.13	27.03	437.10
	12/11/2002	464.13	28.77	435.36
	3/14/2003	464.13	23.46	440.67
	6/25/2003	464.13	23.08	441.05
	9/16/2003	464.13	25.77	438.36
	12/22/2003	464.13	22.59	441.54
	3/10/2004	464.13	18.65	445.48
	6/15/2004	464.13	23.31	440.82
	9/17/2004	464.13	26.56	437.57
	12/10/2004	464.13	23.09	441.04
	3/2/2005	464.13	18.04	446.09
	5/27/2005	464.13	19.57	444.56
	7/21/2005	464.13	21.60	442.53
	10/10/2005	464.13	22.21	441.92
	1/9/2006	**464.13**	**18.99**	**445.14**

Table 1

Groundwater Elevation Data

160 Holmes Street, Livermore

Monitoring Well ID	Date	Top of Casing Elevation* (feet, msl)	Depth to Groundwater (feet)	Groundwater Elevation (feet, msl)
EX-1	11/14/2001	465.30	33.41	431.89
	5/7/2002	465.30	27.58	437.72
	9/11/2002	465.30	NM	NC
	12/11/2002	465.30	27.98	437.32
	3/14/2003	465.30	23.02	442.28
	6/25/2003	465.30	22.41	442.89
	9/16/2003	465.30	24.65	440.65
	3/10/2004	465.30	17.99	447.31
	6/15/2004	465.30	22.48	442.82
	9/17/2004	465.30	25.91	439.39
	12/10/2004	465.30	NM	NC
	3/2/2005	465.30	NM	NC
	5/27/2005	465.30	18.68	446.62
	7/21/2005	465.30	21.55	443.75
	10/10/2005	465.30	22.73	442.57
	1/9/2006	**465.30**	**18.05**	**447.25**

MSL: Mean sea level

bgs: Below ground surface

NA: well not accessible

NC: elevation not calculated

NM: well not measured

Table 2
Groundwater Analytical Results - Monitoring Wells
160 Holmes Street, Livermore, California

WellID	Date Collected	Total Petroleum Hydrocarbonss (µg/L)		Aromatic Volatile Organic Compounds (µg/L)					Oxygenated Volatile Organics (µg/L)							Lead Scavengers (µg/L)	
		Gasoline	Diesel	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	TAME	TBA	DIPE	ETBE	MTBE	ethanol	methanol	EDB	1,2-DCA
MW - 1	8/11/00	170,000	57,000	6,400	7,600	4,200	9,700	320,000	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/19/00	170,000	17,000	8,400	3,200	2,700	10,000	200,000	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2/22/01	82,000	11,000	5,100	1,000	13,000	8,700	190,000	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/30/01	not sampled - well dry							NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/14/01	not sampled - well dry							NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/7/02	not sampled - well dry							NA	NA	NA	NA	NA	NA	NA	NA	NA
	9/11/02	130,000	NA	7,700	1,100	4,500	1,500	<5000	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/1/02	NS	NS	NS	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3/14/03	180,000	3,800	7,100	3,200	4,300	6,000	220,000	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/25/03	71,000	3,100	7,500	4,700	4,800	8,900	210,000	NA	NA	NA	NA	NA	NA	NA	NA	NA
	9/16/03	37,000	3,600	4,600	220	3,600	930	150,000	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/22/03	44,000	4,000	6,800	1,500	4,000	3,800	180,000	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3/10/04	72,000	3,100	6,000	11,000	3,900	10,000	260,000	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/15/04	42,000	4,300	5,000	1,800	3,700	6,000	210,000	NA	NA	NA	NA	NA	NA	NA	NA	NA
	9/17/04	24,000	2,900	2,800	<33	2,900	500	83,000	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/10/04	31,000	2,700	4,600	190	4,400	2,800	200,000	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3/2/05	58,000	2,800	4,000	2,500	4,500	7,800	230,000	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/27/05	79,000	4,600	4,300	6,200	5,100	13,000	240,000	NA	NA	NA	NA	NA	NA	NA	NA	NA
	7/21/05	80,000	NS	4,300	5,300	5,400	14,000	300,000	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/10/05	58,000	NS	4,300	240	5,600	8,300	170,000	NA	NA	NA	NA	NA	NA	NA	NA	NA
	1/29/06	**47,000**	**3,700**	**3,100**	**1,100**	**4,400**	**5,900**	**180,000**	**<2,500**	**<25,000**	**<2,500**	**<2,500**	**240,000**	**<250,000**	**<2,500,000**	**<2,500**	**<2,500**

Table 2
Groundwater Analytical Results - Monitoring Wells
160 Holmes Street, Livermore, California

WellID	Date Collected	Total Petroleum Hydrocarbonss (µg/L)		Aromatic Volatile Organic Compounds (µg/L)					Oxygenated Volatile Organics (µg/L)							Lead Scavengers (µg/L)	
		Gasoline	Diesel	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	TAME	TBA	DIPE	ETBE	MTBE	ethanol	methanol	EDB	1,2-DCA
MW - 2	8/11/00	4,500	1,900	220	52	160	170	3,000	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/19/00	3,400	1,300	150	21	100	70	1,900	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2/22/01	7,600	880	25	<10	69	25	2,200	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/30/01	not sampled - well dry							NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/14/01	not sampled - well dry							NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/7/02	400	86	5.4	<0.5	1.9	2.3	230	NA	NA	NA	NA	NA	NA	NA	NA	NA
	9/11/02	260	NA	1.3	<0.5	0.57	0.77	200	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/1/02	250	120	7.9	1.6	13	9.9	180	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3/14/03	830	110	56	<0.5	<0.5	<1.0	1,200	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/25/03	260	180	0.92	2.9	3.1	8.1	2,000	NA	NA	NA	NA	NA	NA	NA	NA	NA
	9/16/03	420	260	3.6	3.4	5.2	2.4	1,300	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/22/03	240	120	0.82	3.1	7.8	3.9	1,400	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3/10/04	280	210	9.4	4.2	14	11	1,400	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/15/04	150	150	2.1	2.4	2.2	1.3	1,500	NA	NA	NA	NA	NA	NA	NA	NA	NA
	9/17/04	61	70	<0.5	1.0	<0.5	<0.5	730	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/10/04	84	110	<0.5	1.2	<0.5	1.5	1,300	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3/2/05	63	91	0.55	<0.5	0.63	0.51	1,000	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/27/05	270	59	14	3.9	19	6.8	1,100	NA	NA	NA	NA	NA	NA	NA	NA	NA
	7/21/05	280	NS	8.6	2.5	17	2.5	1,500	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/10/05	<50	NS	<.5	<.5	<.5	<.5	680	NA	NA	NA	NA	NA	NA	NA	NA	NA
	1/29/06	**1,700**	**890**	**4.4**	**1.3**	**120**	**18**	**530**	**<10**	**330**	**<10**	**<10**	**590**	**<1000**	**<10,000**	**<10**	**<10**
MW - 3	8/11/00	59	260	<0.5	<0.5	<0.5	<0.5	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/19/00	<50	<65	<0.5	<0.5	<0.5	<0.5	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2/22/01	<50	100	<0.5	<0.5	<0.5	<0.5	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/30/01	not sampled - well dry							NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/14/01	not sampled - well dry							NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/7/02	not sampled - well dry							NA	NA	NA	NA	NA	NA	NA	NA	NA
	9/11/02	<50	NA	<0.5	<0.5	<0.5	<0.5	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/1/02		NS						NA	NA	NA	NA	NA	NA	NA	NA	NA
	3/14/03	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/25/03	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
	9/16/03	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/22/03	<50	69	<0.5	<0.5	<0.5	<0.5	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3/10/04	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/15/04	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
	9/17/04	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/10/04	<50	<50	<0.5	<0.5	<0.5	<0.5	7.6	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3/2/05	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/27/05	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
	7/21/05	<50	NS	<0.5	<0.5	<0.5	<0.5	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/10/05	<50	NS	<0.5	<0.5	<0.5	<0.5	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
	1/29/06	**<50**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<5.0**	**<0.5**	**<5.0**	**<0.5**	**<5.0**	**<0.5**	**<50**	**<500**	**<0.5**	**<5.0**

Table 2
Groundwater Analytical Results - Monitoring Wells
160 Holmes Street, Livermore, California

WellID	Date Collected	Total Petroleum Hydrocarbonss (µg/L)		Aromatic Volatile Organic Compounds (µg/L)					Oxygenated Volatile Organics (µg/L)							Lead Scavengers (µg/L)	
		Gasoline	Diesel	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	TAME	TBA	DIPE	ETBE	MTBE	ethanol	methanol	EDB	1,2-DCA
MW-4	11/14/01	510	90	4.0	<0.5	<0.5	<0.5	14	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/7/02	150	<50	3.5	0.5	<0.5	<0.5	48	NA	NA	NA	NA	NA	NA	NA	NA	NA
	9/11/02	<50	NA	<0.5	<0.5	<0.5	<0.5	15	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/1/02	<50	<50	<0.5	<0.5	<0.5	<0.5	24	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3/14/03	<50	<50	<0.5	<0.5	<0.5	<0.5	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/25/03	<50	<50	<0.5	<0.5	<0.5	<0.5	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
	9/16/03	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/22/03	<50	69	<0.5	<0.5	<0.5	<0.5	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3/10/04	<50	<50	<0.5	<0.5	<0.5	<0.5	37	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/15/04	<50	<50	<0.5	<0.5	<0.5	<0.5	7.4	NA	NA	NA	NA	NA	NA	NA	NA	NA
	9/17/04	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/10/04	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3/2/05	<50	<50	<0.5	<0.5	<0.5	<0.5	14	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/27/05	<50	<50	<0.5	<0.5	<0.5	<0.5	9.6	NA	NA	NA	NA	NA	NA	NA	NA	NA
	7/21/05	<50	NS	<0.5	<0.5	<0.5	<0.5	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/10/05	<50	NS	<0.5	<0.5	<0.5	<0.5	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
	1/29/06	**<50**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**0.86**	**<0.5**	**<5.0**	**<0.5**	**<5.0**	**0.86**	**<50**	**<500**	**<0.5**	**<5.0**
MW-5	11/14/01	<50	<66	<0.5	<0.5	<0.5	<0.5	8.2	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/7/02	140	<50	<0.5	<0.5	<0.5	<0.5	110	NA	NA	NA	NA	NA	NA	NA	NA	NA
	9/11/02	<50	NA	<0.5	<0.5	<0.5	<0.5	6.3	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/1/02	73	<50	<0.5	<0.5	<0.5	<0.5	160	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3/14/03	110	<50	<0.5	<0.5	<0.5	<0.5	170	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/25/03	<50	<50	<0.5	<0.5	<0.5	<0.5	89	NA	NA	NA	NA	NA	NA	NA	NA	NA
	9/16/03	630	<50	<0.5	3.5	<0.5	2.6	1500	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/22/03	<0.5	<50	<0.5	<0.5	<0.5	<0.5	630	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3/10/04	57	<50	<0.5	<0.5	<0.5	<0.5	1100	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/15/04	<50	<50	<0.5	<0.5	<0.5	<0.5	750	NA	NA	NA	NA	NA	NA	NA	NA	NA
	9/17/04	<50	<50	<0.5	<0.5	<0.5	<0.5	780	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/10/04	<50	<50	<0.5	<0.5	<0.5	<0.5	120	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3/2/05	<50	<50	<0.5	<0.5	<0.5	<0.5	320	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/27/05	<50	<50	<0.5	<0.5	<0.5	<0.5	120	NA	NA	NA	NA	NA	NA	NA	NA	NA
	7/21/05	<50	NS	<0.5	<0.5	<0.5	<0.5	97	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/10/05	<50	NS	<0.5	<0.5	<0.5	<0.5	41	NA	NA	NA	NA	NA	NA	NA	NA	NA
	1/29/06	**<50**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**37**	**<0.5**	**<5.0**	**<0.5**	**<5.0**	**<5.0**	**<50**	**<500**	**<0.5**	**<5.0**
MW - 6	11/14/01	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/7/02	<50	<67	<0.5	<0.5	<0.5	<0.5	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
	9/11/02	<50	NA	<0.5	<0.5	<0.5	<0.5	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/11/02	<50	<50	<0.5	<0.5	<0.5	<0.5	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3/14/03	<50	<50	<0.5	<0.5	<0.5	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/25/03	<50	<50	<0.5	<0.5	<0.5	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
	9/16/03	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/22/03	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3/10/04	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 2
Groundwater Analytical Results - Monitoring Wells
160 Holmes Street, Livermore, California

WellID	Date Collected	Total Petroleum Hydrocarbonss (µg/L)		Aromatic Volatile Organic Compounds (µg/L)					Oxygenated Volatile Organics (µg/L)							Lead Scavengers (µg/L)	
		Gasoline	Diesel	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	TAME	TBA	DIPE	ETBE	MTBE	ethanol	methanol	EDB	1,2-DCA
	6/15/04	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
	9/17/04	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/10/04	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3/2/05	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/27/05	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
	7/21/05	<50	NS	<0.5	<0.5	<0.5	<0.5	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/10/05	<50	NS	<0.5	<0.5	<0.5	<0.5	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
	1/29/06	**<50**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<5.0**	**<0.5**	**<5.0**	**0.86**	**<50**	**<500**	**<0.5**	**<5.0**
EX-1	11/14/01	13,000	2,000	180	1,000	330	3,200	2,200	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/7/02	7,700	560	320	<25	66	150	6,200	NA	NA	NA	NA	NA	NA	NA	NA	NA
	9/11/02	2,800	NA	32	<13	14	<13	2,500	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/11/02	3,000	100	81	<0.5	44	<1.0	4,800	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3/14/03	750	50	<0.5	<0.5	7.7	13	1,200	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/25/03	120	<50	3.2	3.7	4.2	7.6	260	NA	NA	NA	NA	NA	NA	NA	NA	NA
	9/16/03	170	<50	0.5	1.5	<0.5	0.9	1,600	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3/10/04		NS						NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/15/04		NS						NA	NA	NA	NA	NA	NA	NA	NA	NA
	9/17/04		NS						NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/10/04		NS						NA	NA	NA	NA	NA	NA	NA	NA	NA
	3/2/05		NS						NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/27/05		NS						NA	NA	NA	NA	NA	NA	NA	NA	NA
	7/21/05	<50	NS	<0.5	<0.5	<0.5	<0.5	610	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/10/05	<50	NS	<0.5	<0.5	<0.5	<0.5	31	NA	NA	NA	NA	NA	NA	NA	NA	NA
	1/29/06	**580**	**55**	**40**	**25**	**45**	**43**	**4,200**	**<170**	**<1,700**	**<170**	**<170**	**5,200**	**<170,000**	**<17,000**	**<170**	**<170**

Notes:
Samples analyzed for TPHg and TPHd by EPA Method 8015Cm, BTEX by EPA Method 8021B, MTBE by EPA Method 8021B and/or 8260B, and the fuel oxygenates DIPE, ETBE, TAME, EDB, 1,2-DCA, ethanol, methanol, and TBA by EPA Method 8260B.

µg/L = micrograms per liter
NS = Not Sampled
NA = Not Analyzed
EDB = 1,2-Dibromoether
NS = Not Sampled
1,2-DCA = 1,2-Dichloroethane
MTBE = methyl tertiary butyl ether
DIPE =Di-isoprpopyl Ether
ETBE = Ethyl tert-Butyl Ether
TAME - tert-Amyl Methyl Ether
TBA = tert-Butanol

APPENDIX A
Groundwater Monitoring Field Protocol

Appendix A

Groundwater Monitoring Protocol

Well Monitoring and Sample Collection

A Teflon bailer or submersible pump was used to purge a minimum of three well volumes of groundwater from each well. After each well volume is purged, field parameters such as pH, temperature, and conductivity are recorded. Wells are purged until field parameters have stabilized or a maximum of ten (10) well volumes of groundwater have been removed. When possible, purge rates will not exceed the recharge rate for the well. However, if the well yield is low and the well was dewatered, the well is allowed to recharge to 80% of its original volume prior to sample collection. Field parameter measurements and pertinent qualitative observations, such as groundwater color and odor, are recorded in Groundwater Sampling Field Logs. Groundwater samples are collected in appropriate bottles and stored on ice for delivery, under chain-of-custody documentation, to a state-certified laboratory for analysis.

Equipment Decontamination

All drilling, sampling, and well development equipment was cleaned in a solution of laboratory grade detergent and distilled water or steam cleaned before use at each sampling point.

Field Personnel

During groundwater sampling activities, sampling personnel will wear pertinent attire to minimize risks to health and safety. Field personnel will also use a pair of clean, powderless, surgical gloves for each successive sampling point. Used surgical gloves will be placed into waste barrels for future disposal.

Waste Disposal

Water generated during well purging and sampling activities will be placed into DOT-approved 55-gallon waste drums. Waste drums will be temporarily stored on-site pending proper disposal of wastewater to an approved transport, storage, and disposal (TSD) facility.

APPENDIX B
Groundwater Sampling Field Logs

ALLTERRA

Groundwater Sampling Field Log

Site Address 160 Holmes	Date 1-9-06
Project Number	Field Personnel JR EA

Monitoring Well Information

Monitoring Well ID MW-2	Monitoring Well Diameter (inches) 2.0
Depth to Water (feet) ~~18.05~~ 17.67	Water Column (feet) ~~11.95~~ 12.33
Total Depth (feet) 30.0	80% Recharge Depth (feet)
Depth to Product (feet)	1 Well Volume (gallons) 2.09
Comments	

Field Measurements and Observations

Time	Depth to Water	Purge Volume	Conductivity	Temperature	pH	Turbidity	Color	Odor
11:40	~~18.67~~	2.0	952 ms	19.0°C	7.08	moderate	brown	mild
11:50		1	983 ms	18.7°C	6.80	high	1	strong
12:00			989 ms	18.7°C	6.80	11	1	11

Total Purge Volume 6.09 | Comments

Groundwater Sampling Information

Sample ID MW-1	Sample Time 12:00
Sample Containers (Number/Type) 4 1/oa 1 amber	
Comments	

Groundwater Sampling Field Log

Site Address 160 Holmes	Date 1-9-06
Project Number	Field Personnel JR EA

Monitoring Well Information

Monitoring Well ID MW-1	Monitoring Well Diameter (inches) 2.0
Depth to Water (feet) 18.05	Water Column (feet) ~~12.33~~ 11.95
Total Depth (feet) 30.0	80% Recharge Depth (feet)
Depth to Product (feet)	1 Well Volume (gallons) 2.03
Comments	

Field Measurements and Observations

Time	Depth to Water	Purge Volume	Conductivity	Temperature	pH	Turbidity	Color	Odor
11:40	18.05	2.0	~~1218~~ 1215	17.4°C	7.20	high	grey	strong
11:50	1	1	1235 ms	18.2°C	6.81	1	1	1
12:00			1232 ms	18.3°C	6.78			

Total Purge Volume 6.28 | Comments

Groundwater Sampling Information

Sample ID MW-2	Sample Time 12:00
Sample Containers (Number/Type) 4 1/oa 1 amber	
Comments	

ALLTERRA

Groundwater Sampling Field Log

Site Address 160 Holmes	Date 1-9-05
Project Number	Field Personnel EA

Monitoring Well Information

Monitoring Well ID MW-3	Monitoring Well Diameter (inches) 2.0
Depth to Water (feet) 18.24	Water Column (feet) 11.76
Total Depth (feet) 30.0	80% Recharge Depth (feet)
Depth to Product (feet)	1 Well Volume (gallons) 2.0
Comments	

Field Measurements and Observations

Time	Depth to Water	Purge Volume	Conductivity	Temperature	pH	Turbidity	Color	Odor
11:15	18.24	2.0	833 ms	18.9°C	7.18	moderate	brown	none
11:25	1	1	824 ms	18.8°C	6.90	high	↓	↓
11:15			828 ms	18.8°C	6.84	"		

Total Purge Volume	Comments

Groundwater Sampling Information

Sample ID MW-3	Sample Time 11:35
Sample Containers (Number/Type) 4 VOCs, 1 Amber	
Comments	

Groundwater Sampling Field Log

Site Address	Date
Project Number	Field Personnel

Monitoring Well Information

Monitoring Well ID	Monitoring Well Diameter (inches)
Depth to Water (feet)	Water Column (feet)
Total Depth (feet)	80% Recharge Depth (feet)
Depth to Product (feet)	1 Well Volume (gallons)
Comments	

Field Measurements and Observations

Time	Depth to Water	Purge Volume	Conductivity	Temperature	pH	Turbidity	Color	Odor

Total Purge Volume	Comments

Groundwater Sampling Information

Sample ID	Sample Time
Sample Containers (Number/Type)	
Comments	

ALLTERRA

Groundwater Sampling Field Log

Site Address 160 Holmes	Date 1-9-06
Project Number	Field Personnel SR EA

Monitoring Well Information

Monitoring Well ID MW-4	Monitoring Well Diameter (inches)
Depth to Water (feet) 18.54	Water Column (feet) 31.46
Total Depth (feet) 50.00	80% Recharge Depth (feet)
Depth to Product (feet)	1 Well Volume (gallons) 5.34
Comments	

Field Measurements and Observations

Time	Depth to Water	Purge Volume	Conductivity	Temperature	pH	Turbidity	Color	Odor
1:00	18.54	5.3	695 µs	17.9°C	7.76	high	brown	none
1:15	"	"	697 µs	17.8°C	7.48	"	"	"
1:30	"	"	700 µs	17.6°C	7.44	"	"	"

Total Purge Volume 16.04	Comments

Groundwater Sampling Information

Sample ID MW-4	Sample Time 1:40
Sample Containers (Number/Type) 4 Voa, 1 amber	
Comments	

Groundwater Sampling Field Log

Site Address 160 Holmes	Date 1-9-06
Project Number	Field Personnel SR EA

Monitoring Well Information

Monitoring Well ID MW-5	Monitoring Well Diameter (inches) 2.0
Depth to Water (feet) 18.99	Water Column (feet) 31.01
Total Depth (feet) 50.0	80% Recharge Depth (feet)
Depth to Product (feet)	1 Well Volume (gallons) 5.27
Comments	

Field Measurements and Observations

Time	Depth to Water	Purge Volume	Conductivity	Temperature	pH	Turbidity	Color	Odor
2:40	18.99	5.27	1052 µs	17.9°C	7.69	high	brown	none
2:50	"	"	1061 µs	17.8°C	7.41	"	"	"
3:00	"	"	1076 µs	17.8°C	7.34	"	"	"

Total Purge Volume 15.81	Comments

Groundwater Sampling Information

Sample ID MW-5	Sample Time 3:00
Sample Containers (Number/Type) 4 Voa 1 amber	
Comments	

ALLTERRA

Groundwater Sampling Field Log

Site Address 160 Holmes	Date 1/9/06
Project Number	Field Personnel SA, JK

Monitoring Well Information

Monitoring Well ID MW-5	Monitoring Well Diameter (inches) 2.0
Depth to Water (feet) 19.53	Water Column (feet) 30.47
Total Depth (feet) 50.00	80% Recharge Depth (feet)
Depth to Product (feet)	1 Well Volume (gallons) 5.18
Comments	

Field Measurements and Observations

Time	Depth to Water	Purge Volume	Conductivity	Temperature	pH	Turbidity	Color	Odor
		5.18						
		↓						

Total Purge Volume	Comments

Groundwater Sampling Information

Sample ID MW-5	Sample Time
Sample Containers (Number/Type) 4 Voas, 1 Amber	
Comments	

Groundwater Sampling Field Log

Site Address	Date
Project Number	Field Personnel

Monitoring Well Information

Monitoring Well ID EX-1	Monitoring Well Diameter (inches) 8.0
Depth to Water (feet) 18.05	Water Column (feet) 16.95
Total Depth (feet) 35.0	80% Recharge Depth (feet)
Depth to Product (feet)	1 Well Volume (gallons) 11.87
Comments	

Field Measurements and Observations

Time	Depth to Water	Purge Volume	Conductivity	Temperature	pH	Turbidity	Color	Odor
		11.87						
		↓						

Total Purge Volume	Comments

Groundwater Sampling Information

Sample ID	Sample Time
Sample Containers (Number/Type) 4 Voas, 1 Amber	
Comments	

APPENDIX C
Certified Analytical Reports and Chain of Custody

McCampbell Analytical, Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
Website: www.mccampbell.com E-mail: main@mccampbell.com

Allterra Environmental, Inc 849 Almar Ave, Ste. C #281 Santa Cruz, CA 95060	Client Project ID: #015-01-002; 160 Holmes Livermore	Date Sampled: 01/09/06
		Date Received: 01/11/06
	Client Contact: James Allen	Date Reported: 01/18/06
	Client P.O.:	Date Completed: 01/18/06

WorkOrder: 0601153

January 18, 2006

Dear James:

Enclosed are:

1). the results of 7 analyzed samples from your **#015-01-002; 160 Holmes Livermore project,**

2). a QC report for the above samples

3). a copy of the chain of custody, and

4). a bill for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits. If you have any questions please contact me. McCampbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Best regards,

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.

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Telephone : 925-798-1620 Fax : 925-798-1622
Website: www.mccampbell.com E-mail: main@mccampbell.com

Allterra Environmental, Inc	Client Project ID: #015-01-002; 160 Holmes Livermore	Date Sampled: 01/09/06
849 Almar Ave, Ste. C #281		Date Received: 01/11/06
Santa Cruz, CA 95060	Client Contact: James Allen	Date Extracted: 01/13/06-01/17/06
	Client P.O.:	Date Analyzed: 01/13/06-01/17/06

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extraction method: SW5030B Analytical methods: SW8021B/8015Cm Work Order: 0601153

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	MW-1	W	47,000,a,i	180,000	3100	1100	4400	5900	170	111
002A	MW-2	W	1700,a,i	530	4.4	1.3	120	18	1	109
003A	MW-3	W	ND,i	ND	ND	ND	ND	ND	1	99
004A	MW-4	W	ND,i	ND	ND	ND	ND	ND	1	95
005A	MW-5	W	ND,i	37	ND	ND	ND	ND	1	105
006A	MW-6	W	ND,i	ND	ND	ND	ND	ND	1	99
007A	EX-1	W	580,a,i	4200	40	25	45	43	3.3	114
Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	5.0	0.5	0.5	0.5	0.5	1	µg/L
	S	NA	NA	NA	NA	NA	NA	1	mg/Kg

* water and vapor samples and all TCLP & SPLP extracts are reported in ug/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

cluttered chromatogram; sample peak coelutes with surrogate peak.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern; n) TPH(g) range non-target isolated peaks subtracted out of the TPH(g) concentration at the client's request.

DHS Certification No. 1644

Angela Rydelius, Lab Manager

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Website: www.mccampbell.com E-mail: main@mccampbell.com

Allterra Environmental, Inc	Client Project ID: #015-01-002; 160 Holmes Livermore	Date Sampled: 01/09/06
849 Almar Ave, Ste. C #281		Date Received: 01/11/06
Santa Cruz, CA 95060	Client Contact: James Allen	Date Extracted: 01/11/06
	Client P.O.:	Date Analyzed: 01/11/06

Diesel Range (C10-C23) Extractable Hydrocarbons as Diesel*

Extraction method: SW3510C Analytical methods: SW8015C Work Order: 0601153

Lab ID	Client ID	Matrix	TPH(d)	DF	% SS
0601153-001B	MW-1	W	3700,d,i	1	91
0601153-002B	MW-2	W	890,d,i	1	87
0601153-003B	MW-3	W	ND,i	1	103
0601153-004B	MW-4	W	ND,i	1	100
0601153-005B	MW-5	W	ND,i	1	104
0601153-006B	MW-6	W	ND,i	1	102
0601153-007B	EX-1	W	55,d,i	1	103

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	µg/L
	S	NA	NA

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant); d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel; f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; k) kerosene/kerosene range/jet fuel range; l) bunker oil; m) fuel oil; n) stoddard solvent/mineral spirit.

DHS Certification No. 1644

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Allterra Environmental, Inc 849 Almar Ave, Ste. C #281 Santa Cruz, CA 95060	Client Project ID: #015-01-002; 160 Holmes Livermore	Date Sampled: 01/09/06
		Date Received: 01/11/06
	Client Contact: James Allen	Date Extracted: 01/13/06-01/17/06
	Client P.O.:	Date Analyzed: 01/13/06-01/17/06

Oxygenated Volatile Organics + EDB and 1,2-DCA by P&T and GC/MS*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0601153

Lab ID	0601153-001C	0601153-002C	0601153-003C	0601153-004C	Reporting Limit for DF =1	
Client ID	MW-1	MW-2	MW-3	MW-4		
Matrix	W	W	W	W		
DF	5000	20	1	1	S	W
Compound	**Concentration**				ug/kg	µg/L
tert-Amyl methyl ether (TAME)	ND<2500	ND<10	ND	ND	NA	0.5
t-Butyl alcohol (TBA)	ND<25,000	330	ND	ND	NA	5.0
1,2-Dibromoethane (EDB)	ND<2500	ND<10	ND	ND	NA	0.5
1,2-Dichloroethane (1,2-DCA)	ND<2500	ND<10	ND	ND	NA	0.5
Diisopropyl ether (DIPE)	ND<2500	ND<10	ND	ND	NA	0.5
Ethanol	ND<250,000	ND<1000	ND	ND	NA	50
Ethyl tert-butyl ether (ETBE)	ND<2500	ND<10	ND	ND	NA	0.5
Methanol	ND<2,500,000	ND<10,000	ND	ND	NA	500
Methyl-t-butyl ether (MTBE)	240,000	590	ND	0.86	NA	0.5
Surrogate Recoveries (%)						
%SS1:	101	105	104	106		
Comments	i	i	i	i		

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

DHS Certification No. 1644

Angela Rydelius, Lab Manager

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Allterra Environmental, Inc 849 Almar Ave, Ste. C #281 Santa Cruz, CA 95060	Client Project ID: #015-01-002; 160 Holmes Livermore	Date Sampled: 01/09/06
		Date Received: 01/11/06
	Client Contact: James Allen	Date Extracted: 01/13/06-01/17/06
	Client P.O.:	Date Analyzed: 01/13/06-01/17/06

Oxygenated Volatile Organics + EDB and 1,2-DCA by P&T and GC/MS*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0601153

Lab ID	0601153-005C	0601153-006C	Reporting Limit for DF =1	
Client ID	MW-5	MW-6		
Matrix	W	W		
DF	1	1	S	W
Compound	**Concentration**		ug/kg	µg/L
tert-Amyl methyl ether (TAME)	ND	ND	NA	0.5
t-Butyl alcohol (TBA)	52	ND	NA	5.0
1,2-Dibromoethane (EDB)	ND	ND	NA	0.5
1,2-Dichloroethane (1,2-DCA)	ND	ND	NA	0.5
Diisopropyl ether (DIPE)	ND	ND	NA	0.5
Ethanol	ND	ND	NA	50
Ethyl tert-butyl ether (ETBE)	ND	ND	NA	0.5
Methanol	ND	ND	NA	500
Methyl-t-butyl ether (MTBE)	40	ND	NA	0.5
Surrogate Recoveries (%)				
%SS1:	104	105		
Comments	i	i		

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

DHS Certification No. 1644

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Allterra Environmental, Inc 849 Almar Ave, Ste. C #281 Santa Cruz, CA 95060	Client Project ID: #015-01-002; 160 Holmes Livermore	Date Sampled: 01/09/06
		Date Received: 01/11/06
	Client Contact: James Allen	Date Extracted: 01/17/06
	Client P.O.:	Date Analyzed: 01/17/06

Oxygenated Volatile Organics + EDB and 1,2-DCA by P&T and GC/MS*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0601153

					Reporting Limit for DF =1	
Lab ID	0601153-007C					
Client ID	EX-1					
Matrix	W					
DF	330				S	W
Compound	**Concentration**				ug/kg	µg/L
tert-Amyl methyl ether (TAME)	ND<170				NA	0.5
t-Butyl alcohol (TBA)	ND<1700				NA	5.0
1,2-Dibromoethane (EDB)	ND<170				NA	0.5
1,2-Dichloroethane (1,2-DCA)	ND<170				NA	0.5
Diisopropyl ether (DIPE)	ND<170				NA	0.5
Ethanol	ND<17,000				NA	50
Ethyl tert-butyl ether (ETBE)	ND<170				NA	0.5
Methanol	ND<170,000				NA	500
Methyl-t-butyl ether (MTBE)	5200				NA	0.5
Surrogate Recoveries (%)						
%SS1:	102					
Comments	i					

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

DHS Certification No. 1644

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QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder: 0601153

EPA Method: SW8021B/8015Cm **Extraction: SW5030B** **BatchID: 19810** **Spiked Sample ID: 0601153-004A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD
TPH(btex)£	ND	60	106	107	0.451	113	102	9.86	70 - 130	70 - 130
MTBE	ND	10	95.9	95.2	0.735	91.9	90.7	1.22	70 - 130	70 - 130
Benzene	ND	10	94.6	93.4	1.25	89.7	95.2	5.87	70 - 130	70 - 130
Toluene	ND	10	94.2	92.4	1.98	92.4	95.8	3.63	70 - 130	70 - 130
Ethylbenzene	ND	10	96.7	95.7	0.964	92.3	95.9	3.75	70 - 130	70 - 130
Xylenes	ND	30	99.3	95.7	3.76	94.3	98.7	4.49	70 - 130	70 - 130
%SS:	95	10	99	98	1.32	101	104	2.68	70 - 130	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 19810 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0601153-001A	1/09/06	1/14/06	1/14/06 4:52 AM	0601153-001A	1/09/06	1/14/06	1/14/06 5:57 PM
0601153-002A	1/09/06	1/14/06	1/14/06 4:58 PM	0601153-002A	1/09/06	1/17/06	1/17/06 4:14 PM
0601153-003A	1/09/06	1/13/06	1/13/06 9:56 PM	0601153-004A	1/09/06	1/13/06	1/13/06 11:25 PM
0601153-005A	1/09/06	1/14/06	1/14/06 12:25 AM	0601153-006A	1/09/06	1/14/06	1/14/06 12:55 AM
0601153-007A	1/09/06	1/14/06	1/14/06 5:51 AM	0601153-007A	1/09/06	1/14/06	1/14/06 6:27 PM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not applicable or not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS Certification No. 1644

QA/QC Officer

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QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder: 0601153

EPA Method: SW8015C **Extraction: SW3510C** **BatchID: 19770** **Spiked Sample ID: N/A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD
TPH(d)	N/A	1000	N/A	N/A	N/A	105	104	0.671	N/A	70 - 130
%SS:	N/A	2500	N/A	N/A	N/A	119	118	1.13	N/A	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 19770 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0601153-001B	1/09/06	1/11/06	1/11/06 3:41 PM	0601153-002B	1/09/06	1/11/06	1/11/06 4:50 PM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS Certification No. 1644

QA/QC Officer

McCampbell Analytical, Inc.

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Website: www.mccampbell.com E-mail: main@mccampbell.com

QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder: 0601153

EPA Method: SW8015C	Extraction: SW3510C	BatchID: 19812	Spiked Sample ID: N/A

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD
TPH(d)	N/A	1000	N/A	N/A	N/A	101	101	0	N/A	70 - 130
%SS:	N/A	2500	N/A	N/A	N/A	116	117	0.562	N/A	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 19812 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0601153-003B	1/09/06	1/11/06	1/11/06 3:42 PM	0601153-004B	1/09/06	1/11/06	1/11/06 4:53 PM
0601153-005B	1/09/06	1/11/06	1/11/06 3:42 PM	0601153-006B	1/09/06	1/11/06	1/11/06 4:53 PM
0601153-007B	1/09/06	1/11/06	1/11/06 3:44 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS Certification No. 1644

QA/QC Officer

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Website: www.mccampbell.com E-mail: main@mccampbell.com

QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Water | QC Matrix: Water | WorkOrder: 0601153

EPA Method: SW8260B	Extraction: SW5030B	BatchID: 19811	Spiked Sample ID: 0601153-003C

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD
tert-Amyl methyl ether (TAME)	ND	10	113	108	4.46	108	106	1.74	70 - 130	70 - 130
t-Butyl alcohol (TBA)	ND	50	87.5	95.8	9.06	89.2	86.6	3.00	70 - 130	70 - 130
1,2-Dibromoethane (EDB)	ND	10	111	103	7.46	104	100	4.02	70 - 130	70 - 130
1,2-Dichloroethane (1,2-DCA)	ND	10	109	106	3.07	108	104	4.48	70 - 130	70 - 130
Diisopropyl ether (DIPE)	ND	10	119	115	3.49	117	111	4.84	70 - 130	70 - 130
Ethanol	ND	500	99.1	101	1.56	97.4	96.1	1.27	70 - 130	70 - 130
Ethyl tert-butyl ether (ETBE)	ND	10	101	94.3	6.42	96.3	95	1.35	70 - 130	70 - 130
Methanol	ND	2500	100	102	1.59	101	98.9	2.34	70 - 130	70 - 130
Methyl-t-butyl ether (MTBE)	ND	10	95.3	91.3	4.30	93.6	91	2.88	70 - 130	70 - 130
%SS1:	104	10	98	99	1.45	100	98	2.22	70 - 130	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 19811 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0601153-001C	1/09/06	1/13/06	1/13/06 11:54 PM	0601153-002C	1/09/06	1/17/06	1/17/06 10:47 PM
0601153-003C	1/09/06	1/14/06	1/14/06 1:19 AM	0601153-004C	1/09/06	1/14/06	1/14/06 2:01 AM
0601153-005C	1/09/06	1/14/06	1/14/06 2:44 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

DHS Certification No. 1644

QA/QC Officer

McCampbell Analytical, Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
Website: www.mccampbell.com E-mail: main@mccampbell.com

QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Water | QC Matrix: Water | WorkOrder: 0601153

EPA Method: SW8260B	Extraction: SW5030B	BatchID: 19819	Spiked Sample ID: 0601153-006C

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD
tert-Amyl methyl ether (TAME)	ND	10	100	97.5	15.0	96.2	98.7	2.59	70 - 130	70 - 130
t-Butyl alcohol (TBA)	ND	50	86.9	89.1	1.79	85.3	90.5	5.88	70 - 130	70 - 130
1,2-Dibromoethane (EDB)	ND	10	98.4	97.8	12.8	98.2	91.3	7.37	70 - 130	70 - 130
1,2-Dichloroethane (1,2-DCA)	ND	10	95.8	96.1	12.5	92.8	97.3	4.75	70 - 130	70 - 130
Diisopropyl ether (DIPE)	ND	10	106	101	16.5	101	102	1.15	70 - 130	70 - 130
Ethanol	ND	500	89.1	95.4	3.78	97.7	96.9	0.845	70 - 130	70 - 130
Ethyl tert-butyl ether (ETBE)	ND	10	91.4	86	15.5	84.4	86.8	2.82	70 - 130	70 - 130
Methanol	ND	2500	98.7	99.2	1.21	100	98.6	1.63	70 - 130	70 - 130
Methyl-t-butyl ether (MTBE)	ND	10	87.4	81.6	15.5	80.9	80.2	0.795	70 - 130	70 - 130
%SS1:	105	10	100	94	3.62	97	98	0.961	70 - 130	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 19819 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0601153-006C	1/09/06	1/14/06	1/14/06 3:26 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

DHS Certification No. 1644

QA/QC Officer

0601153

Chain of Custody Record

ALLTERRA
849 Almar Avenue, Suite C, #281
Santa Cruz, California 95060
Website: www.allterracnv.com
Phone: (831) 425-2608 Facsimile: (831) 425-2609

Turn Around Time (circle one) RUSH 24HR 48HR 72HR 5 Day

Report and Bill to: Allterra Environmental, Inc.
Project Number: 015-01-002
Project Location: 160 Holmes
Project Name: Livermore
Sampler Signature:

Sample ID	Sample Collection: Date	Sample Collection: Time	Sample Containers: Number of Containers	Sample Containers: Container Type	Matrix: Air	Matrix: Water	Matrix: Soil	Matrix: Sludge	Matrix: Other	Preservation: Ice	Preservation: HCl	Preservation: HNO_3	Preservation: Other	TPHg/ BTEX/ MTBE (EPA 8015/8021)	BTEX (EPA 8020)	TPHd (EPA 8015)	5-fuel oxys (EPA 8260)	Ethanol and Methanol (EPA 8260)	Lead Scavengers (8260)	Total HVOCs (EPA 8260)	Hardness/Total dissolved solids	CAM-17 Metals (EPA 6010/6020)	LUFT 5 Metals (EPA 6010/6020)	PAHs/ PNA's (EPA 8270,625/8310)	Fish Toxicity/Bioassay	Lead (EPA 6010/200.9/200.8)		EDF required
+5 MW-1	1-9-06		4, 1	Vom, Amber		X				X	X			X		X	X	X										X
+1 MW-2	↓		↓	↓		↓				↓	↓			↓		↓	↓	↓										↓
+5 MW-3																												
+1 MW-4																												
+1 MW-5																												
+1 MW-6																												
+1 EX-1																												

Sampled By:	Date:	Time:	Received By:
EA, JR	1-9-06		
Received By:	Date: 1/11/06	Time: 8am	Received By:
Received By:	Date:	Time:	Received By:

Comments: Test for EDB, 1,2-DCA by 8260.

REC'D SEALED & INTACT VIA C/O

Most Extra Voa's had headspace

ICE/T ✓
GOOD CONDITION ✓ APPROPRIATE ✓
HEAD SPACE ABSENT X CONTAINERS
DECHLORINATED IN LAB PRESERVED IN LAB
PRESERVATION ✓ VOAS | O&G | METALS | OTHER

McCampbell Analytical, Inc.
110 Second Avenue South, #D7
Pacheco, CA 94553-5560
(925) 798-1620

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0601153 **ClientID: ATRS** **EDF: YES**

Report to:
James Allen
Allterra Environmental, Inc
849 Almar Ave, Ste. C #281
Santa Cruz, CA 95060
TEL: 831-425-2608
FAX: 831-425-2609
ProjectNo: #015-01-002; 160 Holmes Livermore
PO:

Bill to:
Accounts Payable
Allterra Environmental
849 Almar Ave, Ste. C #281
Santa Cruz, CA 95060

Requested TAT: 5 days

Date Received: 01/11/2006
Date Printed: 01/11/2006

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
0601153-001	MW-1	Water	1/9/06	☐	C	A	A	B								
0601153-002	MW-2	Water	1/9/06	☐	C	A		B								
0601153-003	MW-3	Water	1/9/06	☐	C	A		B								
0601153-004	MW-4	Water	1/9/06	☐	C	A		B								
0601153-005	MW-5	Water	1/9/06	☐	C	A		B								
0601153-006	MW-6	Water	1/9/06	☐	C	A		B								
0601153-007	EX-1	Water	1/9/06	☐	C	A		B								

Test Legend:

1	9-OXYS_W	2	G-MBTEX_W	3	PREDF REPORT	4	TPH(D)_W	5	
6		7		8		9		10	
11		12							

Prepared by: Maria Venegas

Comments:

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.