

Alameda County Health Care Services Agency

1131 Harbor Bay Pkwy, Suite 250

Alameda, CA 94502

RECEIVED

By Alameda County Environmental Health at 11:35 am, Feb 03, 2015

Subject: RO#0000262

Albany Hill Mini Mart

800 San Pablo Avenuc

Albany, CA

Attached please find a copy of the most recent groundwater sampling report for the above referenced site. 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,

Jasminder Sikand





Aqua Science Engineers, Inc. 55 Oak Court, Suite 220, Danville, CA 94526
(925) 820-9391 - Fax (925) 837-4853 - www.aquascienceengineers.com

January 24, 2008

QUARTERLY GROUNDWATER MONITORING REPORT
DECEMBER 2007 GROUNDWATER SAMPLING
ASE JOB NO. 3934

at

Albany Hill Mini Mart
800 San Pablo Avenue
Albany, CA 94706

Prepared by:
AQUA SCIENCE ENGINEERS, INC.
55 Oak Court, Suite 220
Danville, CA 94526
(925) 820-9391



Aqua Science Engineers, Inc. 55 Oak Court, Suite 220, Danville, CA 94526
(925) 820-9391 - Fax (925) 837-4853 - www.aquascienceengineers.com

1.0 INTRODUCTION

Site Location (Site), See Figure 1

Albany Hill Mini Mart
800 San Pablo Avenue
Albany, CA 94706

Responsible Party

Dr. Joginder Sikand
1300 Ptarmigan Drive #1
Walnut Creek, CA 94595

Environmental Consulting Firm

Aqua Science Engineers, Inc. (ASE)
55 Oak Court, Suite 220
Danville, CA 94526
Contact: Robert Kitay, Senior Geologist
(925) 820-9391

Agency Review

Alameda County Health
Care Services Agency (ACHCSA)
1131 Harbor Bay Pkwy
Suite 250
Alameda, CA 94502
Contact: Jerry Wickham
(510) 567-6791

California Regional Water
Quality Control Board (RWQCB)
San Francisco Bay Region
1515 Clay Street, Suite 1400
Oakland, CA 94612
Contact: Ms. Betty Graham
(510) 622-2433

The following is a report detailing the results of the December 2007 quarterly groundwater sampling at the Albany Hill Mini Mart Property. This sampling was conducted as required by the ACHCSA and RWQCB. ASE prepared this report on behalf of Dr. Joginder Sikand, the property owner and responsible party.



Aqua Science Engineers, Inc. 55 Oak Court, Suite 220, Danville, CA 94526
(925) 820-9391 - Fax (925) 837-4853 - www.aquascienceengineers.com

2.0 GROUNDWATER FLOW DIRECTION AND GRADIENT

On December 5, 2007, ASE measured the depth to groundwater in all ten site monitoring wells using an electric water level sounder. The surface of the groundwater was also checked for the presence of free-floating hydrocarbons or sheen. No sheen or free-floating hydrocarbons were observed in any of the monitoring wells. Groundwater elevation data is presented in Table One. A groundwater potentiometric surface map is presented as Figure 2. The groundwater flow direction is to the north, east and west with a gradient of between 0.01 and 0.25 this quarter.

3.0 GROUNDWATER SAMPLE COLLECTION AND ANALYSIS

On December 5, 2007, ASE collected groundwater samples from all ten monitoring wells. Prior to sampling, each monitoring well was purged of at least three well casing volumes of groundwater using disposable polyethylene bailers. Monitoring well MW-9 went dry prior to three well casings being purged and was allowed to recover to 80% prior to sampling. The parameters pH, temperature, and conductivity were monitored during the well purging, and samples were not collected until these parameters stabilized. Groundwater samples were collected from each well using the same polyethylene bailers and were decanted from the bottom of the bailers using low-flow emptying devices into 40-ml volatile organic analysis (VOA) vials, pre-preserved with hydrochloric acid. The samples were capped without headspace, labeled, and placed in coolers with wet ice for transport to Kiff Analytical of Davis, California (ELAP #2236) under appropriate chain-of-custody documentation. Well sampling field logs are presented in Appendix A.

The well purge water was placed into a 55-gallon steel drum and labeled for temporary storage until proper disposal could be arranged.

The groundwater samples were analyzed by Kiff for total petroleum hydrocarbons as gasoline (TPH-G), benzene, toluene, ethylbenzene, and total xylenes (collectively known as BTEX), and fuel oxygenates including methyl tertiary-butyl ether (MTBE) by EPA Method 8260B, and total petroleum hydrocarbons as diesel (TPH-D) by EPA Method 8015M. The analytical results for this and previous sampling events are summarized in Table Two. The most recent certified analytical report and chain-of-custody documentation are included as Appendix B.

4.0 RESULTS AND CONCLUSIONS

- TPH-G, benzene, ethylbenzene and MTBE concentrations detected in groundwater samples collected from monitoring well MW-1 decreased slightly this quarter, while toluene and total xylene concentrations increased slightly.
- Benzene and MTBE concentrations in groundwater samples collected from monitoring well MW-2 decreased from last quarter, while TBA concentrations increased slightly. In general,



Aqua Science Engineers, Inc. 55 Oak Court, Suite 220, Danville, CA 94526
(925) 820-9391 - Fax (925) 837-4853 - www.aquascienceengineers.com

there has been a decreasing trend in hydrocarbon concentrations in this well since August 2000.

- There was a significant decrease in TPH-G and BTEX concentrations in groundwater samples collected from monitoring well MW-3 this quarter with these compounds not being detected this quarter. There was an increase in MTBE and slight decrease in TBA concentrations this quarter.
- There was a very slight decrease in almost all of the hydrocarbons in groundwater samples collected from monitoring well MW-4 this quarter, with all hydrocarbon concentrations (except MTBE) at historic lows.
- There was a significant increase in TPH-G and BTEX concentrations in groundwater samples collected from monitoring well MW-5R this quarter from the anomalous low concentrations of the previous quarter. No oxygenates were detected this quarter. The current concentrations are more similar to the previous historical results, but still show decreased concentrations from the May 2007 results.
- Hydrocarbon concentrations detected in groundwater samples collected from monitoring well MW-6 were very similar to previous results.
- There was a very significant decrease in TPH-G and BTEX concentrations in groundwater samples collected from monitoring well MW-7 this quarter, while the MTBE concentrations decreased slightly and TBA concentrations increased.
- There was a slight increase in all hydrocarbon concentrations (except benzene) in groundwater samples collected from monitoring well MW-8 this quarter. The benzene concentration decreased significantly this quarter to a historic low.
- TPH-G and BTEX concentrations in groundwater samples collected from monitoring well MW-9 decreased slightly this quarter (except xylenes which increased slightly). There appears to be a long term decreasing trend in hydrocarbon concentrations in this well. No oxygenates were detected again this quarter.
- There was a significant decrease from last quarter's anomalous high hydrocarbon concentrations in groundwater samples collected from monitoring well MW-10. The only hydrocarbons detected this quarter were 310 parts per billion (ppb) TPH-G and 1.2 ppb benzene.



Aqua Science Engineers, Inc. 55 Oak Court, Suite 220, Danville, CA 94526
(925) 820-9391 - Fax (925) 837-4853 - www.aquascienceengineers.com

Concentrations exceeding Environmental Screening Levels¹ (ESLs):

- In MW-1, TPH-G, benzene, total xylenes and MTBE concentrations exceeded ESLs.
- In MW-2, the MTBE concentration exceeded the ESL.
- In MW-3, the MTBE concentration exceeded the ESL.
- In MW-4, TPH-G, benzene, total xylenes and MTBE concentrations exceeded ESLs.
- In MW-5R, TPH-G, benzene and ethylbenzene concentrations exceeded ESLs.
- In MW-6, TPH-G, benzene and MTBE concentrations exceeded ESLs.
- In MW-7, TPH-G, benzene and MTBE concentrations exceeded ESLs.
- In MW-8, TPH-G, benzene, ethylbenzene, total xylenes and MTBE concentrations exceeded ESLs.
- In MW-9, TPH-G and BTEX concentrations exceeded ESLs.
- In MW-10, TPH-G and benzene concentrations exceeded ESLs.

5.0 RECOMMENDATIONS

ASE recommends continued groundwater monitoring on a quarterly basis. The next groundwater sampling is scheduled for February 2008. Since no TPH-D has been detected at the site for over one year, ASE recommends that analyses for TPH-D be discontinued from future sampling events. ASE began operation of an ozone-sparging groundwater remediation system at the site on November 26, 2007. The system has operated continuously, except for pre-set down times periodically throughout the day, since its startup. Ozone monitoring of the subslab and ambient air within the on-site buildings, as well as the United Transmission building, occurs on a weekly basis as directed. The system will continue to operate until directed by the ACHCSA.

6.0 REPORT LIMITATIONS

The results presented in this report represent the conditions at the time of the groundwater sampling, at the specific locations where the groundwater samples were collected, and for the specific parameters analyzed by the laboratory. It does not fully characterize the site for contamination resulting from sources other than the former underground storage tanks and associated plumbing at the site, or for parameters not analyzed by the laboratory. All of the laboratory work cited in this report was prepared under the direction of an independent CAL-DHS certified laboratory. The independent laboratory is solely responsible for the contents and conclusions of the chemical analysis data.

¹ As presented in the "Screening For Environmental Concerns at Sites With Contaminated Soil and Groundwater" document prepared by the California Regional Water Quality Control Board, San Francisco Bay Region dated November 2007 for sites where groundwater is a current or potential source of drinking water.



Aqua Science Engineers, Inc. 55 Oak Court, Suite 220, Danville, CA 94526
(925) 820-9391 - Fax (925) 837-4853 - www.aquascienceengineers.com

Aqua Science Engineers appreciates the opportunity to provide environmental consulting services for this project, and trust that this report meets your needs. Please feel free to call us at (925) 820-9391 if you have any questions or comments.

Respectfully submitted,

AQUA SCIENCE ENGINEERS, INC.

David Allen, R.E.A.
Vice President

Robert E. Kitay, P.G., R.E.A.
Senior Geologist



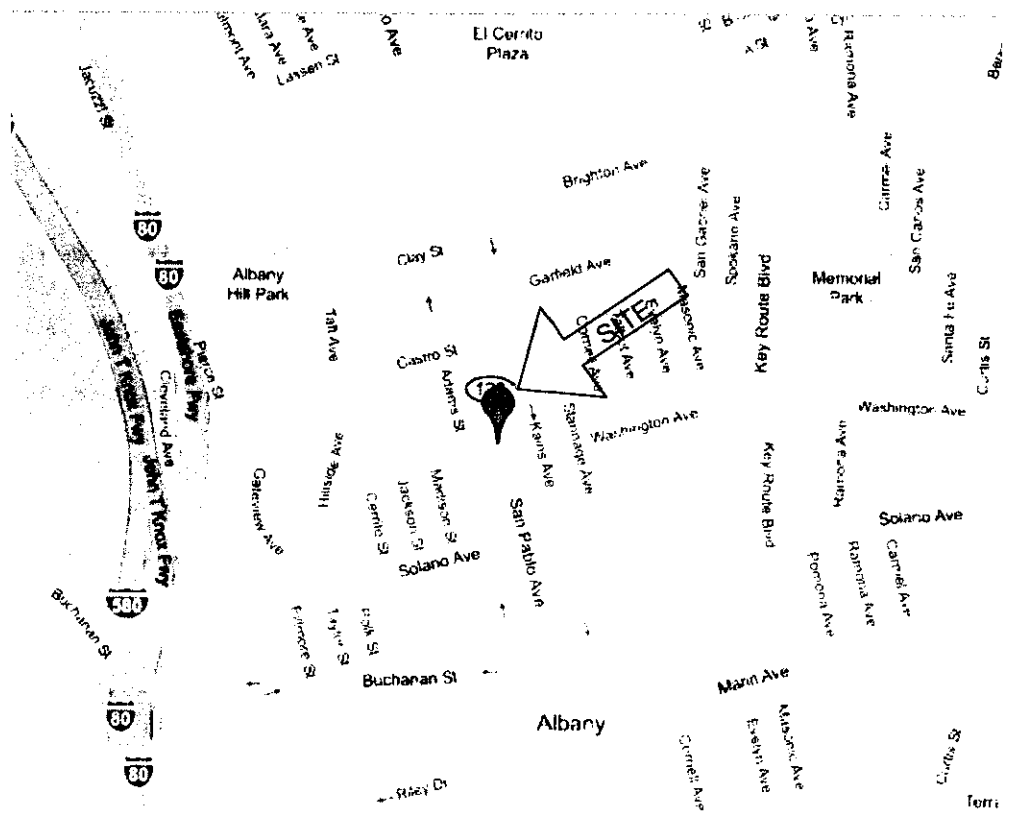
Attachments: Figures 1 and 2
Tables One and Two
Appendices A and B

cc: Mr. Jerry Wickham, ACHCSA
Ms. Betty Graham, RWQCB



Aqua Science Engineers, Inc. 55 Oak Court, Suite 220, Danville, CA 94526
(925) 820-9391 - Fax (925) 837-4853 - www.aquascienceengineers.com

FIGURES



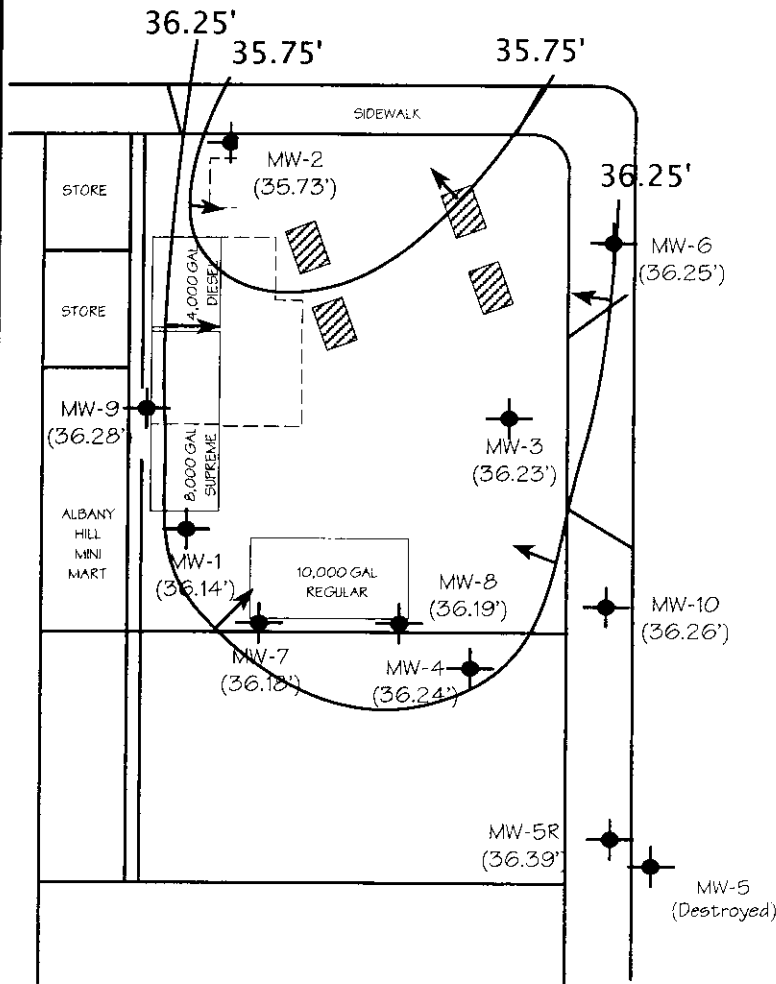
LOCATION MAP	
ALBANY HILL MINI MART 800 SAN PABLO AVE ALBANY, CALIFORNIA	
AQUA SCIENCE ENGINEERS	FIGURE 1






NORTH

SCALE: 1" = 20'

WASHINGTON AVENUE



LEGEND

- MW-9 (36.28')
-  MONITORING WELL WITH GROUNDWATER ELEVATION IN FEET
-  GROUNDWATER ELEVATION CONTOUR LINE WITH FLOW DIRECTION
-  APPROXIMATE FORMER UST LOCATION AND AREA OF EXCAVATION

POTENTIOMETRIC
SURFACE CONTOUR MAP
DECEMBER 5, 2007

ALBANY HILL MINI MART
800 SAN PABLO AVENUE
ALBANY, CALIFORNIA

AQUA SCIENCE ENGINEERS

Figure 2



Aqua Science Engineers, Inc. 55 Oak Court, Suite 220, Danville, CA 94526
(925) 820-9391 - Fax (925) 837-4853 - www.aquascienceengineers.com

TABLES

TABLE ONE
 Groundwater Elevation Data
Albany Hill Mini Mart
 800 San Pablo Avenue, Albany, CA

Well ID	Date of Measurement	Top of Casing Elevation* (feet)	Depth to Water (feet)	Groundwater Elevation (feet)
MW-1	8/6/99	101.68	11.95	89.73
	11/5/99		12.72	88.96
	2/7/00		10.34	91.34
	5/5/00		10.59	91.09
	8/3/00		11.75	89.93
	11/8/00		11.67	90.01
	2/8/01		11.20	90.48
	6/7/01		11.35	90.33
	9/7/01		11.71	89.97
	12/13/01		10.67	91.01
	6/13/02		11.42	90.26
	9/11/02		12.42	89.26
	2/14/03	46.42	10.69	35.73
	9/10/04		13.83	32.59
	12/7/04		12.18	34.24
	4/18/05		9.92	36.50
	6/20/05		10.64	35.78
	10/7/05		12.42	34.00
	12/7/05		11.51	34.91
	3/6/06	48.82	9.35	39.47
	6/27/06		10.07	38.75
8/24/06		12.02	36.80	
11/20/06		12.02	36.80	
2/5/07		11.68	37.14	
5/7/07		10.91	37.91	
8/3/07		12.34	36.48	
12/5/07		12.68	36.14	
MW-2	8/6/99	101.57	10.83	90.74
	11/5/99		11.66	89.91
	2/7/00		9.23	92.34
	5/5/00		9.54	92.03
	8/3/00		10.69	90.88
	11/8/00		10.62	90.95
	2/8/01		10.17	91.40
	6/7/01		10.30	91.27
	9/7/01		10.65	90.92
	12/13/01		9.65	91.92
	6/13/02		10.37	91.20
	9/11/02		11.32	90.25
	2/14/03	45.31	9.59	35.72
	9/10/04		11.78	33.53
	12/7/04		11.13	34.18
	4/18/05		8.71	36.60
	6/20/05		9.60	35.71
	10/7/05		11.39	33.92
	12/7/05		11.49	33.82
	3/6/06	47.71	8.22	39.49
	6/27/06		9.45	38.26
8/24/06		10.35	37.36	
11/20/06		10.87	36.84	
2/5/07		10.53	37.18	
5/7/07		9.72	37.99	
8/3/07		11.47	36.24	
12/5/07		11.98	35.73	

TABLE ONE
 Groundwater Elevation Data
Albany Hill Mini Mart
 800 San Pablo Avenue, Albany, CA

Well ID	Date of Measurement	Top of Casing Elevation* (feet)	Depth to Water (feet)	Groundwater Elevation (feet)
MW-3	8/6/99	100.33	10.58	89.75
	11/5/99		11.39	88.94
	2/7/00		9.05	91.28
	5/5/00		9.29	91.04
	8/3/00		10.43	89.90
	11/8/00		10.33	90.00
	2/8/01		9.94	90.39
	6/7/01		10.04	90.29
	9/7/01		10.31	90.02
	12/13/01		9.38	90.95
	6/13/02		10.03	90.30
	9/11/02		11.02	89.31
	2/14/03	45.08	9.40	35.68
	9/10/04		12.51	32.57
	12/7/04		11.86	33.22
	4/18/05		8.49	36.59
	6/20/05		9.34	35.74
	10/7/05		11.11	33.97
	12/7/05		10.22	34.86
	3/6/06	47.49	8.84	38.65
	6/27/06		6.07	41.42
	8/24/06		10.26	37.23
	11/20/06		10.52	36.97
2/5/07		10.41	37.08	
5/7/07		9.57	37.92	
8/3/07		11.06	36.43	
12/5/07			11.26	36.23
MW-4	6/13/02	100.05	10.18	89.87
	9/11/02		11.12	88.93
	2/14/03	45.20	9.51	35.69
	9/10/04		11.59	33.61
	12/7/04		10.91	34.29
	4/18/05		8.62	36.58
	6/20/05		9.45	35.75
	10/7/05		11.20	34.00
	12/7/05		10.30	34.90
	3/6/06	47.61	8.19	39.42
	6/27/06		9.71	37.90
	8/24/06		10.43	37.18
	11/20/06		10.70	36.91
	2/5/07		10.60	37.01
	5/7/07		9.52	38.09
8/3/07		11.33	36.28	
12/5/07			11.37	36.24

TABLE ONE
 Groundwater Elevation Data
Albany Hill Mini Mart
 800 San Pablo Avenue, Albany, CA

Well ID	Date of Measurement	Top of Casing Elevation* (feet)	Depth to Water (feet)	Groundwater Elevation (feet)
MW-5	6/13/02	98.37	8.88	89.49
	9/11/02		9.95	88.42
	2/14/03	44.12	8.66	35.46
	9/10/04		10.26	33.86
	12/7/04		10.79	33.33
	4/18/05	Well Destroyed by City During Street Construction		
MW-5R	10/7/05		10.94	
	12/7/05		9.97	
	3/6/06	47.36	4.93	42.43
	6/27/06		9.47	37.89
	8/24/06		10.10	37.26
	11/20/06		10.00	37.36
	2/5/07		10.21	37.15
	5/7/07		9.21	38.15
	8/3/07		10.60	36.76
	12/5/07		10.97	36.39
MW-6	6/13/02	99.36	8.85	90.51
	9/11/02		9.82	89.54
	2/14/03	43.88	8.21	35.67
	9/10/04		10.33	33.55
	12/7/04		9.83	34.05
	4/18/05		7.08	36.80
	6/20/05		7.52	36.36
	10/7/05		10.92	32.96
	12/7/05		8.85	35.03
	3/6/06	46.27	6.22	40.05
	6/27/06		7.40	38.87
	8/24/06		9.15	37.12
	11/20/06		10.40	35.87
	2/5/07		9.20	37.07
	5/7/07		7.79	38.48
8/3/07		9.96	36.31	
12/5/07		10.02	36.25	
MW-7	6/13/02	100.96	10.95	90.01
	9/11/02		11.90	89.06
	2/14/03	45.59	10.25	35.34
	9/10/04		12.35	33.24
	12/7/04		11.42	34.17
	4/18/05		9.34	36.25
	6/20/05		10.19	35.40
	10/7/05		12.96	32.63
	12/7/05	not sampled		
	3/6/06	48.36	8.92	39.44
	6/27/06		10.41	37.95
	8/24/06		11.21	37.15
	11/20/06		11.46	36.90
	2/5/07		11.34	37.02
	5/7/07		10.39	37.97
	8/3/07		12.09	36.27
	12/5/07		12.18	36.18

TABLE ONE
 Groundwater Elevation Data
Albany Hill Mini Mart
 800 San Pablo Avenue, Albany, CA

Well ID	Date of Measurement	Top of Casing Elevation* (feet)	Depth to Water (feet)	Groundwater Elevation (feet)
MW-8	6/13/02	100.54	10.57	89.97
	9/11/02		11.53	89.01
	2/14/03	45.59	9.98	35.61
	9/10/04		11.98	33.61
	12/7/04		11.42	34.17
	4/18/05		8.99	36.60
	6/20/05		9.83	35.76
	10/7/05		11.60	33.99
	12/7/05		11.69	33.90
	3/6/06	47.99	8.58	39.41
	6/27/06		10.06	37.93
	8/24/06		10.77	37.22
	11/20/06		11.12	36.87
	2/5/07		10.97	37.02
	5/7/07		9.94	38.05
8/13/07		11.74	36.25	
12/15/07			11.80	36.19
MW-9	2/14/03	46.86	10.84	36.02
	9/10/04		12.97	33.89
	12/7/04		12.84	34.02
	4/18/05		9.75	37.11
	6/20/05		10.83	36.03
	10/7/05		12.59	34.27
	12/7/05		12.56	34.30
	3/6/06	49.24	10.24	39.00
	6/27/06		9.83	39.41
	8/24/06		11.91	37.33
	11/20/06		12.42	36.82
	2/5/07		11.95	37.29
	5/7/07		11.20	38.04
	8/13/07		12.67	36.57
	12/15/07			12.96
MW-10	10/7/05		10.52	
	3/6/06	46.90	7.46	39.44
	6/27/06		9.03	37.87
	8/24/06		9.75	37.15
	11/20/06		10.30	36.60
	2/5/07		9.83	37.07
	5/7/07		8.85	38.05
	8/13/07		11.00	35.90
12/15/07			10.64	36.26

Notes:

Data prior to September 7th, 2004, including survey data, is based on tables compiled by AAKG.

* Top of casing elevations were initially surveyed to an arbitrary benchmark. The elevations were resurveyed on November 11, 2002 with respect mean sea level.

TABLE TWO
 Summary of Analytical Results for GROUNDWATER Samples
Albany Hill Mini Mart
 800 San Pablo Avenue, Albany, CA
 All results are in parts per billion (ppb)

Well ID or Sample Point	Date Sampled	TPH Gasoline	TPH Diesel	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TAME	TBA	MTBE	Other VOCs
MW-1	8/6/99	1,500	1,200	4.3	2.9	9.1	28	--	--	ND	--
	11/5/99	1,800	1,400	5.1	3.2	8.9	33	--	--	ND	--
	2/7/00	1,100	890	3.3	1.9	5.6	21	--	--	ND	--
	5/7/00	970	650	2.9	1.7	4.9	18	--	--	ND	--
	8/3/00	1,200	270*	190	43.0	41	160	--	--	360	--
	11/8/00	4,200	230*	390	200.0	130	560	--	--	840**	--
	2/8/01	2,800	380*	630	130.0	51	250	--	--	390	--
	6/7/01	650	190	97	13.0	20	62	--	--	320	--
	9/7/01	970	400	260	17.0	4.4	140	--	--	460	--
	12/13/01	291	< 50	91.7	1.4	17.4	7.2	--	--	499	--
	6/13/02	5,120	2,160*	1,860	22.0	316	318	--	--	325	--
	11/11/02	824	< 50	216	< 5	22	20	--	--	290	--
	2/14/03	1,783	590*	546	5.0	90	52	--	--	321	--
	9/10/04	900	82	210	8.4	52	23	< 0.5	5.1	220	< 0.5
	12/7/04	540	< 80	130	3.1	24	14	< 0.5	< 5.0	240	< 0.5
	4/18/05	1,800	< 200	390	3.6	32	57	< 0.5	< 5.0	240	0.53,1.2-DCA
	6/20/05	2,500	< 300	740	12.0	110	69	< 0.5	5.7	240	< 0.50
	10/7/05	520	130	97	26.0	11	28	< 0.50	< 5.0	190	< 0.50
	12/7/05	220	86	42	11.0	6.2	12	< 0.50	< 5.0	230	< 0.50
	3/6/06	180	69	63	1.6	3.8	2.3	< 0.50	< 0.50	180	< 0.50
	6/27/06	2,800	< 300	1,100	7.1	140	44	< 0.50	9.9	220	< 0.50
	8/24/06	3,200	< 200	1,100	6.6	170	16	< 2.0	< 9.0	250	< 2.0
	11/20/06	630	< 50	170	1.2	22	2.8	< 0.50	6.2	220	< 0.50
	2/5/07	570	< 50	180	1.0	23	3.4	< 0.50	< 5.0	180	< 0.50
	5/7/07	500	< 50	200	0.64	12	0.72	< 0.50	< 5.0	210	< 0.50
	8/3/07	930	< 80	300	2.8	49	6.8	< 0.50	7.1	160	< 0.50
12/5/07	560	< 50	150	37	9.8	46	< 0.50	< 5.0	100	< 0.50	
MW-2	8/6/99	ND	340	ND	ND	ND	ND	--	--	ND	--
	11/5/99	ND	420	ND	ND	ND	0.7	--	--	ND	--
	2/7/00	ND	310	ND	ND	ND	0.6	--	--	ND	--
	5/7/00	ND	280	ND	ND	ND	< 1	--	--	ND	--
	8/3/00	460	70*	79	3.0	43	8	--	--	3,300	--
	11/8/00	200	120	57	2.0	13	8	--	--	3,000	--
	2/8/01	290	80	50	1.0	0.6	4	--	--	3,100	--
	6/7/01	210	80	18	0.6	3	5	--	--	2,000	--
	9/7/01	230	ND	51	ND	8	8	--	--	2,400	--
	12/13/01	172	ND	53	1.2	7.7	8.4	--	--	1,780	--
	6/13/02	86	< 50	6	6.7	1.1	4.5	--	--	1,830	--
	11/11/02	1,040	< 50	5	1.0	< 1	5	--	--	1,250	--
	2/14/03	82	< 50	8	< 1	1	< 3	--	--	1,520	--
	9/10/04	< 100	72	16	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	620	< 1.0
	12/7/04	< 150	86	17	< 1.5	< 1.5	< 1.5	< 1.5	< 7.0	540	< 1.5
	4/18/05	280	130	55	< 1.5	4.4	< 1.5	< 1.5	< 2.0	640	< 1.5
	6/20/05	200	100	34	< 0.90	2.4	2.7	< 0.90	5.2	540	< 0.90
	10/7/05	< 90	150	11	< 0.90	< 0.90	< 0.90	< 0.90	< 5.0	560	< 0.90
	12/7/05	< 90	110	15	< 0.90	< 0.90	< 0.90	< 0.90	< 5.0	500	< 0.90
	3/6/06	< 90	88	70	< 0.90	< 0.90	< 0.90	< 0.50	5.2	610	< 0.50
	6/27/06	270	150	49	< 0.50	5.1	3.4	0.58	8.9	540	< 0.50
	8/24/06	110	120	13	< 0.50	1.3	< 0.50	< 0.50	< 5.0	480	< 0.50
	11/20/06	56	< 50	5.6	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	330	< 0.50
	2/5/07	98	< 50	28	< 0.50	< 0.50	< 0.50	0.61	< 5.0	500	< 0.50
	5/7/07	< 90	< 50	22	< 0.90	< 0.90	< 0.90	< 0.90	6.0	450	< 0.90
	8/3/07	< 50	< 50	2.2	< 0.50	< 0.50	< 0.50	< 0.50	9.0	240	< 0.50
12/5/07	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	37	82	< 0.50	

TABLE TWO
 Summary of Analytical Results for **GROUNDWATER** Samples
Albany Hill Mini Mart
 800 San Pablo Avenue, Albany, CA
 All results are in **parts per billion (ppb)**

Well ID or Sample Point	Date Sampled	TPH Gasoline	TPH Diesel	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TAME	TBA	MTBE	Other VOCs
MW-3	8/6/99	ND	ND	ND	ND	ND	ND	--	--	ND	--
	11/5/99	92	54	ND	ND	0.6	1.7	--	--	ND	--
	2/7/00	120	71	ND	0.6	0.8	2.2	--	--	ND	--
	5/7/00	100	68	ND	ND	0.7	1.9	--	--	ND	--
	8/3/00	910	300*	220	9.0	35	16	--	--	11,000**	--
	11/8/00	990	200	320	0.8	18	9	--	--	8,000	--
	2/8/01	990	110	180	21.0	7	24	--	--	5,200**	--
	6/7/01	370	140	62	4.0	8	13	--	--	6,600**	--
	9/7/01	460	ND	87	1.0	11	25	--	--	9,400**	--
	12/13/01	251	ND	66.8	0.9	2.6	8.4	--	--	6,600	--
	6/13/02	3,630	< 50	41	60.0	41	187	--	--	8,820**	--
	11/11/02	6,210	< 50	150	< 1	5	< 3	--	--	7,770	--
	2/14/03	176	< 50	31	< 1	2	< 3	--	--	5,040	--
	9/10/04	< 1,000	140	110	< 10	< 10	21	20	200	4,400	< 10
	12/7/04	1,000	150	310	19.0	24	50	21	< 100	4,000	< 10
	4/18/05	750	150	170	16.0	33	36	6.1	< 50	1,700	< 5.0
	6/20/05	680	120	140	9.7	20	38	7.4	< 20	1,900	< 4.0
	10/7/05	630	160	140	10.0	11	34	9.2	< 20	2,000	< 4.0
	12/7/05	550	200	128	6.4	7.2	10	11	56	2,400	< 4.0
	3/6/06	88	36	< 2.0	5.3	2.1	4.2	13	1,000	1,000	< 2.0
	6/27/06	7,400	< 1,500	2,800	12	190	56	9.8	110	760	< 4.0
	8/24/06	< 400	130	24	< 4.0	< 4.0	14	9.0	40	2,800	< 4.0
	11/20/06	< 400	< 50	42	< 4.0	4.4	8.7	7.3	71	1,700	< 4.0
	2/5/07	440	< 50	110	4.2	< 4.0	16	7.3	39	1,600	< 4.0
	5/25/07	240	< 50	52	4.3	4.3	18	4.3	140	1,100	< 2.0
	8/3/07	500	< 50	190	7.2	12	40	4.4	320	860	< 1.5
12/5/07	< 150	< 50	< 1.5	< 1.5	< 1.5	< 1.5	5.1	280	1,200	< 1.5	
MW-4	6/13/02	4,460	1,500*	425	409.0	115	730	--	--	32	--
	11/11/02	5,150	2,380*	2,010	74.0	399	252	--	--	< 20	--
	2/14/03	6,360	2,410*	1,560	82.0	274	573	--	--	< 1	--
	9/10/04	1,600	180	370	6.5	68	93	< 1.0	10	13	1.1 (DIPE)
	12/7/04	1,900	< 200	450	8.2	72	100	< 0.9	5.4	9.5	< 0.9
	4/18/05	10,000	< 800	1,500	27.0	420	900	< 1.5	15	18	< 1.5
	6/20/05	6,100	< 600	830	19.0	280	400	< 1.5	17	22	< 1.5
	10/7/05	3,200	< 500	660	8.7	110	140	< 1.5	12	14	< 1.5
	12/7/05	1,000	< 200	220	2.5	48	37	< 0.5	< 5.0	12	< 0.5
	3/6/06	1,200	< 300	280	2.1	32	77	0.65	< 0.50	75	1.0 (DIPE) / 0.57 (1,2-DCA)
	6/27/06	2,000	< 300	570	4.0	110	120	< 0.90	15	110	1.2 (DIPE)
	8/24/06	2,500	< 300	830	6.5	120	120	< 0.90	18	95	< 0.90
	11/20/06	1,900	< 80	590	4.8	37	29	< 1.5	< 1.5	14	< 1.5
	2/5/07	2,700	< 80	970	4.4	53	62	< 1.5	< 1.2	45	< 1.5
	5/7/07	2,900	< 200	1,200	5.0	89	95	< 1.5	18	34	< 1.5
	8/3/07	1,800	< 200	610	3.4	36	25	0.62	9.3	25	1.4 DIPE
	12/5/07	1,300	< 200	530	3.4	3.4	20	< 0.90	6.0	32	0.98 DIPE

TABLE TWO
 Summary of Analytical Results for GROUNDWATER Samples
Albany Hill Mini Mart
 800 San Pablo Avenue, Albany, CA
 All results are in parts per billion (ppb)

Well ID or Sample Point	Date Sampled	TPH Gasoline	TPH Diesel	Benzene	Toluene	Ethylbenzene	Total Xylenes	TAME	TBA	MTBE	Other VOCs	
MW-5	6/13/02	536	< 50	6.4	0.6	22	23	--	--	11	--	
	11/11/02	3,270	1,230*	<1	<1	28	8	--	--	<1	--	
	2/14/03	1,260	610*	9	7.0	22	5	--	--	<1	--	
	9/10/04	1,300	150	2.4	<0.50	0.77	<0.50	<0.50	<5.0	<0.50	<0.50	
	12/7/04	1,000	< 200	4.1	<0.50	1.4	<0.50	<0.50	<5.0	<0.50	<0.50	
	4/18/05	Improperly Destroyed by City of Albany During Street Improvements										
MW-5R	10/7/05	760	<800	2	<0.50	8.3	1.2	<0.50	<5.0	<0.50	<0.50	
	12/7/05	5,200	<2,000	36	1.0	320	15	<0.50	<5.0	<0.50	<0.50	
	3/6/06	6,300	<3,000	44	1.2	370	19	<0.90	5.9	<0.90	<0.90	
	6/27/06	5,100	<2,000	53	1.3	370	17	<0.50	5.6	<0.50	<0.50	
	8/24/06	6,500	<2,000	80	1.8	510	18	<0.90	9.9	<0.90	<0.90	
	11/20/06	5,400	<600	160	2.4	370	100	<0.90	10	81	<0.90	
	2/5/07	6,300	<1,500	69	3.2	480	31	<0.80	10	<0.80	<0.80	
	5/7/07	5,600	<500	61	2.4	510	19	<0.90	11	<0.90	<0.90	
	8/3/07	170	<50	3.7	<0.50	<0.50	<0.50	1.4	9.2	330	<0.50	
	12/5/07	4,500	<800	32	1.3	240	10	<0.50	<5.0	<0.50	<0.50	
	MW-6	6/13/02	2,980	1,460*	31	2.3	3.8	12	--	--	370	--
		11/11/02	3,570	1,210*	336	5	<5	<15	--	--	95	--
2/14/03		3,770	1,620*	429	12	7	10	--	--	122	--	
9/10/04		<1,000	390	2.7	<0.50	<0.50	<0.50	2.3	48	280	<0.50	
12/7/04		1,800	<600	32	1.7	<0.50	1.1	2.2	49	160	<0.50	
4/18/05		1,200	1,400	34	1.3	<0.50	0.90	0.86	19	36	<0.50	
6/20/05		590	1,300	3.3	<0.50	<0.50	<0.50	<0.50	5.5	8.5	<0.50	
10/7/05		470	1,300	6.8	<0.50	<0.50	<0.50	0.67	20	82	<0.50	
12/7/05		420	910	10	<0.50	<0.50	<0.50	<0.50	7.3	22	<0.50	
3/6/06		790	590	3.2	<0.50	<0.50	<0.50	<0.50	<0.50	4.3	<0.50	
6/27/06		2,600	980	100	4.0	0.96	2.2	1.0	49	78	<0.50	
8/24/06		1,200	960	57	2.3	<0.50	1.1	0.82	34	64	<0.50	
11/20/06		1,300	<200	58	1.7	<0.50	1.3	<0.50	18	26	<0.50	
2/5/07		1,200	<200	49	1.8	<0.50	1.6	0.90	45	67	<0.50	
5/7/07		290	<50	3.1	<0.50	<0.50	<0.50	<0.50	<0.50	5.0	<0.50	
8/3/07		580	<80	23	1.0	<0.50	<0.50	0.57	34	45	<0.50	
12/5/07		870	<800	2.8	<0.50	<0.50	<0.50	0.58	20	54	<0.50	
MW-7	6/13/02	24,100	1,570*	2,310	657	945	5,430	--	--	951	--	
	11/11/02	4,760	2,160*	1,820	21	316	1,141	--	--	702	--	
	2/14/03	4,320	2,380*	1,020	7	223	293	--	--	1,410	--	
	9/10/04	4,800	<300	640	16	250	490	<1.5	31	590	<1.5	
	12/7/04	990	<300	140	3.4	49	70	4.0	<20	960	<2.0	
	4/18/05	1,400	<300	260	1.3	96	16	<1.0	20	370	<1.0	
	6/20/05	1,900	<200	320	1.0	130	24	<0.50	17	370	<0.50	
	10/7/05	2,600	<800	190	4.7	91	200	<0.73	8.0	310	<0.50	
	12/7/05	Not sampled. Inaccessible										
	3/6/06	640	<200	85	0.88	24	30	<0.50	8.0	150	<0.50	
	6/27/06	1,200	<200	180	1.7	64	64	<0.50	14	150	<0.50	
	8/24/06	990	<200	120	0.96	36	51	<0.50	13	180	<0.50	
	11/20/06	1,600	<200	200	1.6	59	160	<0.50	5.2	180	<0.50	
	2/5/07	2,300	<200	390	2.6	120	140	<0.50	15	190	<0.50	
	5/7/07	490	<80	190	0.61	9.3	3.2	0.55	16	200	<0.50	
	8/3/07	2,100	<200	390	2.4	94	73	0.61	19	220	0.51 DPE	
12/5/07	140	<50	7.2	0.67	3.0	18	0.98	150	180	<0.50		

TABLE TWO
 Summary of Analytical Results for **GROUNDWATER** Samples
Albany Hill Mini Mart
 800 San Pablo Avenue, Albany, CA
 All results are in **parts per billion (ppb)**

Well ID or Sample Point	Date Sampled	TPH Gasoline	TPH Diesel	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TAME	TBA	MTBE	Other VOCs	
MW-8	6/13/02	20,000	7,760*	2,200	1,140	1,050	4,090	--	--	12,000	--	
	11/11/02	5,010	2,010*	187	<1	15	<3	--	--	16,600	--	
	2/14/03	1,980	<50	607	6	113	40	--	--	11,500	--	
	9/10/04	<2,000	200	110	<20	26	49	25	<200	8,600	<20	
	12/7/04	2,000	280	420	<10	40	61	31	100	6,800	<10	
	4/18/05	<1000	250	76	<10	23	<10	17	<100	3,700	<10	
	6/20/05	1,300	300	190	<7.0	21	40	19	<40	3,400	<7.0	
	10/7/05	<700	200	85	<7.0	9.3	8.3	23	<40	4,400	<7.0	
	12/7/05	1,400	300	250	8.7	41	90	18	<40	4,400	<7.0	
	3/6/06						Not sampled. Inaccessible					
	6/27/06	710	250	100	<5.0	7.8	26	16	30	3,100	<5.0	
	8/24/06	540	260	74	<5.0	5.4	45	15	<25	2,700	<5.0	
	11/20/06	2,100	<100	380	4.4	18	170	10	530	1,900	<4.0	
	2/5/07	1,700	<100	560	3.9	7.5	80	2.7	970	630	<1.0	
	5/7/07	510	<50	170	0.61	2.1	5.4	0.57	460	110	<0.50	
	8/3/07	840	<80	240	1.6	7.0	18	<0.50	100	100	<0.50	
	12/5/07	1,400	<300	9.2	3.9	36	310	1.5	210	370	<0.50	
MW-9	6/27/02	19,000	--	1,430	1,750	501	5,410	--	--	<0.5	--	
	11/11/02	19,000	13,200*	3,390	4,540	1,020	9,050	--	--	549	--	
	2/14/03	21,300	8,200*	1,700	2,200	701	4,970	--	--	<1	--	
	9/10/04	12,000	<1,500	890	37	280	2,000	<5.0	<5.0	<5.0	<5.0	
	12/7/04	13,000	<1,500	950	580	480	2,900	<5.0	<5.0	<5.0	<5.0	
	4/18/05	9,600	<1,000	820	180	260	1,400	<2.5	<2.5	<2.5	<2.5	
	6/20/05	9,800	<1,500	760	260	430	1,400	<2.0	<9.0	<2.0	<2.0	
	10/7/05	3,400	<1000	350	170	100	480	<0.50	<5.0	<0.50	<0.50	
	12/7/05	5,600	<1000	320	97	200	580	<0.90	<5.0	<0.50	<0.50	
	3/6/06	4,200	<800	460	120	97	600	<0.90	<5.0	<0.90	<0.50	
	6/27/06	8,100	<1,000	710	330	390	1,700	<0.50	<5.0	<2.0	<0.50	
	8/24/06	6,100	<800	550	220	280	1,200	<2.0	<9.0	<2.0	<2.0	
	11/20/06	5,200	<400	310	98	130	850	<1.0	<5.0	<1.0	<1.0	
	2/5/07	4,500	<400	370	120	190	720	<1.0	<5.0	<1.0	<1.0	
	5/7/07	6,400	<300	700	220	380	1,200	<1.0	<5.0	<1.0	<1.0	
	8/3/07	5,300	<300	380	140	290	830	<0.90	<5.0	<0.90	<0.90	
	12/5/07	4,100	<300	250	84	130	990	<1.0	<5.0	<1.0	<1.0	
MW-10	10/7/05	470	330	17	<0.50	2	11	1.2	9.4J	210	<0.50	
	12/7/05					Not sampled. Inaccessible						
	3/6/06	130	130	4.2	<0.50	<0.50	<0.50	4.9	13	820	0.55 (DIPE)	
	6/27/06	<400	140	4.4	<0.50	<0.50	<0.50	8.9	21	1,300	0.60 (DIPE)	
	8/24/06	<400	140	<4.0	<4.0	<4.0	<4.0	7.0	<20	1,400	<4.0	
	11/20/06	<150	<50	2.5	<1.5	<1.5	<1.5	3.3	10	750	<1.5	
	2/5/07	170	<50	3.0	<0.90	<0.90	<0.90	2.4	6.5	440	<0.90	
	5/7/07	96	<50	2.3	<0.50	<0.50	<0.50	0.53	<5.0	180	<0.50	
	8/3/07	5,000	<1,000	67	2.3	4.0	14	<0.50	6.7	<0.50	<0.50	
	12/5/07	310	<50	1.2	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	
ESL		100	100	1	40	30	20	NE	NE	5	Varies	

Notes:

Data prior to August 2004 is based on a table compiled by AARS - ASE has not checked results against original laboratory reports.

* Does not match diesel pattern

** Confirmed by GC/MS method 8260

ESL = Environmental screening levels presented in the "Screening For Environmental Concerns at Sites With Contaminated Soil and Groundwater" (November 2007) document prepared by the California Regional Water Quality Control Board, San Francisco Bay Region for sites where groundwater is a current or potential source of drinking water

Most recent concentrations are in **Bold**.

Non-detectable concentrations noted by the less than sign (<) followed by the laboratory detection limit.

NE indicates that no ESL has been established for this compound.



Aqua Science Engineers, Inc. 55 Oak Court, Suite 220, Danville, CA 94526
(925) 820-9391 - Fax (925) 837-4853 - www.aquascienceengineers.com

APPENDIX A

Well Sampling Field Logs

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME	A.H.		
JOB NUMBER	3934	DATE OF SAMPLING	12.5.07
WELL ID.	MW-1	SAMPLER	DA
TOTAL DEPTH OF WELL	242	WELL DIAMETER	2
DEPTH TO WATER PRIOR TO PURGING	1248		
PRODUCT THICKNESS	Ø		
DEPTH OF WELL CASING IN WATER	1152		
NUMBER OF GALLONS PER WELL CASING VOLUME	1.92		
NUMBER OF WELL CASING VOLUMES TO BE REMOVED	3		
REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING	5.8		
EQUIPMENT USED TO PURGE WELL	NEW DISP. BAKER (N.D.B.)		
TIME EVACUATION STARTED	0945	TIME EVACUATION COMPLETED	1000
TIME SAMPLES WERE COLLECTED	1005		
DID WELL GO DRY	NO	AFTER HOW MANY GALLONS	—
VOLUME OF GROUNDWATER PURGED	N.D.B.		
SAMPLING DEVICE	N.D.B.		
SAMPLE COLOR	LT. GRAY	ODOR/SEDIMENT	SLIGHT TRACE / MILD

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1	66.8	7.20	820
2	67.6	7.32	810
3	68.1	7.28	812

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
MW-1	5	40 ml VOA	8260B + D	✓

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME A 4

JOB NUMBER 3934 DATE OF SAMPLING 12.5.07

WELL ID. Mw-2 SAMPLER DA

TOTAL DEPTH OF WELL 24.8 WELL DIAMETER 2

DEPTH TO WATER PRIOR TO PURGING 11.98

PRODUCT THICKNESS 0

DEPTH OF WELL CASING IN WATER 12.82

NUMBER OF GALLONS PER WELL CASING VOLUME 2.14

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 6.4

EQUIPMENT USED TO PURGE WELL N.D.B

TIME EVACUATION STARTED 1020 TIME EVACUATION COMPLETED 1035

TIME SAMPLES WERE COLLECTED 1040

DID WELL GO DRY NO AFTER HOW MANY GALLONS —

VOLUME OF GROUNDWATER PURGED 6.4

SAMPLING DEVICE N.D.B.

SAMPLE COLOR OPAQUE LT. BROWN ODOR/SEDIMENT NONE / HEAVY

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1	67.6	7.50	486
2	67.8	7.40	510
3	68.0	7.46	492

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
<u>Mw-2</u>	<u>5</u>	<u>40 ml VOLS</u>	<u>82608 + D</u>	<input checked="" type="checkbox"/>

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME A.H.

JOB NUMBER 3934 DATE OF SAMPLING 12-5-07

WELL ID. MW-3 SAMPLER DA

TOTAL DEPTH OF WELL 23.8 WELL DIAMETER 2

DEPTH TO WATER PRIOR TO PURGING 11.26

PRODUCT THICKNESS 0

DEPTH OF WELL CASING IN WATER 12.54

NUMBER OF GALLONS PER WELL CASING VOLUME 2.1

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 6.3

EQUIPMENT USED TO PURGE WELL N.D.B.

TIME EVACUATION STARTED 1050 TIME EVACUATION COMPLETED 1110

TIME SAMPLES WERE COLLECTED 1115

DID WELL GO DRY NO AFTER HOW MANY GALLONS -

VOLUME OF GROUNDWATER PURGED 6.3

SAMPLING DEVICE N.D.B.

SAMPLE COLOR VERY LT GRAY ODOR/SEDIMENT SLIGHT TO TRACE HC / SLIGHT

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1	67.1	7.05	610
2	67.6	6.92	618
3	67.8	6.94	611

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
<u>MW-3</u>	<u>5</u>	<u>40 ml VOA</u>	<u>SR60B+D</u>	<input checked="" type="checkbox"/>

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME A.4-

JOB NUMBER 3934 DATE OF SAMPLING 12.5.07

WELL ID. MW-4 SAMPLER DA

TOTAL DEPTH OF WELL 24.5 WELL DIAMETER 2

DEPTH TO WATER PRIOR TO PURGING 11.37

PRODUCT THICKNESS 0

DEPTH OF WELL CASING IN WATER 13.13

NUMBER OF GALLONS PER WELL CASING VOLUME 2.2

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 6.6

EQUIPMENT USED TO PURGE WELL N.D.B.

TIME EVACUATION STARTED 1120 TIME EVACUATION COMPLETED 1135

TIME SAMPLES WERE COLLECTED 1140

DID WELL GO DRY No AFTER HOW MANY GALLONS -

VOLUME OF GROUNDWATER PURGED 6.6

SAMPLING DEVICE N.D.B.

SAMPLE COLOR LT. GRAY ODOR/SEDIMENT SLIGHT HC / SLIGHT

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1	67.0	7.03	1020
2	67.4	7.11	1034
3	68.0	7.07	1019

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
<u>MW-4</u>	<u>5</u>	<u>40 ml VOA</u>	<u>SWP B & D</u>	<u>/</u>

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME A.H.

JOB NUMBER 3934 DATE OF SAMPLING 12.5.07

WELL ID. MW-SR SAMPLER DA

TOTAL DEPTH OF WELL 19.58 WELL DIAMETER 2

DEPTH TO WATER PRIOR TO PURGING 12.97

PRODUCT THICKNESS 0

DEPTH OF WELL CASING IN WATER 8.61

NUMBER OF GALLONS PER WELL CASING VOLUME 1.44

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 4.3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING

EQUIPMENT USED TO PURGE WELL N.D.B.

TIME EVACUATION STARTED 1200 TIME EVACUATION COMPLETED 1220

TIME SAMPLES WERE COLLECTED 1225

DID WELL GO DRY NO AFTER HOW MANY GALLONS -

VOLUME OF GROUNDWATER PURGED 4.3

SAMPLING DEVICE N.D.B.

SAMPLE COLOR light grey ODOR/SEDIMENT slt H/C / slt.

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1	68.7	7.04	760
2	68.6	7.11	775
3	68.6	6.98	768

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
mw-sr	5	40 ml VOA	8260B + D	✓

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME A.H.

JOB NUMBER 3934 DATE OF SAMPLING 12-5-07

WELL ID. MW-6 SAMPLER DA

TOTAL DEPTH OF WELL 24.7 WELL DIAMETER 2

DEPTH TO WATER PRIOR TO PURGING 10.02

PRODUCT THICKNESS 0

DEPTH OF WELL CASING IN WATER 14.68

NUMBER OF GALLONS PER WELL CASING VOLUME 245

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 7.35

EQUIPMENT USED TO PURGE WELL N.D.B.

TIME EVACUATION STARTED 1325 TIME EVACUATION COMPLETED 1340

TIME SAMPLES WERE COLLECTED 1345

DID WELL GO DRY NO AFTER HOW MANY GALLONS —

VOLUME OF GROUNDWATER PURGED 7.5

SAMPLING DEVICE N.D.B.

SAMPLE COLOR OPAKE BRN ODOR/SEDIMENT HEAVY HC / HEAVY SILT

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1	68.6	7.11	561
2	68.7	7.09	570
3	68.9	7.10	572

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
MW-6	5	4 ml VOA	82608 RD	✓

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME A.H

JOB NUMBER 3974 DATE OF SAMPLING 12-5-07

WELL ID. MW-7 SAMPLER DA

TOTAL DEPTH OF WELL 24.7 WELL DIAMETER 2

DEPTH TO WATER PRIOR TO PURGING 12.18

PRODUCT THICKNESS 0

DEPTH OF WELL CASING IN WATER 12.52

NUMBER OF GALLONS PER WELL CASING VOLUME 2.1

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 6.3

EQUIPMENT USED TO PURGE WELL P.D.B

TIME EVACUATION STARTED 1355 TIME EVACUATION COMPLETED 1410

TIME SAMPLES WERE COLLECTED 1420

DID WELL GO DRY NO AFTER HOW MANY GALLONS -

VOLUME OF GROUNDWATER PURGED 6.5

SAMPLING DEVICE N.D.B.

SAMPLE COLOR MEA orange brn ODOR/SEDIMENT slight H₂S / mod. silt

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1	68.8	6.82	760
2	68.6	6.90	755
3	68.8	6.93	765

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
<u>MW-7</u>	<u>5</u>	<u>40 mL VOA</u>	<u>8260B + D</u>	<input checked="" type="checkbox"/>

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME A.H.

JOB NUMBER 3934 DATE OF SAMPLING 12-5-07

WELL ID. MW-8 SAMPLER DA

TOTAL DEPTH OF WELL 19.1 WELL DIAMETER 2

DEPTH TO WATER PRIOR TO PURGING 11.80

PRODUCT THICKNESS 0

DEPTH OF WELL CASING IN WATER 7.3

NUMBER OF GALLONS PER WELL CASING VOLUME 1.22

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 3.65

EQUIPMENT USED TO PURGE WELL N.D.B.

TIME EVACUATION STARTED 1435 TIME EVACUATION COMPLETED 1450

TIME SAMPLES WERE COLLECTED 1455

DID WELL GO DRY NO AFTER HOW MANY GALLONS —

VOLUME OF GROUNDWATER PURGED 4

SAMPLING DEVICE N.D.B.

SAMPLE COLOR opaque yellow ODOR/SEDIMENT TRACE / SLIGHT - BUT HEAVY SED.

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1	67.6	6.80	735
2	68.4	6.92	720
3	67.9	7.04	730

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
<u>MW-8</u>	<u>5</u>	<u>40 ml VOA</u>	<u>8000 B + D</u>	<input checked="" type="checkbox"/>

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME	A.4		
JOB NUMBER	3934	DATE OF SAMPLING	12-5-07
WELL ID.	MW-9	SAMPLER	DA
TOTAL DEPTH OF WELL	16.8	WELL DIAMETER	2
DEPTH TO WATER PRIOR TO PURGING	12.96		
PRODUCT THICKNESS	5		
DEPTH OF WELL CASING IN WATER	3.84		
NUMBER OF GALLONS PER WELL CASING VOLUME	0.64		
NUMBER OF WELL CASING VOLUMES TO BE REMOVED	1 3		
REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING	2		
EQUIPMENT USED TO PURGE WELL	N.D.B.		
TIME EVACUATION STARTED	1235	TIME EVACUATION COMPLETED	1238 1238
TIME SAMPLES WERE COLLECTED	1525		
DID WELL GO DRY	YES	AFTER HOW MANY GALLONS	1.5
VOLUME OF GROUNDWATER PURGED	1.5		
SAMPLING DEVICE	N.D.B.		
SAMPLE COLOR	LT CLAY	ODOR/SEDIMENT	SLIGHT H2 / SLIGHT

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1	68.0	7.11	625

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
MW-9	5	40 ml JOK	80603 + 0	✓

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME A.H.

JOB NUMBER 3984 DATE OF SAMPLING 12.5.07

WELL ID. MW-10 SAMPLER DA

TOTAL DEPTH OF WELL 247 WELL DIAMETER 2

DEPTH TO WATER PRIOR TO PURGING 10.64

PRODUCT THICKNESS 0

DEPTH OF WELL CASING IN WATER 1406

NUMBER OF GALLONS PER WELL CASING VOLUME 23

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 6.9

EQUIPMENT USED TO PURGE WELL N.D.B.

TIME EVACUATION STARTED 1530 TIME EVACUATION COMPLETED 1545

TIME SAMPLES WERE COLLECTED 1550

DID WELL GO DRY NO AFTER HOW MANY GALLONS —

VOLUME OF GROUNDWATER PURGED 7

SAMPLING DEVICE N.D.B.

SAMPLE COLOR SL. Y. BRN. ODOR/SEDIMENT none / slt.

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1	67.3	6.94	462
2	67.9	6.86	457
3	68.2	6.98	448

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
<u>MW-10</u>	<u>5</u>	<u>40 ml VOA</u>	<u>82608 + 0</u>	<input checked="" type="checkbox"/>



Aqua Science Engineers, Inc. 55 Oak Court, Suite 220, Danville, CA 94526
(925) 820-9391 - Fax (925) 837-4853 - www.aquascienceengineers.com

APPENDIX B

Certified Analytical Report
and
Chain of Custody Documentation



Report Number : 59999

Date : 12/14/2007

David Allen
Aqua Science Engineers, Inc.
55 Oak Court, Suite 220
Danville, CA 94526

Subject : 10 Water Samples
Project Name : ALBANY HILL (A.H.)
Project Number : 3934

Dear Mr. Allen,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed.

Kiff Analytical is certified by the State of California (# 2236). If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,



Joel Kiff



Subject : 10 Water Samples
Project Name : ALBANY HILL (A.H.)
Project Number : 3934

Case Narrative

Matrix Spike/Matrix Spike Duplicate Results associated with sample MW-3 for the analyte Tert-Butanol were affected by the analyte concentrations already present in the un-spiked sample.

Approved By: _____


Joe Kiff

Project Name : **ALBANY HILL (A.H.)**

Project Number : **3934**

Sample : **MW-1**

Matrix : Water

Lab Number : 59999-01

Sample Date :12/5/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	150	0.50	ug/L	EPA 8260B	12/12/2007
Toluene	37	0.50	ug/L	EPA 8260B	12/12/2007
Ethylbenzene	9.8	0.50	ug/L	EPA 8260B	12/12/2007
Total Xylenes	46	0.50	ug/L	EPA 8260B	12/12/2007
Methyl-t-butyl ether (MTBE)	100	0.50	ug/L	EPA 8260B	12/12/2007
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	12/12/2007
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	12/12/2007
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	12/12/2007
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	12/12/2007
TPH as Gasoline	560	50	ug/L	EPA 8260B	12/12/2007
Toluene - d8 (Surr)	99.0		% Recovery	EPA 8260B	12/12/2007
4-Bromofluorobenzene (Surr)	98.6		% Recovery	EPA 8260B	12/12/2007
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	12/12/2007
Octacosane (Diesel Silica Gel Surr)	103		% Recovery	M EPA 8015	12/12/2007

Approved By:

Joel Kiff

Project Name : **ALBANY HILL (A.H.)**

Project Number : **3934**

Sample : **MW-2**

Matrix : Water

Lab Number : 59999-02

Sample Date :12/5/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	12/13/2007
Toluene	< 0.50	0.50	ug/L	EPA 8260B	12/13/2007
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	12/13/2007
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	12/13/2007
Methyl-t-butyl ether (MTBE)	82	0.50	ug/L	EPA 8260B	12/13/2007
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	12/13/2007
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	12/13/2007
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	12/13/2007
Tert-Butanol	37	5.0	ug/L	EPA 8260B	12/13/2007
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	12/13/2007
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	12/13/2007
4-Bromofluorobenzene (Surr)	94.7		% Recovery	EPA 8260B	12/13/2007
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	12/12/2007
Octacosane (Diesel Silica Gel Surr)	102		% Recovery	M EPA 8015	12/12/2007

Approved By:

Joel Kiff

Project Name : **ALBANY HILL (A.H.)**

Project Number : **3934**


Sample : **MW-3**

Matrix : Water

Lab Number : 59999-03

Sample Date :12/5/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 1.5	1.5	ug/L	EPA 8260B	12/12/2007
Toluene	< 1.5	1.5	ug/L	EPA 8260B	12/12/2007
Ethylbenzene	< 1.5	1.5	ug/L	EPA 8260B	12/12/2007
Total Xylenes	< 1.5	1.5	ug/L	EPA 8260B	12/12/2007
Methyl-t-butyl ether (MTBE)	1200	2.0	ug/L	EPA 8260B	12/13/2007
Diisopropyl ether (DIPE)	< 1.5	1.5	ug/L	EPA 8260B	12/12/2007
Ethyl-t-butyl ether (ETBE)	< 1.5	1.5	ug/L	EPA 8260B	12/12/2007
Tert-amyl methyl ether (TAME)	5.1	1.5	ug/L	EPA 8260B	12/12/2007
Tert-Butanol	280	9.0	ug/L	EPA 8260B	12/13/2007
TPH as Gasoline	< 150	150	ug/L	EPA 8260B	12/12/2007
Toluene - d8 (Surr)	98.8		% Recovery	EPA 8260B	12/12/2007
4-Bromofluorobenzene (Surr)	98.9		% Recovery	EPA 8260B	12/12/2007
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	12/12/2007
Octacosane (Diesel Silica Gel Surr)	101		% Recovery	M EPA 8015	12/12/2007

Approved By:  Joel Kiff

Project Name : **ALBANY HILL (A.H.)**

Project Number : **3934**

Sample : **MW-4**

Matrix : Water

Lab Number : 59999-04

Sample Date :12/5/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	530	0.90	ug/L	EPA 8260B	12/13/2007
Toluene	3.4	0.90	ug/L	EPA 8260B	12/13/2007
Ethylbenzene	3.4	0.90	ug/L	EPA 8260B	12/13/2007
Total Xylenes	20	0.90	ug/L	EPA 8260B	12/13/2007
Methyl-t-butyl ether (MTBE)	32	0.90	ug/L	EPA 8260B	12/13/2007
Diisopropyl ether (DIPE)	0.98	0.90	ug/L	EPA 8260B	12/13/2007
Ethyl-t-butyl ether (ETBE)	< 0.90	0.90	ug/L	EPA 8260B	12/13/2007
Tert-amyl methyl ether (TAME)	< 0.90	0.90	ug/L	EPA 8260B	12/13/2007
Tert-Butanol	6.0	5.0	ug/L	EPA 8260B	12/13/2007
TPH as Gasoline	1300	90	ug/L	EPA 8260B	12/13/2007
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	12/13/2007
4-Bromofluorobenzene (Surr)	94.4		% Recovery	EPA 8260B	12/13/2007
TPH as Diesel (Silica Gel)	< 200	200	ug/L	M EPA 8015	12/13/2007
(Note: MRL increased due to interference from Gasoline-range hydrocarbons.)					
Octacosane (Diesel Silica Gel Surr)	120		% Recovery	M EPA 8015	12/13/2007

Approved By:

Joel Kiff

Project Name : **ALBANY HILL (A.H.)**

Project Number : **3934**

Sample : **MW-5R**

Matrix : Water

Lab Number : 59999-05

Sample Date :12/5/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	32	0.50	ug/L	EPA 8260B	12/12/2007
Toluene	1.3	0.50	ug/L	EPA 8260B	12/12/2007
Ethylbenzene	240	0.50	ug/L	EPA 8260B	12/12/2007
Total Xylenes	10	0.50	ug/L	EPA 8260B	12/12/2007
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	12/12/2007
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	12/12/2007
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	12/12/2007
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	12/12/2007
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	12/12/2007
TPH as Gasoline	4500	50	ug/L	EPA 8260B	12/12/2007
Toluene - d8 (Surr)	83.9		% Recovery	EPA 8260B	12/12/2007
4-Bromofluorobenzene (Surr)	98.5		% Recovery	EPA 8260B	12/12/2007
TPH as Diesel (Silica Gel)	< 800	800	ug/L	M EPA 8015	12/13/2007
(Note: MRL increased due to interference from Gasoline-range hydrocarbons.)					
Octacosane (Diesel Silica Gel Surr)	108		% Recovery	M EPA 8015	12/13/2007

Approved By:

Joel Kiff



Report Number : 59999

Date : 12/14/2007

Project Name : **ALBANY HILL (A.H.)**

Project Number : **3934**


Sample : **MW-6**

Matrix : Water

Lab Number : 59999-06

Sample Date :12/5/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	2.8	0.50	ug/L	EPA 8260B	12/14/2007
Toluene	< 0.50	0.50	ug/L	EPA 8260B	12/14/2007
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	12/14/2007
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	12/14/2007
Methyl-t-butyl ether (MTBE)	54	0.50	ug/L	EPA 8260B	12/14/2007
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	12/14/2007
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	12/14/2007
Tert-amyl methyl ether (TAME)	0.58	0.50	ug/L	EPA 8260B	12/14/2007
Tert-Butanol	20	5.0	ug/L	EPA 8260B	12/14/2007
TPH as Gasoline	870	50	ug/L	EPA 8260B	12/14/2007
Toluene - d8 (Surr)	99.7		% Recovery	EPA 8260B	12/14/2007
4-Bromofluorobenzene (Surr)	117		% Recovery	EPA 8260B	12/14/2007
TPH as Diesel (Silica Gel)	< 800	800	ug/L	M EPA 8015	12/13/2007
(Note: MRL increased due to interference from Gasoline-range hydrocarbons.)					
Octacosane (Diesel Silica Gel Surr)	112		% Recovery	M EPA 8015	12/13/2007

Approved By:  Joel Kiff

Project Name : **ALBANY HILL (A.H.)**

Project Number : **3934**

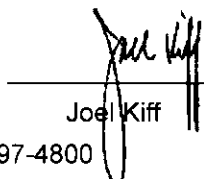
Sample : **MW-7**

Matrix : Water

Lab Number : 59999-07

Sample Date :12/5/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	7.2	0.50	ug/L	EPA 8260B	12/12/2007
Toluene	0.67	0.50	ug/L	EPA 8260B	12/12/2007
Ethylbenzene	3.0	0.50	ug/L	EPA 8260B	12/12/2007
Total Xylenes	18	0.50	ug/L	EPA 8260B	12/12/2007
Methyl-t-butyl ether (MTBE)	180	0.50	ug/L	EPA 8260B	12/12/2007
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	12/12/2007
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	12/12/2007
Tert-amyl methyl ether (TAME)	0.98	0.50	ug/L	EPA 8260B	12/12/2007
Tert-Butanol	150	5.0	ug/L	EPA 8260B	12/12/2007
TPH as Gasoline	140	50	ug/L	EPA 8260B	12/12/2007
Toluene - d8 (Surr)	99.9		% Recovery	EPA 8260B	12/12/2007
4-Bromofluorobenzene (Surr)	99.5		% Recovery	EPA 8260B	12/12/2007
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	12/13/2007
Octacosane (Diesel Silica Gel Surr)	98.5		% Recovery	M EPA 8015	12/13/2007

Approved By:  Joel Kiff

Project Name : **ALBANY HILL (A.H.)**

Project Number : **3934**


Sample : **MW-8**

Matrix : Water

Lab Number : 59999-08

Sample Date :12/5/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	9.2	0.50	ug/L	EPA 8260B	12/11/2007
Toluene	3.9	0.50	ug/L	EPA 8260B	12/11/2007
Ethylbenzene	36	0.50	ug/L	EPA 8260B	12/11/2007
Total Xylenes	310	0.50	ug/L	EPA 8260B	12/11/2007
Methyl-t-butyl ether (MTBE)	370	0.50	ug/L	EPA 8260B	12/11/2007
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	12/11/2007
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	12/11/2007
Tert-amyl methyl ether (TAME)	1.5	0.50	ug/L	EPA 8260B	12/11/2007
Tert-Butanol	210	5.0	ug/L	EPA 8260B	12/11/2007
TPH as Gasoline	1400	50	ug/L	EPA 8260B	12/11/2007
Toluene - d8 (Surr)	99.6		% Recovery	EPA 8260B	12/11/2007
4-Bromofluorobenzene (Surr)	97.7		% Recovery	EPA 8260B	12/11/2007
TPH as Diesel (Silica Gel)	< 300	300	ug/L	M EPA 8015	12/13/2007
(Note: MRL increased due to interference from Gasoline-range hydrocarbons.)					
Octacosane (Diesel Silica Gel Surr)	117		% Recovery	M EPA 8015	12/13/2007

Approved By:  Joel Kiff

Project Name : **ALBANY HILL (A.H.)**

Project Number : **3934**

Sample : **MW-9**

Matrix : Water

Lab Number : 59999-09

Sample Date :12/5/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	250	1.0	ug/L	EPA 8260B	12/14/2007
Toluene	84	1.0	ug/L	EPA 8260B	12/14/2007
Ethylbenzene	130	1.0	ug/L	EPA 8260B	12/14/2007
Total Xylenes	990	1.0	ug/L	EPA 8260B	12/14/2007
Methyl-t-butyl ether (MTBE)	< 1.0	1.0	ug/L	EPA 8260B	12/14/2007
Diisopropyl ether (DIPE)	< 1.0	1.0	ug/L	EPA 8260B	12/14/2007
Ethyl-t-butyl ether (ETBE)	< 1.0	1.0	ug/L	EPA 8260B	12/14/2007
Tert-amyl methyl ether (TAME)	< 1.0	1.0	ug/L	EPA 8260B	12/14/2007
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	12/14/2007
TPH as Gasoline	4100	100	ug/L	EPA 8260B	12/14/2007
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	12/14/2007
4-Bromofluorobenzene (Surr)	96.3		% Recovery	EPA 8260B	12/14/2007
TPH as Diesel (Silica Gel)	< 300	300	ug/L	M EPA 8015	12/11/2007
(Note: MRL increased due to interference from Gasoline-range hydrocarbons.)					
Octacosane (Diesel Silica Gel Surr)	104		% Recovery	M EPA 8015	12/11/2007

Approved By:

Joel Kiff

Project Name : **ALBANY HILL (A.H.)**

Project Number : **3934**


Sample : **MW-10**

Matrix : Water

Lab Number : 59999-10

Sample Date :12/5/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	1.2	0.50	ug/L	EPA 8260B	12/12/2007
Toluene	< 0.50	0.50	ug/L	EPA 8260B	12/12/2007
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	12/12/2007
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	12/12/2007
Methyl-t-butyl ether (MTBE)	99	0.50	ug/L	EPA 8260B	12/12/2007
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	12/12/2007
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	12/12/2007
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	12/12/2007
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	12/12/2007
TPH as Gasoline	310	50	ug/L	EPA 8260B	12/12/2007
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	12/12/2007
4-Bromofluorobenzene (Surr)	96.4		% Recovery	EPA 8260B	12/12/2007
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	12/12/2007
Octacosane (Diesel Silica Gel Surr)	98.9		% Recovery	M EPA 8015	12/12/2007

Approved By:  Joel Kiff

QC Report : Method Blank Data

Project Name : ALBANY HILL (A.H.)

Project Number : 3934

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	12/11/2007
Octacosane (Diesel Silica Gel Surr)	101		%	M EPA 8015	12/11/2007
Benzene	< 0.50	0.50	ug/L	EPA 8260B	12/11/2007
Toluene	< 0.50	0.50	ug/L	EPA 8260B	12/11/2007
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	12/11/2007
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	12/11/2007
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	12/11/2007
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	12/11/2007
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	12/11/2007
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	12/11/2007
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	12/11/2007
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	12/11/2007
Toluene - d8 (Surr)	99.1		%	EPA 8260B	12/11/2007
4-Bromofluorobenzene (Surr)	97.3		%	EPA 8260B	12/11/2007
Benzene	< 0.50	0.50	ug/L	EPA 8260B	12/14/2007
Toluene	< 0.50	0.50	ug/L	EPA 8260B	12/14/2007
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	12/14/2007
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	12/14/2007
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	12/14/2007
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	12/14/2007
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	12/14/2007
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	12/14/2007
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	12/14/2007
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	12/14/2007
Toluene - d8 (Surr)	97.5		%	EPA 8260B	12/14/2007
4-Bromofluorobenzene (Surr)	94.0		%	EPA 8260B	12/14/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	12/12/2007
Toluene	< 0.50	0.50	ug/L	EPA 8260B	12/12/2007
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	12/12/2007
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	12/12/2007
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	12/12/2007
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	12/12/2007
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	12/12/2007
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	12/12/2007
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	12/12/2007
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	12/12/2007
Toluene - d8 (Surr)	101		%	EPA 8260B	12/12/2007
4-Bromofluorobenzene (Surr)	94.7		%	EPA 8260B	12/12/2007
Benzene	< 0.50	0.50	ug/L	EPA 8260B	12/12/2007
Toluene	< 0.50	0.50	ug/L	EPA 8260B	12/12/2007
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	12/12/2007
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	12/12/2007
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	12/12/2007
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	12/12/2007
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	12/12/2007
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	12/12/2007
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	12/12/2007
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	12/12/2007
Toluene - d8 (Surr)	100		%	EPA 8260B	12/12/2007
4-Bromofluorobenzene (Surr)	96.4		%	EPA 8260B	12/12/2007

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

Report Number : 59999

Date : 12/14/2007

QC Report : Method Blank Data


Project Name : **ALBANY HILL (A.H.)**

Project Number : **3934**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	12/13/2007
Toluene	< 0.50	0.50	ug/L	EPA 8260B	12/13/2007
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	12/13/2007
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	12/13/2007
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	12/13/2007
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	12/13/2007
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	12/13/2007
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	12/13/2007
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	12/13/2007
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	12/13/2007
Toluene - d8 (Surr)	101		%	EPA 8260B	12/13/2007
4-Bromofluorobenzene (Surr)	93.9		%	EPA 8260B	12/13/2007

Benzene	< 0.50	0.50	ug/L	EPA 8260B	12/14/2007
Toluene	< 0.50	0.50	ug/L	EPA 8260B	12/14/2007
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	12/14/2007
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	12/14/2007
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	12/14/2007
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	12/14/2007
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	12/14/2007
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	12/14/2007
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	12/14/2007
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	12/14/2007
Toluene - d8 (Surr)	97.5		%	EPA 8260B	12/14/2007
4-Bromofluorobenzene (Surr)	117		%	EPA 8260B	12/14/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	12/13/2007
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	12/13/2007

Approved By:  Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : ALBANY HILL (A.H.)

Project Number : 3934

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
TPH-D (Si Gel)	Blank	<50	1000	1000	969	968	ug/L	M EPA 8015	12/11/07	96.9	96.8	0.0310	70-130	25
Benzene	59999-08	9.2	39.1	39.1	47.5	47.3	ug/L	EPA 8260B	12/11/07	97.7	97.3	0.389	70-130	25
Toluene	59999-08	3.9	39.1	39.1	42.4	41.9	ug/L	EPA 8260B	12/11/07	98.5	97.4	1.07	70-130	25
Tert-Butanol	59999-08	210	196	195	408	390	ug/L	EPA 8260B	12/11/07	103	93.7	9.61	70-130	25
Methyl-t-Butyl Ether	59999-08	370	39.1	39.1	401	397	ug/L	EPA 8260B	12/11/07	88.1	78.4	11.6	70-130	25
Benzene	60037-09	<0.50	40.0	40.0	41.0	40.4	ug/L	EPA 8260B	12/12/07	102	101	1.54	70-130	25
Toluene	60037-09	<0.50	40.0	40.0	40.7	40.1	ug/L	EPA 8260B	12/12/07	102	100	1.43	70-130	25
Tert-Butanol	60037-09	280	200	200	494	451	ug/L	EPA 8260B	12/12/07	104	82.9	22.8	70-130	25
Methyl-t-Butyl Ether	60037-09	3.3	40.0	40.0	41.8	42.7	ug/L	EPA 8260B	12/12/07	96.2	98.4	2.23	70-130	25
Benzene	60074-04	<0.50	40.0	40.0	41.3	39.8	ug/L	EPA 8260B	12/12/07	103	99.5	3.78	70-130	25
Toluene	60074-04	<0.50	40.0	40.0	40.5	39.0	ug/L	EPA 8260B	12/12/07	101	97.5	3.88	70-130	25
Tert-Butanol	60074-04	<5.0	200	200	196	199	ug/L	EPA 8260B	12/12/07	97.9	99.4	1.58	70-130	25
Methyl-t-Butyl Ether	60074-04	<0.50	40.0	40.0	39.8	38.5	ug/L	EPA 8260B	12/12/07	99.4	96.3	3.25	70-130	25
Benzene	60092-04	<0.50	40.0	40.0	40.6	39.9	ug/L	EPA 8260B	12/13/07	102	99.8	1.75	70-130	25
Toluene	60092-04	<0.50	40.0	40.0	39.5	39.1	ug/L	EPA 8260B	12/13/07	98.7	97.7	1.04	70-130	25
Tert-Butanol	60092-04	<5.0	200	200	198	180	ug/L	EPA 8260B	12/13/07	99.0	90.1	9.37	70-130	25
Methyl-t-Butyl Ether	60092-04	<0.50	40.0	40.0	37.7	38.7	ug/L	EPA 8260B	12/13/07	94.2	96.7	2.54	70-130	25

Approved By:  Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : ALBANY HILL (A.H.)

Project Number : 3934

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Benzene	60041-01	<0.50	40.0	40.0	40.5	40.2	ug/L	EPA 8260B	12/12/07	101	100	0.778	70-130	25
Toluene	60041-01	<0.50	40.0	40.0	40.7	40.3	ug/L	EPA 8260B	12/12/07	102	101	0.931	70-130	25
Tert-Butanol	60041-01	8200	200	200	8040	7890	ug/L	EPA 8260B	12/12/07	0.00	0.00	0.00	70-130	25
Methyl-t-Butyl Ether	60041-01	140	40.0	40.0	184	187	ug/L	EPA 8260B	12/12/07	108	114	5.38	70-130	25
Benzene	60071-02	<0.50	39.9	40.0	35.1	35.5	ug/L	EPA 8260B	12/14/07	87.9	88.8	0.992	70-130	25
Toluene	60071-02	<0.50	39.9	40.0	34.9	35.5	ug/L	EPA 8260B	12/14/07	87.5	88.8	1.42	70-130	25
Tert-Butanol	60071-02	<5.0	200	200	177	198	ug/L	EPA 8260B	12/14/07	88.9	99.0	10.7	70-130	25
Methyl-t-Butyl Ether	60071-02	3.0	39.9	40.0	38.9	39.0	ug/L	EPA 8260B	12/14/07	89.9	89.8	0.127	70-130	25
Benzene	60076-11	<0.50	40.0	40.0	36.6	36.2	ug/L	EPA 8260B	12/14/07	91.4	90.5	1.00	70-130	25
Toluene	60076-11	<0.50	40.0	40.0	38.4	38.2	ug/L	EPA 8260B	12/14/07	96.0	95.4	0.635	70-130	25
Tert-Butanol	60076-11	<5.0	200	200	193	191	ug/L	EPA 8260B	12/14/07	96.7	95.6	1.11	70-130	25
Methyl-t-Butyl Ether	60076-11	1.5	40.0	40.0	41.3	41.1	ug/L	EPA 8260B	12/14/07	99.5	99.1	0.374	70-130	25

Approved By:  Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

QC Report : Laboratory Control Sample (LCS)

Project Name : **ALBANY HILL (A.H.)**Project Number : **3934**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	40.0	ug/L	EPA 8260B	12/11/07	99.4	70-130
Toluene	40.0	ug/L	EPA 8260B	12/11/07	98.9	70-130
Tert-Butanol	200	ug/L	EPA 8260B	12/11/07	98.7	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	12/11/07	92.6	70-130
Benzene	40.0	ug/L	EPA 8260B	12/12/07	101	70-130
Toluene	40.0	ug/L	EPA 8260B	12/12/07	102	70-130
Tert-Butanol	200	ug/L	EPA 8260B	12/12/07	97.5	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	12/12/07	95.6	70-130
Benzene	40.0	ug/L	EPA 8260B	12/12/07	101	70-130
Toluene	40.0	ug/L	EPA 8260B	12/12/07	103	70-130
Tert-Butanol	200	ug/L	EPA 8260B	12/12/07	95.5	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	12/12/07	98.6	70-130
Benzene	40.0	ug/L	EPA 8260B	12/13/07	101	70-130
Toluene	40.0	ug/L	EPA 8260B	12/13/07	104	70-130
Tert-Butanol	200	ug/L	EPA 8260B	12/13/07	94.6	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	12/13/07	95.8	70-130
Benzene	40.0	ug/L	EPA 8260B	12/12/07	102	70-130

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

Approved By:



 Joe Kiff

QC Report : Laboratory Control Sample (LCS)Project Name : **ALBANY HILL (A.H.)**Project Number : **3934**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Toluene	40.0	ug/L	EPA 8260B	12/12/07	102	70-130
Tert-Butanol	200	ug/L	EPA 8260B	12/12/07	103	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	12/12/07	103	70-130
Benzene	40.0	ug/L	EPA 8260B	12/14/07	86.8	70-130
Toluene	40.0	ug/L	EPA 8260B	12/14/07	86.4	70-130
Tert-Butanol	200	ug/L	EPA 8260B	12/14/07	85.9	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	12/14/07	89.2	70-130
Benzene	40.0	ug/L	EPA 8260B	12/14/07	92.7	70-130
Toluene	40.0	ug/L	EPA 8260B	12/14/07	96.6	70-130
Tert-Butanol	200	ug/L	EPA 8260B	12/14/07	96.2	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	12/14/07	98.4	70-130

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

Approved By:



 Joe Kiff

Aqua Science Engineers, Inc.
 208 W. El Pintado Road
 Danville, CA 94526
 (925) 820-9391
 FAX (925) 837-4853

Chain of Custody 59999

PAGE 1 of 1

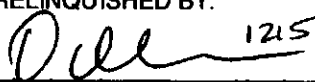
SAMPLER (SIGNATURE)


PROJECT NAME ALBANY HILL (A.H.) JOB NO. 3934
 ADDRESS 800 SAN PABLO AVE. ALBANY, CA

ANALYSIS REQUEST

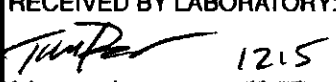
SPECIAL INSTRUCTIONS
 Temp °C 1.6 Therm. ID# IR-5
 Initial TJB Date 12/07/07
 Time 1545 Coolant present Yes No

SAMPLE ID.	DATE	TIME	MATRIX	QUANTITY	TPH-GAS / MTBE & BTEX (EPA 5030/8015-8020)	TPH-DIESEL (EPA 3510/8015) <i>W/SILICA GEL CLEANUP</i>	TPH-DIESEL & MOTOR OIL (EPA 3510/8015)	CAM 17 METALS (EPA 6010+7000)	SEMI-VOLATILE ORGANICS (EPA 625/8270)	Pb (TOTAL or DISSOLVED) (EPA 6010)	PESTICIDES (EPA 8081)	FUEL OXYGENATES (EPA 8260)	PURGEABLE HALOCARBONS (EPA 601/8010)	TPH-G/BTEX/5 OXYS (EPA METHOD 8260)	MULTI-RANGE HYDROCARBONS WITH SILICA GEL CLEANUP (EPA 6015)	VOLATILE ORGANICS (EPA 624/8240/8260)	LUFT METALS (5) (EPA 6010+7000)	COMPOSITE 4:1	EDF			
					MW-1	12/5/07	1005	W	5		X								X			
MW-2	}	1040	}	}		X								Y					X	02		
MW-3		1115						X								Y					X	03
MW-4		1140						X								X					X	04
MW-5R		1225						X								X					X	05
MW-6		1345						X								X					X	06
MW-7		1420						X								X					X	07
MW-8		1455						X								X					X	08
MW-9		1525						X								X					Y	09
MW-10		1550						X								X					X	10

RELINQUISHED BY:
 1215
 (signature) (time)
 D. Allen 12.5.07
 (printed name) (date)
 Company-ASE, INC.

RECEIVED BY:
 (signature) (time)
 (printed name) (date)
 Company-

RELINQUISHED BY:
 (signature) (time)
 (printed name) (date)
 Company-

RECEIVED BY LABORATORY:
 1215
 (signature) (time)
 Timothy Boomer 12/07/07
 (printed name) (date)
 Company- Kiff Analytical

COMMENTS:

TURN AROUND TIME
 STANDARD 24Hr 48Hr 72Hr
 OTHER: