



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

December 30, 2009

Alameda County

JAN 05 2010

Environmental Health

SEMI-ANNUAL GROUNDWATER MONITORING REPORT
DECEMBER 2009 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
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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 2009 semi-annual 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.



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2.0 GROUNDWATER FLOW DIRECTION AND GRADIENT

On December 3, 2009, 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 general groundwater flow direction is to the east, west and north. The groundwater flow direction at the site varies significantly from quarter to quarter, and is likely being effected by the ozone-sparging taking place at the site.

3.0 GROUNDWATER SAMPLE COLLECTION AND ANALYSIS

On December 3, 2009, 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. The parameters pH, temperature and electrical conductivity were monitored during the well purging, and samples were not collected until these parameters stabilized. Monitoring well MW-9 went dry prior to completion of the purging of three well casing volumes and was allowed to recover for two hours prior to sampling. 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 Analytical 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

- The TPH-G concentration in groundwater samples collected from monitoring well MW-1 increased slightly from last June's results; however, the BTEX and MTBE concentrations are at or near historic low concentrations.
- No TPH-G, TPH-D, BTEX or oxygenates were detected in groundwater samples collected from monitoring well MW-2. This is the fourth consecutive sampling event that no hydrocarbons or oxygenates were detected in this well.



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- No TPH-G, TPH-D, BTEX or oxygenates were detected in groundwater samples collected from monitoring well MW-3 during this sampling event. This was the first time since the initial well sampling in August 1999 that all compounds were non-detectable, and the second consecutive sampling that all compound concentrations were below ESLs.
- Hydrocarbon concentrations detected in groundwater samples collected from monitoring well MW-4 were very similar to the June 2009 results, with slight increases in TPH-G, benzene and toluene concentrations and a slight decrease in the ethylbenzene concentration.
- There was a significant decrease in TPH-G and BTEX concentrations in groundwater samples collected from monitoring well MW-5R since the June 2009 sampling event. The current concentrations are more similar to those detected since early 2008. The MTBE concentration this quarter increased very slightly from the previous sampling event.
- There was a slight increase in TPH-G concentrations in groundwater samples collected from monitoring well MW-6 from the previous sampling event and a slight decrease in TBA and MTBE concentrations during this same period. All hydrocarbon and oxygenate concentrations other than TPH-G are now below ESLs.
- No hydrocarbons or oxygenate concentrations were detected in groundwater samples collected from monitoring wells MW-7 and MW-8 this quarter.
- Hydrocarbon concentrations detected in groundwater samples collected from monitoring well MW-9 increased slightly from the June 2009 results.
- Hydrocarbon concentrations in groundwater samples collected from monitoring well MW-10 increased significantly from the June 2009 results, and are now more similar to typical results since August 2007.

Concentrations exceeding Environmental Screening Levels¹ (ESLs):

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 May 2008.



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- In MW-1, benzene and MTBE concentrations exceeded ESLs.
- In MW-2, no concentrations exceeded ESLs.
- In MW-3, no concentrations exceeded ESLs.
- In MW-4, TPH-G, benzene and MTBE concentrations exceeded ESLs.
- In MW-5R, the MTBE concentration exceeded the ESL.
- In MW-6, the TPH-G concentration exceeded the ESL.
- In MW-7, no concentrations exceeded ESLs.
- In MW-8, no concentrations exceeded ESLs.
- In MW-9, TPH-G and BTEX concentrations exceeded ESLs.
- In MW-10, TPH-G, benzene, and ethylbenzene concentrations exceeded ESLs.

5.0 RECOMMENDATIONS

ASE recommends continued groundwater monitoring on a semi-annual basis. The next groundwater sampling is scheduled for June 2009. ASE also recommends the continued operation of the ozone-sparging groundwater remediation system through the year 2010.

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.



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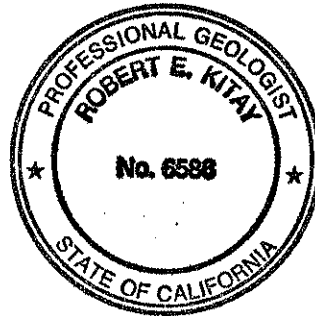
Aqua Science Engineers appreciates the opportunity to provide environmental consulting services for this project, and trust that this report meets your needs. Please feel free to call us at (925) 820-9391 if you have any questions or comments.

Respectfully submitted,

AQUA SCIENCE ENGINEERS, INC.

A handwritten signature in black ink that reads "Robert E. Kitay".

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
RWQCB via Geotracker

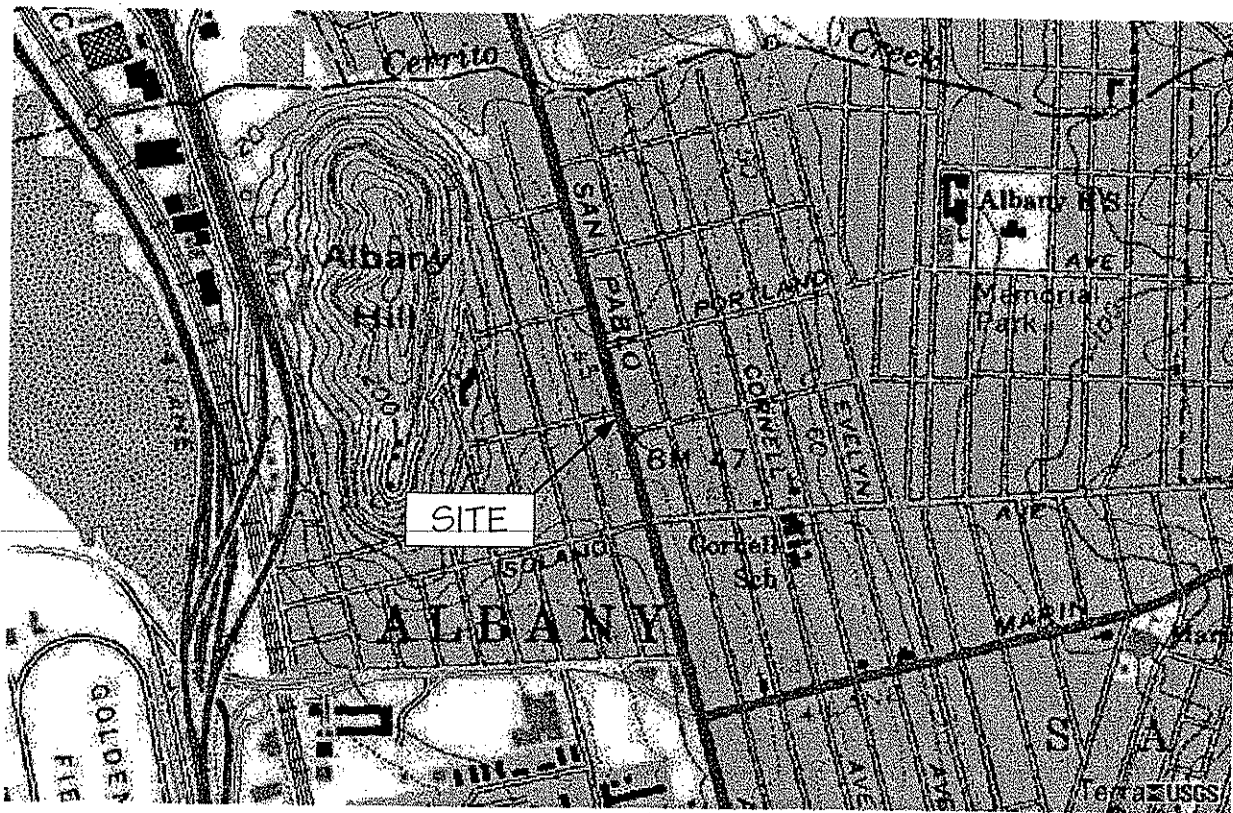


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FIGURES



NORTH



LOCATION MAP

ALBANY HILL MINI MART
800 SAN PABLO AVENUE
ALBANY, CALIFORNIA

AQUA SCIENCE ENGINEERS, INC.

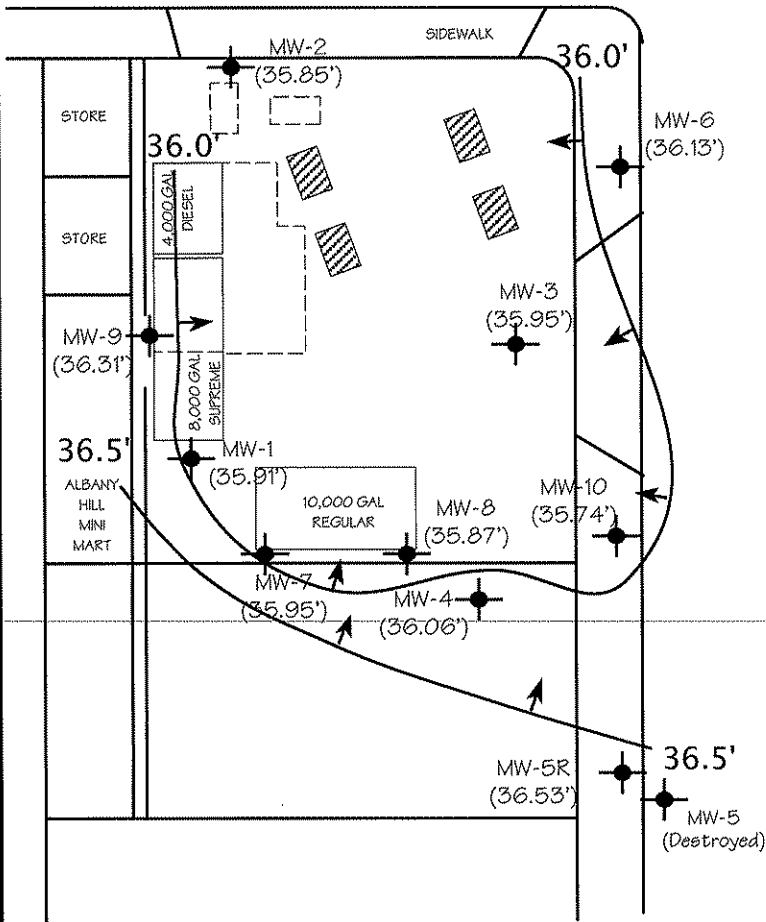
Figure 1



NORTH

SCALE: 1" = 20'

WASHINGTON AVENUE



LEGEND

- MW-9 (36.31') 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 3, 2009

ALBANY HILL MINI MART
800 SAN PABLO AVENUE
ALBANY, CALIFORNIA

AQUA SCIENCE ENGINEERS

Figure 2



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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
	2/25/08		9.68	39.14
	5/20/08		12.17	36.65
	8/22/08	13.06	35.76	
	12/10/08	13.17	35.65	
	3/20/09	10.09	38.73	
	6/4/09	11.89	36.93	
12/3/09	12.91	35.91		
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
	2/25/08		8.93	38.78
	5/20/08		11.78	35.93
	8/22/08	12.21	35.50	
	12/10/08	11.35	36.36	
	3/20/09	9.26	38.45	
	6/4/09	11.09	36.62	
12/3/09	11.86	35.85		

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 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	
	2/25/08	8.33	39.16	
	5/20/08	10.83	36.66	
	8/22/08	11.74	35.75	
	12/10/08	11.93	35.56	
	3/20/09	8.46	39.03	
	6/4/09	10.97	36.52	
12/3/09	11.54	35.95		
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	
	2/25/08	8.75	38.86	
	5/20/08	11.07	36.54	
	8/22/08	11.82	35.79	
	12/10/08	12.05	35.56	
3/20/09	9.05	38.56		
6/4/09	10.68	36.93		
12/3/09	11.55	36.06		

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
	2/25/08		8.64	38.72
	5/20/08		10.18	37.18
	8/22/08		11.08	36.28
	12/10/08		11.32	36.04
	3/20/09		8.46	38.90
	6/4/09		10.35	37.01
12/3/09		10.83	36.53	
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
	2/25/08		6.77	39.50
	5/20/08		9.49	36.78
	8/22/08		10.49	35.78
12/10/08		10.62	35.65	
3/20/09		7.65	38.62	
6/4/09		9.36	36.91	
12/3/09		10.14	36.13	

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-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	
	8/13/07		12.09	36.27	
	12/15/07		12.18	36.18	
	2/25/08		Bubbling	---	
	5/20/08			11.70	36.66
	8/22/08			12.66	35.70
	12/10/08			12.80	35.56
	3/20/09			Bubbling	---
	6/4/09			11.55	36.81
12/3/09			12.41	35.95	
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	
	2/25/08		8.82	39.17	
	5/20/08		11.38	36.61	
	8/22/08		12.26	35.73	
	12/10/08		12.49	35.50	
	3/20/09		9.19	38.80	
	6/4/09		11.29	36.70	
12/3/09		12.12	35.87		

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-9	2/14/03	46.86	10.84	36.02
	9/10/04		12.97	33.89
	12/17/04		12.84	34.02
	4/18/05		9.75	37.11
	6/20/05		10.83	36.03
	10/17/05		12.59	34.27
	12/17/05	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
	12/5/07		12.96	36.28
	2/25/08		10.71	38.53
	5/20/08		12.15	37.09
	8/22/08		13.18	36.06
	12/10/08		13.32	35.92
	3/20/09		11.39	37.85
6/4/09	11.82		37.42	
12/13/09	12.93	36.31		
MW-10	10/17/05	not sampled 46.90	10.52	
	12/17/05			
	3/6/06		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
	2/25/08		8.03	38.87
	5/20/08		10.58	36.32
	8/22/08		11.48	35.42
	12/10/08		11.68	35.22
	3/20/09		8.83	38.07
	6/4/09		10.00	36.90
12/13/09	11.16	35.74		

Notes:

Data prior to September 10, 2004, including survey data, is based on tables compiled by AARS.

* 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	Ethylbenzene	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*	990	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	44	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	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	1,600	<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
	2/25/08	1,000	100	340	11	14	23	<0.50	11	170	<0.50
	5/20/08	740	<50	220	3.2	7.5	6.9	<0.50	23	170	0.68 DIPE
	8/22/08	190	<50	52	1.2	7.3	4.6	<0.50	11	160	0.60 DIPE
	12/10/08	98	<50	18	<0.50	3.2	0.89	<0.50	<5.0	74	<0.50
	3/20/09	61	<50	1.8	<0.50	<0.50	<0.50	<0.50	<5.0	65	<0.50
	6/4/09	<50	<50	5.5	<0.50	0.63	<0.50	<0.50	<5.0	71	<0.50
12/3/09	75	<50	2.8	<0.50	<0.50	<0.50	<0.50	<5.0	30	<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	1.6	<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	840	<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	360	<0.90
	12/7/05	<90	110	1.5	<0.90	<0.90	<0.90	<0.90	<5.0	500	<0.90
	3/6/06	<90	88	7.0	<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
2/25/08	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	10	<0.50	
5/20/08	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	0.71	<0.50	
8/22/08	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	0.71	<0.50	
12/10/08	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	
3/20/09	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	
6/4/09	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	
12/3/09	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<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	Benzens	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	--	--	6,610	--
	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	2.0	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
	2/25/08	<200	<50	<2.0	<2.0	<2.0	<2.0	5.0	13	1,300	<2.0
	5/20/08	<50	<50	2.5	<0.50	<0.50	<0.50	<0.50	6.7	200	0.54 DIPE
	8/22/08	<50	<50	1.5	<0.50	<0.50	<0.50	0.64	6.9	380	<0.50
	12/10/08	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	7.2	<0.50
	3/20/09	<50	<50	0.61	<0.50	<0.50	<0.50	<0.50	7.7	14	<0.50
6/14/09	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	4.0	<0.50	
12/3/09	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	
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	<12	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
	2/25/08	800	<50	180	6.0	15	35	<0.50	30	44	0.76 DIPE
	5/20/08	560	<50	130	3.6	5.7	14	<0.50	21	34	0.85 DIPE
	8/22/08	110	<50	7.3	<0.50	<0.50	0.79	<0.50	12	28	1.0 DIPE
	12/10/08	190	<50	38	0.53	2.7	1.8	<0.50	6.6	20	0.76 DIPE
	3/20/09	88	<50	8.7	<0.50	1.1	3.6	<0.50	<5.0	14	0.73 DIPE
	6/14/09	160	<50	28	<0.50	1.5	1.9	<0.50	<5.0	12	0.72 DIPE
12/3/09	280	<50	46	0.61	0.93	1.9	<0.50	<5.0	12	0.65 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	Ethyl-benzene	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	
	2/25/08	6,000	<600	41	1.7	310	13	<0.50	5.6	<0.50	<0.50	
	5/20/08	220	<50	2.4	<0.50	<0.50	<0.50	<0.50	<5.0	37	<0.50	
	8/22/08	91	<50	<0.50	<0.50	<0.50	<0.50	0.57	<5.0	100	<0.50	
	12/10/08	140	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	41	<0.50	
	3/20/09	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	8.8	<0.50	
	6/4/09	4,300	<800	35	2.2	130	5.7	<0.50	<5.0	6.9	<0.50	
	12/3/09	55	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	13	<0.50	
MW-6	6/13/02	2,980	1,460*	31	2.3	3.8	12	--	--	310	--	
	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	
	2/25/08	1,400	<500	16	0.73	<0.50	9.6	<0.50	19	77	<0.50	
	5/20/08	1,600	<200	42	2.0	<0.50	1.1	0.72	59	58	<0.50	
8/22/08	520	<300	3.2	<0.50	<0.50	<0.50	0.62	47	70	<0.50		
12/10/08	1,000	<6,000	0.53	<0.50	<0.50	<0.50	<0.50	24	21	<0.50		
3/20/09	700	<500	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	2.9	<0.50		
6/4/09	160	<1,500	<0.50	<0.50	<0.50	<0.50	<0.50	10	18	<0.50		
12/3/09	750	<1,500	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	4.4	<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 Gasolins	TPH Diesel	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TAME	TBA	MTBE	Other VOCs	
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	8.0J	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 D1PE	
	12/5/07	140	<50	7.2	0.67	3.0	18	0.98	150	180	<0.50	
	2/25/08	<50	<50	0.98	<0.50	0.69	2.4	<0.50	<5.0	100	<0.50	
	5/20/08	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	1.3	<0.50	
	8/22/08	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	
	12/10/08	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	
	3/20/09	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	
	6/4/09	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	
	12/3/09	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	
	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	
2/25/08		<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	130	<0.50	
5/20/08		<50	<50	<0.50	<0.50	<0.50	1.5	<0.50	<5.0	6.1	<0.50	
8/22/08		<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	
12/10/08		<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	
3/20/09		<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	
6/4/09		<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	
12/3/09		<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<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	Ethylbenzene	Total Xylenes	TAME	TBA	MTBE	Other VOCs
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	620	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
	2/25/08	2,600	<300	250	20	120	290	<0.50	<5.0	<0.50	<0.50
	5/20/08	3,000	<200	320	39	170	390	<0.50	<5.0	0.51	<0.50
	8/22/08	3,700	<600	220	68	190	610	<0.50	<5.0	0.72	<0.50
12/10/08	4,100	<300	240	80	250	840	<0.50	<5.0	<0.50	<0.50	
3/20/09	1,800	<200	170	22	81	250	<0.50	<5.0	<0.50	<0.50	
6/14/09	2,600	<200	260	35	110	410	<0.50	<5.0	<0.50	<0.50	
12/3/09	5,200	<300	260	63	320	970	<0.50	<5.0	<0.50	<0.50	
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	0.83	<5.0	180	<0.50
	8/3/07	5,000	<1,000	67	2.3	410	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
	2/25/08	240	240	5.3	<0.50	<0.50	<0.50	<0.50	9.3	57	<0.50
	5/20/08	3,400	<500	23	1.2	120	5.9	<0.50	<5.0	<0.50	<0.50
	8/22/08	1,900	<500	22	0.89	3.8	2.1	<0.50	5.1	<0.50	<0.50
	12/10/08	3,500	<500	40	2.0	190	7.8	<0.50	<5.0	<0.50	<0.50
	3/20/09	4,100	<600	40	1.7	150	5.8	<0.50	5.9	<0.50	<0.50
6/14/09	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	34	<0.50	<0.50	
12/3/09	4,500	<800	36	2.5	140	4.3	<0.50	<5.0	<0.50	<0.50	
ESL		100	100	10	40	30	20	NE	12	5.0	Varies

Notes:

Data prior to August 2004 is based on a table compiled by AARS - ABE 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, Inc. 55 Oak Court, Suite 220, Danville, CA 94526
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APPENDIX B

Certified Analytical Report
and
Chain of Custody Documentation



Report Number : 71095

Date : 12/15/2009

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,

A handwritten signature in black ink, appearing to read "Joel Kiff".

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 QC batch V-120709-W-11 for sample MW-9 for the analyte Methyl-t-butyl ether were outside of control limits, indicating a possible bias for this analyte. The only reported analyte for sample MW-9 that is associated with the Methyl-t-butyl ether spike is 'TPH as Gasoline'. The reported value for Methyl-t-butyl ether for sample MW-9 is from a different QC batch.

A version of this report was previously issued on 12/09/09. This revised version replaces that report.

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

Project Number : **3934**

Sample : **MW-1**

Matrix : Water

Lab Number : 71095-01

Sample Date :12/03/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	2.8	0.50	ug/L	EPA 8260B	12/07/2009
Toluene	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Methyl-t-butyl ether (MTBE)	30	0.50	ug/L	EPA 8260B	12/07/2009
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	12/07/2009
TPH as Gasoline	75	50	ug/L	EPA 8260B	12/07/2009
1,2-Dichloroethane-d4 (Surr)	100		% Recovery	EPA 8260B	12/07/2009
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	12/07/2009
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	12/07/2009
Octacosane (Silica Gel Surr)	85.3		% Recovery	M EPA 8015	12/07/2009

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

Project Number : **3934**

Sample : **MW-2**

Matrix : Water

Lab Number : 71095-02

Sample Date : 12/03/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Toluene	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	12/07/2009
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	12/07/2009
1,2-Dichloroethane-d4 (Surr)	99.9		% Recovery	EPA 8260B	12/07/2009
Toluene - d8 (Surr)	97.7		% Recovery	EPA 8260B	12/07/2009
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	12/07/2009
Octacosane (Silica Gel Surr)	76.7		% Recovery	M EPA 8015	12/07/2009

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

Project Number : **3934**

Sample : **MW-3**

Matrix : Water

Lab Number : 71095-03

Sample Date :12/03/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Toluene	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	12/07/2009
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	12/07/2009
1,2-Dichloroethane-d4 (Surr)	102		% Recovery	EPA 8260B	12/07/2009
Toluene - d8 (Surr)	98.9		% Recovery	EPA 8260B	12/07/2009
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	12/07/2009
Octacosane (Silica Gel Surr)	76.2		% Recovery	M EPA 8015	12/07/2009

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME ALBANY HILL MINI MART

JOB NUMBER 3134 DATE OF SAMPLING 12.03.09

WELL ID. MW-1 SAMPLER DA

TOTAL DEPTH OF WELL 24.2 WELL DIAMETER 2

DEPTH TO WATER PRIOR TO PURGING 12.91

PRODUCT THICKNESS 0

DEPTH OF WELL CASING IN WATER 11.29

NUMBER OF GALLONS PER WELL CASING VOLUME 1.8

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 5.40

EQUIPMENT USED TO PURGE WELL NEW DISPOSABLE BAILER

TIME EVACUATION STARTED 1122 TIME EVACUATION COMPLETED 1131

TIME SAMPLES WERE COLLECTED 1132

DID WELL GO DRY NO AFTER HOW MANY GALLONS -

VOLUME OF GROUNDWATER PURGED 5.5

SAMPLING DEVICE NEW DISPOSABLE BAILER

SAMPLE COLOR LT BRN ODOR/SEDIMENT NO / SL

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	pH	CONDUCTIVITY
1	65.1	6.87	1208
2	64.9	6.85	
3	64.8	6.85	1173

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
MW-1	5	40 ml VOA	TPH-D 882603	✓

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME ALBANY HILL MINI MART

JOB NUMBER 3134 DATE OF SAMPLING 12-03-09

WELL ID. MW-2 SAMPLER DA

TOTAL DEPTH OF WELL 24.8 WELL DIAMETER 2

DEPTH TO WATER PRIOR TO PURGING 11.86

PRODUCT THICKNESS 0

DEPTH OF WELL CASING IN WATER 12.94

NUMBER OF GALLONS PER WELL CASING VOLUME 2.07

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 6.2

EQUIPMENT USED TO PURGE WELL NEW DISPOSABLE BAILER

TIME EVACUATION STARTED 1140 TIME EVACUATION COMPLETED 1152

TIME SAMPLES WERE COLLECTED 1155

DID WELL GO DRY NO AFTER HOW MANY GALLONS -

VOLUME OF GROUNDWATER PURGED 6.2

SAMPLING DEVICE NEW DISPOSABLE BAILER

SAMPLE COLOR LT BROW ODOR/SEDIMENT NO / SL

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1	67.0	6.84	651
2	67.1	6.85	640
3	67.1	6.85	639

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
MW-2	5	40 ml VOA	TPH-D 882603	✓

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME ALBANY HILL MINI MART

JOB NUMBER 3134 DATE OF SAMPLING 12-03-09

WELL ID. MW-3 SAMPLER DA

TOTAL DEPTH OF WELL 23.8 WELL DIAMETER 2

DEPTH TO WATER PRIOR TO PURGING 11.54

PRODUCT THICKNESS 0

DEPTH OF WELL CASING IN WATER 12.26

NUMBER OF GALLONS PER WELL CASING VOLUME 1.96

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 5.9

EQUIPMENT USED TO PURGE WELL NEW DISPOSABLE BAILER

TIME EVACUATION STARTED 1200 TIME EVACUATION COMPLETED 1211

TIME SAMPLES WERE COLLECTED 1213

DID WELL GO DRY NO AFTER HOW MANY GALLONS —

VOLUME OF GROUNDWATER PURGED 6

SAMPLING DEVICE NEW DISPOSABLE BAILER

SAMPLE COLOR LT BRN ODOR/SEDIMENT NO/SL

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	pH	CONDUCTIVITY
1	67.4	6.84	1041
2	67.9	6.85	
3	68.0	6.85	1057

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
MW-3	5	40 ml VOA	TPH-D 882603	✓

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME ALBANY HILL MINI MART

JOB NUMBER 3134 DATE OF SAMPLING 12-03-09

WELL ID. MW-4 SAMPLER DA

TOTAL DEPTH OF WELL 24.5 WELL DIAMETER 2

DEPTH TO WATER PRIOR TO PURGING 11.55

PRODUCT THICKNESS 0

DEPTH OF WELL CASING IN WATER 12.95

NUMBER OF GALLONS PER WELL CASING VOLUME 2.07

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 6.2

EQUIPMENT USED TO PURGE WELL NEW DISPOSABLE BAILER

TIME EVACUATION STARTED 1106 TIME EVACUATION COMPLETED 1115

TIME SAMPLES WERE COLLECTED 1117

DID WELL GO DRY NO AFTER HOW MANY GALLONS —

VOLUME OF GROUNDWATER PURGED 6.2

SAMPLING DEVICE NEW DISPOSABLE BAILER

SAMPLE COLOR LT BRN ODOR/SEDIMENT SLHC / SL

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	pH	CONDUCTIVITY
1	65.4	6.91	2101
2	65.2	6.86	2050
3	65.1	6.85	2042

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
MW-4	5	40 mL VOA	TPH-D 282603	✓

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME ALBANY HILL MINI MART

JOB NUMBER 3934 DATE OF SAMPLING 12-03-09

WELL ID. MW-5R SAMPLER DA

TOTAL DEPTH OF WELL 19.58 WELL DIAMETER 2

DEPTH TO WATER PRIOR TO PURGING 10.83

PRODUCT THICKNESS 0

DEPTH OF WELL CASING IN WATER 8.75

NUMBER OF GALLONS PER WELL CASING VOLUME 1.4

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 4.2

EQUIPMENT USED TO PURGE WELL NEW DISPOSABLE BAILER

TIME EVACUATION STARTED 1220 TIME EVACUATION COMPLETED 1230

TIME SAMPLES WERE COLLECTED 1232

DID WELL GO DRY NO AFTER HOW MANY GALLONS -

VOLUME OF GROUNDWATER PURGED 4.2

SAMPLING DEVICE NEW DISPOSABLE BAILER

SAMPLE COLOR LT BRN ODOR/SEDIMENT SLHC/SL

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1	67.1	6.80	1164
2	67.2	6.84	1115
3	67.2	6.85	1104

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
MW-5R	5	40 ml VOA	TPH-D 282603	✓

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME ALBANY HILL MINI MART

JOB NUMBER 3134

DATE OF SAMPLING 12-03-09

WELL ID. MW-6

SAMPLER DA

TOTAL DEPTH OF WELL 24.7

WELL DIAMETER 2

DEPTH TO WATER PRIOR TO PURGING 10.14

PRODUCT THICKNESS 0

DEPTH OF WELL CASING IN WATER 14.56

NUMBER OF GALLONS PER WELL CASING VOLUME 2.3

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 7

EQUIPMENT USED TO PURGE WELL NEW DISPOSABLE BAILER

TIME EVACUATION STARTED 1300

TIME EVACUATION COMPLETED 1312

TIME SAMPLES WERE COLLECTED 1314

DID WELL GO DRY NO

AFTER HOW MANY GALLONS -

VOLUME OF GROUNDWATER PURGED 7

SAMPLING DEVICE NEW DISPOSABLE BAILER

SAMPLE COLOR MUD BKN

ODOR/SEDIMENT MUD HC / MUD

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	pH	CONDUCTIVITY
1	67.4	6.80	899
2	67.9	6.85	896
3	67.7	6.85	893

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
MW-6	5	40 ml VOA	TPH-D 282603	✓

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME ALBANY HILL MINI MART

JOB NUMBER 3134 DATE OF SAMPLING 12-03-09

WELL ID. MW-7 SAMPLER DA

TOTAL DEPTH OF WELL 24.7 WELL DIAMETER 2

DEPTH TO WATER PRIOR TO PURGING VOIDED 12.41

PRODUCT THICKNESS 0

DEPTH OF WELL CASING IN WATER VOIDED 12.29

NUMBER OF GALLONS PER WELL CASING VOLUME VOIDED 1.96

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 6

EQUIPMENT USED TO PURGE WELL NEW DISPOSABLE BAILER

TIME EVACUATION STARTED 1320 TIME EVACUATION COMPLETED 1331

TIME SAMPLES WERE COLLECTED 1332

DID WELL GO DRY NO AFTER HOW MANY GALLONS —

VOLUME OF GROUNDWATER PURGED 6

SAMPLING DEVICE NEW DISPOSABLE BAILER

SAMPLE COLOR LT BRN ODOR/SEDIMENT NO / NSP

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	pH	CONDUCTIVITY
1	64.2	6.85	997
2	64.5	6.85	989
3	64.6	6.85	985

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
MW-7	5	40 ml VOA	TPH-D 282603	✓

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME ALBANY HILL MINI MART

JOB NUMBER 3134 DATE OF SAMPLING 12-03-09

WELL ID. MW-8 SAMPLER DA

TOTAL DEPTH OF WELL 19.1 WELL DIAMETER 2

DEPTH TO WATER PRIOR TO PURGING 12.12

PRODUCT THICKNESS 0

DEPTH OF WELL CASING IN WATER 6.98

NUMBER OF GALLONS PER WELL CASING VOLUME 1.11

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 3.5

EQUIPMENT USED TO PURGE WELL NEW DISPOSABLE BAILER

TIME EVACUATION STARTED 1339 TIME EVACUATION COMPLETED 1345

TIME SAMPLES WERE COLLECTED 1346

DID WELL GO DRY NO AFTER HOW MANY GALLONS -

VOLUME OF GROUNDWATER PURGED 3.5

SAMPLING DEVICE NEW DISPOSABLE BAILER

SAMPLE COLOR MED BRN ODOR/SEDIMENT NO / SL

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1	64.3	6.88	859
2	64.4	6.88	847
3	64.4	6.88	844

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
MW-8	5	40 ml VOA	TPH-D 282603	✓

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME ALBANY HILL MINI MART

JOB NUMBER 313+ DATE OF SAMPLING 12-03-09

WELL ID. MW-9 SAMPLER DA

TOTAL DEPTH OF WELL 16.8 WELL DIAMETER 2

DEPTH TO WATER PRIOR TO PURGING 12.93

PRODUCT THICKNESS 0

DEPTH OF WELL CASING IN WATER 3.87

NUMBER OF GALLONS PER WELL CASING VOLUME 0.62

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 1.9

EQUIPMENT USED TO PURGE WELL NEW DISPOSABLE BAILER

TIME EVACUATION STARTED 1055 TIME EVACUATION COMPLETED 1103

TIME SAMPLES WERE COLLECTED 1355

DID WELL GO DRY YES AFTER HOW MANY GALLONS 1

VOLUME OF GROUNDWATER PURGED 1

SAMPLING DEVICE NEW DISPOSABLE BAILER

SAMPLE COLOR LT GRAY ODOR/SEDIMENT NO ODOR / NO SD

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	pH	CONDUCTIVITY
<u>1</u>	<u>64.9</u>	<u>7.20</u>	<u>865</u>

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
<u>MW-9</u>	<u>5</u>	<u>40 ml VOA</u>	<u>TPH-D 282603</u>	<u>✓</u>

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME ALBANY HILL MINI MART

JOB NUMBER 3134 DATE OF SAMPLING 12-03-09

WELL ID. MW-10 SAMPLER DA

TOTAL DEPTH OF WELL 24.7 WELL DIAMETER 2

DEPTH TO WATER PRIOR TO PURGING 11.16

PRODUCT THICKNESS 0

DEPTH OF WELL CASING IN WATER 13.54

NUMBER OF GALLONS PER WELL CASING VOLUME 2.16

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 6.5

EQUIPMENT USED TO PURGE WELL NEW DISPOSABLE BAILER

TIME EVACUATION STARTED 1402 TIME EVACUATION COMPLETED 1415

TIME SAMPLES WERE COLLECTED 1417

DID WELL GO DRY NO AFTER HOW MANY GALLONS —

VOLUME OF GROUNDWATER PURGED 6.5

SAMPLING DEVICE NEW DISPOSABLE BAILER

SAMPLE COLOR LT GRAY ODOR/SEDIMENT SLHC/SL

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1	66.1	6.85	821
2	66.0	6.85	816
3	66.0	6.85	812

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
MW-10	5	40 ml VOA	TPH-D 882603	✓

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

Project Number : **3934**

Sample : **MW-4**

Matrix : Water

Lab Number : 71095-04

Sample Date :12/03/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	46	0.50	ug/L	EPA 8260B	12/07/2009
Toluene	0.61	0.50	ug/L	EPA 8260B	12/07/2009
Ethylbenzene	0.93	0.50	ug/L	EPA 8260B	12/07/2009
Total Xylenes	1.9	0.50	ug/L	EPA 8260B	12/07/2009
Methyl-t-butyl ether (MTBE)	12	0.50	ug/L	EPA 8260B	12/07/2009
Diisopropyl ether (DIPE)	0.65	0.50	ug/L	EPA 8260B	12/07/2009
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	12/07/2009
TPH as Gasoline	280	50	ug/L	EPA 8260B	12/07/2009
1,2-Dichloroethane-d4 (Surr)	98.7		% Recovery	EPA 8260B	12/07/2009
Toluene - d8 (Surr)	99.8		% Recovery	EPA 8260B	12/07/2009
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	12/07/2009
Octacosane (Silica Gel Surr)	98.6		% Recovery	M EPA 8015	12/07/2009

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

Project Number : **3934**

Sample : **MW-5R**

Matrix : Water

Lab Number : 71095-05

Sample Date : 12/03/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Toluene	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Methyl-t-butyl ether (MTBE)	13	0.50	ug/L	EPA 8260B	12/07/2009
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	12/07/2009
TPH as Gasoline	55	50	ug/L	EPA 8260B	12/07/2009
(Note: Primarily compounds not found in typical Gasoline)					
1,2-Dichloroethane-d4 (Surr)	102		% Recovery	EPA 8260B	12/07/2009
Toluene - d8 (Surr)	99.8		% Recovery	EPA 8260B	12/07/2009
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	12/07/2009
Octacosane (Silica Gel Surr)	95.5		% Recovery	M EPA 8015	12/07/2009

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

Project Number : **3934**

Sample : **MW-6**

Matrix : Water

Lab Number : 71095-06

Sample Date :12/03/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Toluene	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Methyl-t-butyl ether (MTBE)	4.4	0.50	ug/L	EPA 8260B	12/07/2009
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	12/07/2009
TPH as Gasoline	750	50	ug/L	EPA 8260B	12/07/2009
1,2-Dichloroethane-d4 (Surr)	96.7		% Recovery	EPA 8260B	12/07/2009
Toluene -d8 (Surr)	99.8		% Recovery	EPA 8260B	12/07/2009
TPH as Diesel (Silica Gel)	< 1500	1500	ug/L	M EPA 8015	12/07/2009
(Note: MRL increased due to interference from Gasoline-range hydrocarbons.)					
Octacosane (Silica Gel Surr)	83.9		% Recovery	M EPA 8015	12/07/2009

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

Project Number : **3934**

Sample : **MW-7**

Matrix : Water

Lab Number : 71095-07

Sample Date :12/03/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Toluene	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	12/07/2009
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	12/07/2009
1,2-Dichloroethane-d4 (Surr)	102		% Recovery	EPA 8260B	12/07/2009
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	12/07/2009
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	12/07/2009
Octacosane (Silica Gel Surr)	98.9		% Recovery	M EPA 8015	12/07/2009

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

Project Number : **3934**

Sample : **MW-8**

Matrix : Water

Lab Number : 71095-08

Sample Date :12/03/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Toluene	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	12/07/2009
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	12/07/2009
1,2-Dichloroethane-d4 (Surr)	102		% Recovery	EPA 8260B	12/07/2009
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	12/07/2009
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	12/07/2009
Octacosane (Silica Gel Surr)	96.5		% Recovery	M EPA 8015	12/07/2009

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

Project Number : **3934**

Sample : **MW-9**

Matrix : Water

Lab Number : 71095-09

Sample Date :12/03/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	260	0.50	ug/L	EPA 8260B	12/07/2009
Toluene	63	0.50	ug/L	EPA 8260B	12/07/2009
Ethylbenzene	320	0.50	ug/L	EPA 8260B	12/07/2009
Total Xylenes	970	2.5	ug/L	EPA 8260B	12/08/2009
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	12/07/2009
TPH as Gasoline	5200	250	ug/L	EPA 8260B	12/08/2009
1,2-Dichloroethane-d4 (Surr)	97.0		% Recovery	EPA 8260B	12/07/2009
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	12/07/2009
TPH as Diesel (Silica Gel)	< 300	300	ug/L	M EPA 8015	12/07/2009
(Note: MRL increased due to interference from Gasoline-range hydrocarbons.)					
Octacosane (Silica Gel Surr)	93.0		% Recovery	M EPA 8015	12/07/2009

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

Project Number : **3934**

Sample : **MW-10**

Matrix : Water

Lab Number : 71095-10

Sample Date :12/03/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	36	0.50	ug/L	EPA 8260B	12/07/2009
Toluene	2.5	0.50	ug/L	EPA 8260B	12/07/2009
Ethylbenzene	140	0.50	ug/L	EPA 8260B	12/07/2009
Total Xylenes	4.3	0.50	ug/L	EPA 8260B	12/08/2009
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	12/07/2009
TPH as Gasoline	4500	50	ug/L	EPA 8260B	12/07/2009
1,2-Dichloroethane-d4 (Surr)	87.8		% Recovery	EPA 8260B	12/07/2009
Toluene - d8 (Surr)	94.5		% Recovery	EPA 8260B	12/07/2009
TPH as Diesel (Silica Gel)	< 800	800	ug/L	M EPA 8015	12/07/2009
(Note: MRL increased due to interference from Gasoline-range hydrocarbons.)					
Octacosane (Silica Gel Surr)	97.7		% Recovery	M EPA 8015	12/07/2009

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	12/07/2009
Octacosane (Silica Gel Surr)	97.9		%	M EPA 8015	12/07/2009
Benzene	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Toluene	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	12/07/2009
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	12/07/2009
1,2-Dichloroethane-d4 (Surr)	99.2		%	EPA 8260B	12/07/2009
Toluene - d8 (Surr)	100		%	EPA 8260B	12/07/2009
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	12/07/2009
Benzene	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Toluene	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	12/07/2009
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	12/07/2009
1,2-Dichloroethane-d4 (Surr)	101		%	EPA 8260B	12/07/2009
Toluene - d8 (Surr)	102		%	EPA 8260B	12/07/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Toluene	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	12/07/2009
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	12/07/2009
1,2-Dichloroethane-d4 (Surr)	98.5		%	EPA 8260B	12/07/2009
Toluene - d8 (Surr)	100		%	EPA 8260B	12/07/2009
Benzene	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Toluene	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	12/07/2009
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	12/07/2009
1,2-Dichloroethane-d4 (Surr)	100		%	EPA 8260B	12/07/2009
Toluene - d8 (Surr)	96.5		%	EPA 8260B	12/07/2009

Report Number : 71095

Date : 12/15/2009

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	12/07/2009
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Toluene	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	12/07/2009
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	12/07/2009
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	12/07/2009
1,2-Dichloroethane-d4 (Surr)	101		%	EPA 8260B	12/07/2009
Toluene - d8 (Surr)	101		%	EPA 8260B	12/07/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
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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	875	826	ug/L	M EPA 8015	12/7/09	87.5	82.6	5.76	70-130	25
Benzene	71108-02	<0.50	40.5	40.0	36.8	36.6	ug/L	EPA 8260B	12/7/09	90.9	91.5	0.599	80-120	25
Ethylbenzene	71108-02	<0.50	40.2	39.8	39.1	38.5	ug/L	EPA 8260B	12/7/09	97.1	96.7	0.359	80-120	25
Methyl-t-butyl ether	71108-02	15	40.6	40.1	45.4	48.0	ug/L	EPA 8260B	12/7/09	75.7	83.2	9.34	69.7-121	25
P + M Xylene	71108-02	<0.50	39.2	38.7	39.0	38.4	ug/L	EPA 8260B	12/7/09	99.6	99.3	0.336	76.8-120	25
Tert-Butanol	71108-02	8.8	201	199	193	190	ug/L	EPA 8260B	12/7/09	91.7	91.2	0.513	80-120	25
Toluene	71108-02	<0.50	40.2	39.8	38.0	37.2	ug/L	EPA 8260B	12/7/09	94.3	93.5	0.916	80-120	25
Methyl-t-butyl ether	71095-10	<0.50	40.2	40.5	27.4	27.6	ug/L	EPA 8260B	12/8/09	68.2	68.2	0.0381	69.7-121	25
P + M Xylene	71095-10	4.3	38.8	39.1	42.6	42.1	ug/L	EPA 8260B	12/8/09	98.7	96.6	2.08	76.8-120	25

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	71108-04	<0.50	40.6	40.6	41.1	37.4	ug/L	EPA 8260B	12/7/09	101	92.2	9.45	80-120	25
Ethylbenzene	71108-04	<0.50	40.3	40.3	43.5	39.8	ug/L	EPA 8260B	12/7/09	108	98.7	8.88	80-120	25
Methyl-t-butyl ether	71108-04	0.61	40.6	40.6	42.0	39.1	ug/L	EPA 8260B	12/7/09	102	94.8	7.23	69.7-121	25
P + M Xylene	71108-04	<0.50	39.2	39.2	43.4	39.8	ug/L	EPA 8260B	12/7/09	110	102	8.53	76.8-120	25
Tert-Butanol	71108-04	<5.0	202	202	199	182	ug/L	EPA 8260B	12/7/09	98.6	90.4	8.64	80-120	25
Toluene	71108-04	<0.50	40.3	40.3	42.5	38.8	ug/L	EPA 8260B	12/7/09	105	96.1	9.10	80-120	25
Benzene	71103-07	<0.50	40.6	40.6	41.4	40.0	ug/L	EPA 8260B	12/7/09	102	98.7	3.40	80-120	25
Ethylbenzene	71103-07	<0.50	40.3	40.3	43.0	41.4	ug/L	EPA 8260B	12/7/09	107	103	3.80	80-120	25
Methyl-t-butyl ether	71103-07	<0.50	40.6	40.6	46.5	46.2	ug/L	EPA 8260B	12/7/09	114	114	0.698	69.7-121	25

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
P + M Xylene	71103-07	<0.50	39.2	39.2	43.9	42.1	ug/L	EPA 8260B	12/7/09	112	107	4.07	76.8-120	25
Tert-Butanol	71103-07	<5.0	202	202	204	203	ug/L	EPA 8260B	12/7/09	101	101	0.633	80-120	25
Toluene	71103-07	<0.50	40.3	40.3	43.8	42.7	ug/L	EPA 8260B	12/7/09	109	106	2.59	80-120	25
Benzene	71108-05	<0.50	40.6	40.6	44.0	43.1	ug/L	EPA 8260B	12/7/09	108	106	1.95	80-120	25
Ethylbenzene	71108-05	<0.50	40.3	40.3	45.0	44.0	ug/L	EPA 8260B	12/7/09	112	109	2.15	80-120	25
Methyl-t-butyl ether	71108-05	16	40.6	40.6	58.8	57.9	ug/L	EPA 8260B	12/7/09	106	104	1.93	69.7-121	25
P + M Xylene	71108-05	<0.50	39.2	39.2	45.5	44.8	ug/L	EPA 8260B	12/7/09	116	114	1.43	76.8-120	25
Tert-Butanol	71108-05	<5.0	202	202	217	214	ug/L	EPA 8260B	12/7/09	108	106	1.56	80-120	25
Toluene	71108-05	<0.50	40.3	40.3	44.4	42.8	ug/L	EPA 8260B	12/7/09	110	106	3.49	80-120	25

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	71097-01	<0.50	40.6	40.6	41.7	41.1	ug/L	EPA 8260B	12/7/09	103	101	1.50	80-120	25
Ethylbenzene	71097-01	<0.50	40.3	40.3	41.9	42.2	ug/L	EPA 8260B	12/7/09	104	104	0.618	80-120	25
Methyl-t-butyl ether	71097-01	<0.50	40.6	40.6	41.8	41.3	ug/L	EPA 8260B	12/7/09	103	102	1.18	69.7-121	25
P + M Xylene	71097-01	<0.50	39.2	39.2	41.6	41.8	ug/L	EPA 8260B	12/7/09	106	106	0.562	76.8-120	25
Tert-Butanol	71097-01	<5.0	202	202	210	208	ug/L	EPA 8260B	12/7/09	104	103	1.12	80-120	25
Toluene	71097-01	<0.50	40.3	40.3	41.8	41.3	ug/L	EPA 8260B	12/7/09	104	102	1.28	80-120	25
Diisopropyl ether	71108-02	<0.50	39.8	39.3	34.6	34.4	ug/L	EPA 8260B	12/7/09	86.8	87.3	0.580	80-120	25
Ethyl-tert-butyl ether	71108-02	<0.50	40.2	39.7	33.9	35.0	ug/L	EPA 8260B	12/7/09	84.3	88.0	4.37	76.5-120	25
O-Xylene	71108-02	<0.50	40.3	39.8	39.1	38.6	ug/L	EPA 8260B	12/7/09	97.0	96.9	0.136	79.7-120	25

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
Tert-amyl-methyl ether	71108-02	<0.50	40.2	39.7	34.7	35.3	ug/L	EPA 8260B	12/7/09	86.4	88.8	2.70	78.9-120	25
Diisopropyl ether	71108-04	<0.50	39.9	39.9	41.7	38.5	ug/L	EPA 8260B	12/7/09	105	96.4	8.18	80-120	25
Ethyl-tert-butyl ether	71108-04	<0.50	40.3	40.3	41.6	38.2	ug/L	EPA 8260B	12/7/09	103	94.8	8.40	76.5-120	25
O-Xylene	71108-04	<0.50	40.4	40.4	43.5	40.2	ug/L	EPA 8260B	12/7/09	108	99.5	7.76	79.7-120	25
Tert-amyl-methyl ether	71108-04	<0.50	40.3	40.3	40.2	37.0	ug/L	EPA 8260B	12/7/09	99.8	91.9	8.25	78.9-120	25
Diisopropyl ether	71103-07	<0.50	39.9	39.9	46.0	45.6	ug/L	EPA 8260B	12/7/09	115	114	1.01	80-120	25
Ethyl-tert-butyl ether	71103-07	<0.50	40.3	40.3	46.6	44.5	ug/L	EPA 8260B	12/7/09	116	110	4.48	76.5-120	25
O-Xylene	71103-07	<0.50	40.4	40.4	43.3	42.1	ug/L	EPA 8260B	12/7/09	107	104	2.77	79.7-120	25
Tert-amyl-methyl ether	71103-07	<0.50	40.3	40.3	44.3	43.1	ug/L	EPA 8260B	12/7/09	110	107	2.62	78.9-120	25

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 Recov. Limit	Relative Percent Diff. Limit
Diisopropyl ether	71108-05	<0.50	39.9	39.9	45.0	44.1	ug/L	EPA 8260B	12/7/09	113	110	2.02	80-120	25
Ethyl-tert-butyl ether	71108-05	<0.50	40.3	40.3	43.4	42.6	ug/L	EPA 8260B	12/7/09	108	106	1.81	76.5-120	25
O-Xylene	71108-05	<0.50	40.4	40.4	45.8	45.5	ug/L	EPA 8260B	12/7/09	113	113	0.522	79.7-120	25
Tert-amyl-methyl ether	71108-05	<0.50	40.3	40.3	42.1	42.0	ug/L	EPA 8260B	12/7/09	104	104	0.146	78.9-120	25
Diisopropyl ether	71097-01	<0.50	39.9	39.9	43.5	42.9	ug/L	EPA 8260B	12/7/09	109	107	1.42	80-120	25
Ethyl-tert-butyl ether	71097-01	<0.50	40.3	40.3	41.4	41.4	ug/L	EPA 8260B	12/7/09	103	103	0.260	76.5-120	25
O-Xylene	71097-01	<0.50	40.4	40.4	41.6	41.6	ug/L	EPA 8260B	12/7/09	103	103	0.0749	79.7-120	25
Tert-amyl-methyl ether	71097-01	<0.50	40.3	40.3	41.5	41.5	ug/L	EPA 8260B	12/7/09	103	103	0.00518	78.9-120	25

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	40.6	ug/L	EPA 8260B	12/7/09	90.8	80-120
Ethylbenzene	40.3	ug/L	EPA 8260B	12/7/09	96.1	80-120
Methyl-t-butyl ether	40.6	ug/L	EPA 8260B	12/7/09	78.8	69.7-121
P + M Xylene	39.2	ug/L	EPA 8260B	12/7/09	98.5	76.8-120
Tert-Butanol	202	ug/L	EPA 8260B	12/7/09	89.7	80-120
Toluene	40.3	ug/L	EPA 8260B	12/7/09	93.4	80-120
Diisopropyl ether	39.9	ug/L	EPA 8260B	12/7/09	86.8	80-120
Ethyl-tert-butyl ether	40.3	ug/L	EPA 8260B	12/7/09	88.1	76.5-120
O-Xylene	40.4	ug/L	EPA 8260B	12/7/09	96.1	79.7-120
Tert-amyl-methyl ether	40.3	ug/L	EPA 8260B	12/7/09	87.1	78.9-120
Methyl-t-butyl ether	40.6	ug/L	EPA 8260B	12/7/09	74.6	69.7-121
P + M Xylene	39.2	ug/L	EPA 8260B	12/7/09	101	76.8-120
Benzene	39.8	ug/L	EPA 8260B	12/7/09	97.4	80-120
Ethylbenzene	39.8	ug/L	EPA 8260B	12/7/09	101	80-120
Methyl-t-butyl ether	40.4	ug/L	EPA 8260B	12/7/09	94.0	69.7-121
P + M Xylene	79.6	ug/L	EPA 8260B	12/7/09	101	76.8-120
TPH as Gasoline	511	ug/L	EPA 8260B	12/7/09	98.0	80-120
Toluene	39.8	ug/L	EPA 8260B	12/7/09	98.4	80-120
Diisopropyl ether	39.7	ug/L	EPA 8260B	12/7/09	99.4	80-120
Ethyl-tert-butyl ether	40.1	ug/L	EPA 8260B	12/7/09	96.9	76.5-120

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
Tert-Butanol	201	ug/L	EPA 8260B	12/7/09	95.6	80-120
Tert-amyl-methyl ether	40.1	ug/L	EPA 8260B	12/7/09	96.1	78.9-120
Benzene	40.5	ug/L	EPA 8260B	12/7/09	102	80-120
Ethylbenzene	40.2	ug/L	EPA 8260B	12/7/09	105	80-120
Methyl-t-butyl ether	40.5	ug/L	EPA 8260B	12/7/09	116	69.7-121
P + M Xylene	39.1	ug/L	EPA 8260B	12/7/09	111	76.8-120
TPH as Gasoline	510	ug/L	EPA 8260B	12/7/09	94.3	80-120
Toluene	40.2	ug/L	EPA 8260B	12/7/09	109	80-120
Diisopropyl ether	39.8	ug/L	EPA 8260B	12/7/09	113	80-120
Ethyl-tert-butyl ether	40.2	ug/L	EPA 8260B	12/7/09	112	76.5-120
Tert-Butanol	201	ug/L	EPA 8260B	12/7/09	102	80-120
Tert-amyl-methyl ether	40.2	ug/L	EPA 8260B	12/7/09	111	78.9-120
Benzene	39.9	ug/L	EPA 8260B	12/7/09	108	80-120
Ethylbenzene	39.9	ug/L	EPA 8260B	12/7/09	107	80-120
Methyl-t-butyl ether	40.5	ug/L	EPA 8260B	12/7/09	108	69.7-121
P + M Xylene	79.8	ug/L	EPA 8260B	12/7/09	108	76.8-120
TPH as Gasoline	510	ug/L	EPA 8260B	12/7/09	104	80-120
Toluene	39.9	ug/L	EPA 8260B	12/7/09	106	80-120
Diisopropyl ether	39.8	ug/L	EPA 8260B	12/7/09	111	80-120
Ethyl-tert-butyl ether	40.2	ug/L	EPA 8260B	12/7/09	111	76.5-120
Tert-Butanol	201	ug/L	EPA 8260B	12/7/09	104	80-120

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
Tert-amyl-methyl ether	40.2	ug/L	EPA 8260B	12/7/09	108	78.9-120
Benzene	40.3	ug/L	EPA 8260B	12/7/09	101	80-120
Ethylbenzene	40.0	ug/L	EPA 8260B	12/7/09	103	80-120
Methyl-t-butyl ether	40.4	ug/L	EPA 8260B	12/7/09	98.5	69.7-121
P + M Xylene	39.0	ug/L	EPA 8260B	12/7/09	104	76.8-120
TPH as Gasoline	509	ug/L	EPA 8260B	12/7/09	103	80-120
Toluene	40.0	ug/L	EPA 8260B	12/7/09	101	80-120
Diisopropyl ether	39.6	ug/L	EPA 8260B	12/7/09	106	80-120
Ethyl-tert-butyl ether	40.0	ug/L	EPA 8260B	12/7/09	102	76.5-120
Tert-Butanol	200	ug/L	EPA 8260B	12/7/09	102	80-120
Tert-amyl-methyl ether	40.0	ug/L	EPA 8260B	12/7/09	102	78.9-120

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

Chain of Custody

PAGE 1 of 1

SAMPLER (SIGNATURE)

David Allen

PROJECT NAME ALBANY HILL (A.H.)

JOB NO. 3939

ADDRESS 800 SAN PABLO AVE, ALBANY, CA

ANALYSIS REQUEST

SPECIAL INSTRUCTIONS:

SAMPLE ID.	DATE	TIME	MATRIX	QUANTITY	TPH-GAS / MTBE & BTEX (EPA 8210/8015) <i>8210 DS</i>	TPH-DIESEL (EPA 8210/8015) <i>8210 DS</i>	TPH-DIESEL & MOTOR OIL (EPA 8210/8015)	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 OXYGS (EPA METHOD 8260)	MULT-RANGE HYDROCARBONS WITH SILICA GEL CLEANUP (EPA 8015)	VOLATILE ORGANICS (EPA 624/8240/8260)	LUFT METALS (5) (EPA 6010+7000)	COMPOSITE 4:1	EDP		
MW-1	12/2/09	1132	W	5	X	X														X	01
MW-2		1155			X	X														X	02
MW-3		1213			X	X														X	03
MW-4		1117			X	X														X	04
MW-5R		1232			X	X														X	05
MW-6		1314			X	X														X	06
MW-7		1332			X	X														X	07
MW-8		1346			X	X														X	08
MW-9		1355			X	X														X	09
MW-10		1417			X	X														X	10

RELINQUISHED BY:

David Allen
 (signature) (time)

DAVID ALLEN
 (printed name) (date)

Company-ASE, INC.

RECEIVED BY:

[Signature]
 (signature) (time)

(printed name) (date)

Company-

RELINQUISHED BY:

[Signature]
 (signature) (time)

(printed name) (date)

Company-

RECEIVED BY LABORATORY:

[Signature] 1143
 (signature) (time)

Timothy Brewer 12/2/09
 (printed name) (date)

Company-*Jeff Analytical LLC*

COMMENTS:

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

SAMPLE RECEIPT CHECKLIST

RECEIVER

TJB
Initials

SRG#: 71095 Date: 120409

Project ID: Albany Hill (A.H.)

Method of Receipt: Courier Over-the-counter Shipper

COC Inspection

Is COC present? Yes No
 Custody seals on shipping container? Intact Broken Not present N/A
 Is COC Signed by Relinquisher? Yes No Dated? Yes No
 Is sampler name legibly indicated on COC? Yes No
 Is analysis or hold requested for all samples Yes No
 Is the turnaround time indicated on COC? Yes No
 Is COC free of whiteout and uninitialed cross-outs? Yes No, Whiteout No, Cross-outs

Sample Inspection

Coolant Present: Yes No (includes water)
 Temperature °C 2.2 Therm. ID# 12-5 Initial 2A Date/Time 120409/2147 N/A
 Are there custody seals on sample containers? Intact Broken Not present
 Do containers match COC? Yes No No, COC lists absent sample(s) No, Extra sample(s) present
 Are there samples matrices other than soil, water, air or carbon? Yes No
 Are any sample containers broken, leaking or damaged? Yes No
 Are preservatives indicated? Yes, on sample containers Yes, on COC Not indicated N/A
 Are preservatives correct for analyses requested? Yes No N/A
 Are samples within holding time for analyses requested? Yes No
 Are the correct sample containers used for the analyses requested? Yes No
 Is there sufficient sample to perform testing? Yes No
 Does any sample contain product, have strong odor or are otherwise suspected to be hot? Yes No
 Receipt Details
 Matrix WA Container type VQA # of containers received 50
 Matrix _____ Container type _____ # of containers received _____
 Matrix _____ Container type _____ # of containers received _____
 Date and Time Sample Put into Temp Storage Date: 120409 Time: 2147

Quicklog

Are the Sample ID's indicated: On COC On sample container(s) On Both Not indicated
 If Sample ID's are listed on both COC and containers, do they all match? Yes No N/A
 Is the Project ID indicated: On COC On sample container(s) On Both Not indicated
 If project ID is listed on both COC and containers, do they all match? Yes No N/A
 Are the sample collection dates indicated: On COC On sample container(s) On Both Not indicated
 If collection dates are listed on both COC and containers, do they all match? Yes No N/A
 Are the sample collection times indicated: On COC On sample container(s) On Both Not indicated
 If collection times are listed on both COC and containers, do they all match? Yes No N/A

COMMENTS: One VQA for sample -10 received unlabeled - client
advised me to keep these VQAs together and not to use
unless necessary - SR will make it VQA 5 of 5. TJB 120409
Sample 06 VQA 5 of 5 has bubble present and ~~not~~ 120409 1156
1155