Alameda County Health Care Services Agency

1131 Harbor Bay Pkwy, Suite 250

Alameda, CA 94502

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By Alameda County Environmental Health at 2:42 pm, May 06, 2013

Subject: RO#0000262

Albany Hill Mini Mart

800 San Pablo Avenue

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

April 28, 2013

SEMI-ANNUAL GROUNDWATER MONITORING REPORT
MARCH 2013 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
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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
c/o: Jasminder & Sonia Sikand
1066 Rock Harbor Point
Haercules, CA 94547

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: Mark Detterman
(510) 567-6876

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 March 2013 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 responsible party.

2.0 GROUNDWATER FLOW DIRECTION AND GRADIENT

On March 30, 2013, 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 toward the east and northeast. 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 March 30, 2013, 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 were 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. Analysis for total petroleum hydrocarbons as diesel (TPH-D) by EPA Method 8015M was discontinued as agreed upon by the Alameda County Health Care Services Agency. 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

- In groundwater samples collected from monitoring well MW-1, MTBE was detected at 13 ppb. Overall, there has been a decreasing trend of hydrocarbon concentrations in this well.

- No TPH-G, BTEX or oxygenates were detected in groundwater samples collected from monitoring well MW-2. This is the tenth consecutive sampling event that no hydrocarbons or oxygenates were detected in this well.

- No TPH-G, BTEX or oxygenates were detected in groundwater samples collected from monitoring well MW-3. This is the fifth time in the last 6 sampling events that no hydrocarbons or oxygenates were detected in groundwater samples from this well.

- Groundwater samples collected from monitoring well MW-4 contained 86 ppb TPH-G, 7.3 ppb benzene, 8.1 ppb MTBE, and 0.55 ppb DIPE. Hydrocarbon concentrations in this well continue to show a long-term decreasing trend in hydrocarbon and oxygenate concentrations, and these concentrations represent historic lows.

- Groundwater samples collected from monitoring well MW-5R contained 2,200 ppb TPH-G, 5.7 ppb benzene, 0.85 ppb toluene, 4.2 ppb ethylbenzene, and 0.62 ppb total xylenes. These results in general show a slight decrease from the previous several sampling events. No oxygenates were detected.

- No TPH-G, BTEX or oxygenates were detected in groundwater samples collected from monitoring well MW-6 during this sampling period. There has been a long term decreasing trend in hydrocarbon concentrations from this well, and this is the first sampling period where no hydrocarbons at all were detected.

- No TPH-G, BTEX or oxygenates were detected in groundwater samples collected from monitoring well MW-7. This is the ninth time in the last eleven sampling events that no hydrocarbons or oxygenates were detected in groundwater samples collected from this well.

- No hydrocarbons or oxygenates were detected in groundwater samples collected from monitoring well MW-8 this quarter. This is the eleventh consecutive sampling event that no hydrocarbons were detected in groundwater samples collected from this well.

- Groundwater samples collected from monitoring well MW-9 contained 3,400 ppb TPH-G, 46 ppb benzene, 8.2 ppb toluene, 130 ppb ethyl benzene, and 500 ppb total xylenes. These results show a decrease in hydrocarbon concentrations from the previous sampling event. There appears to be a long term decreasing trend in hydrocarbon concentrations in this well, and the benzene and toluene concentrations are at historic lows.

- The only compound detected in groundwater samples collected from monitoring well MW-10 during this sampling period was 0.67 ppb MTBE. This is a slight decrease from the previous sampling event.

Concentrations exceeding Environmental Screening Levels[1] (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.

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

TPH-G, benzene and MTBE isoconcentration maps are presented as Figures 3, 4, and 5, respectively.

5.0 RECOMMENDATIONS

ASE recommends conducting the work proposed in ASE's April 15, 2013 "Workplan for a Soil and Soil Vapor Assessment."

In addition, for future groundwater sampling events at the site, ASE recommends the following:

- Due to recent and consistent low to non-detectable concentrations, ASE recommends removing monitoring wells MW-2, MW-3, MW-7, MW-8, and MW-10 from the groundwater monitoring program.

ASE also recommends the continued operation of the ozone-sparging groundwater remediation system.

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.

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

Attachments: Figures 1 through 5
Tables One and Two
Appendices A and B

cc: Mr. Mark Detterman, ACHCSA via upload to ACHCSA database
RWQCB via Geotracker

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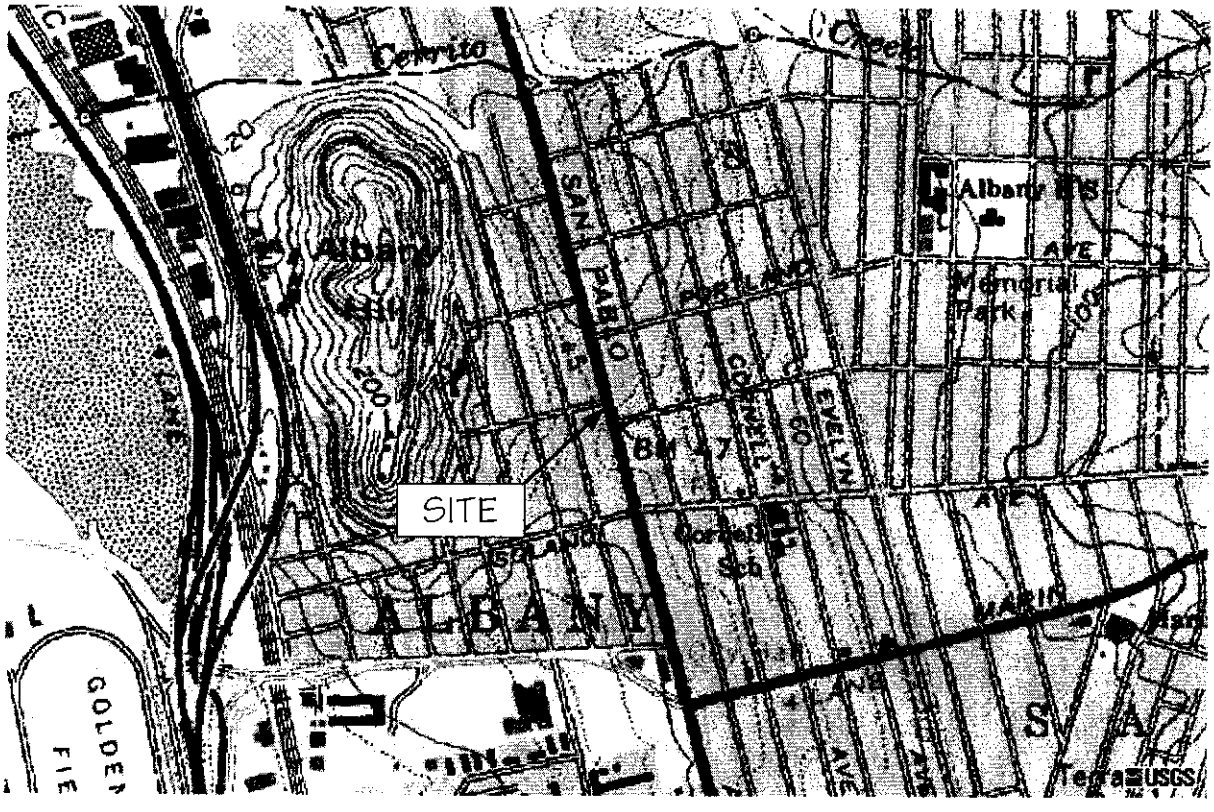
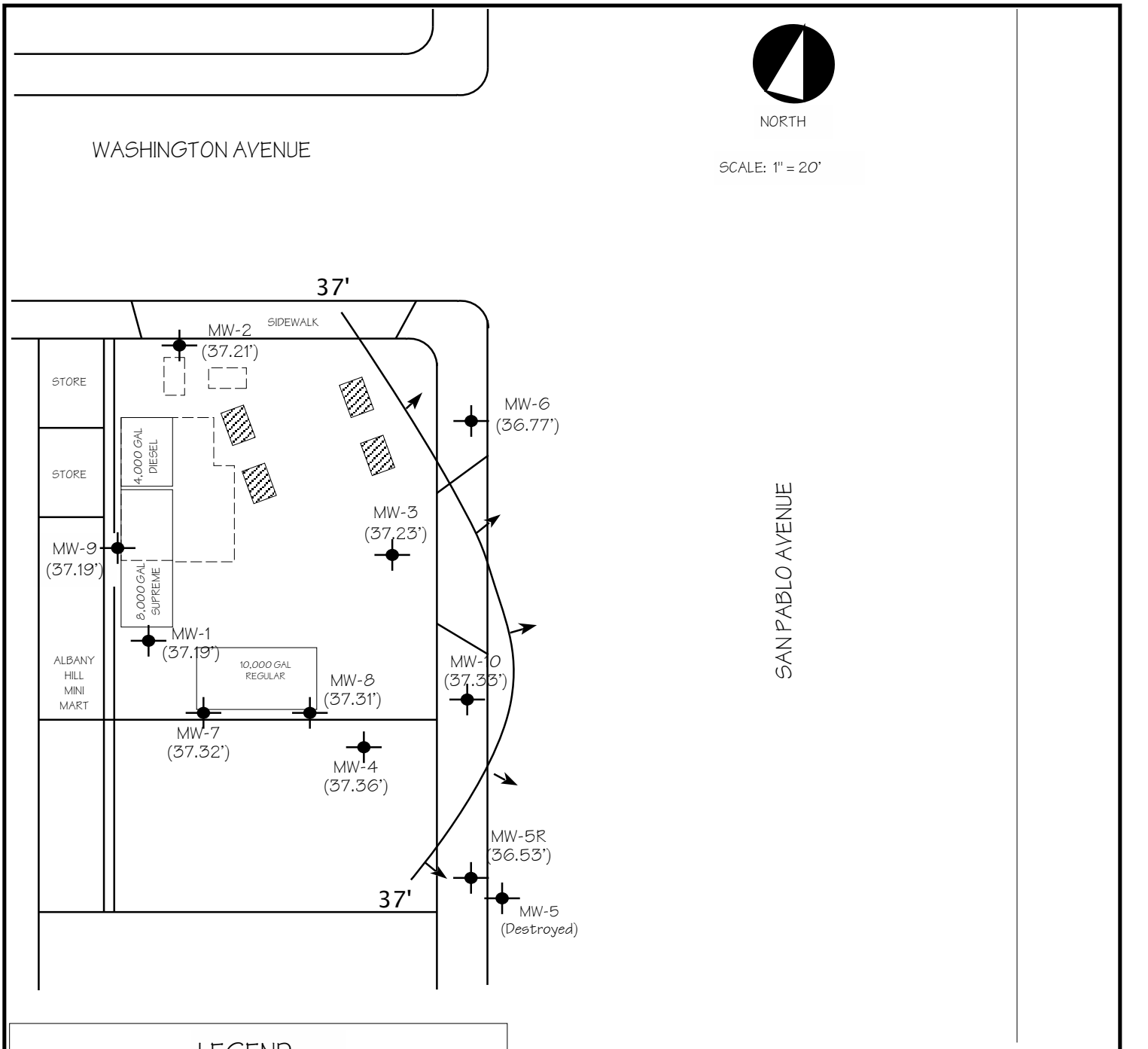
FIGURES

NORTH



LOCATION MAP	
ALBANY HILL MINI MART 800 SAN PABLO AVENUE ALBANY, CALIFORNIA	
AQUA SCIENCE ENGINEERS, INC.	Figure 1



LEGEND

MW-9
(37.19')
MONITORING WELL
WITH GROUNDWATER ELEVATION IN FEET

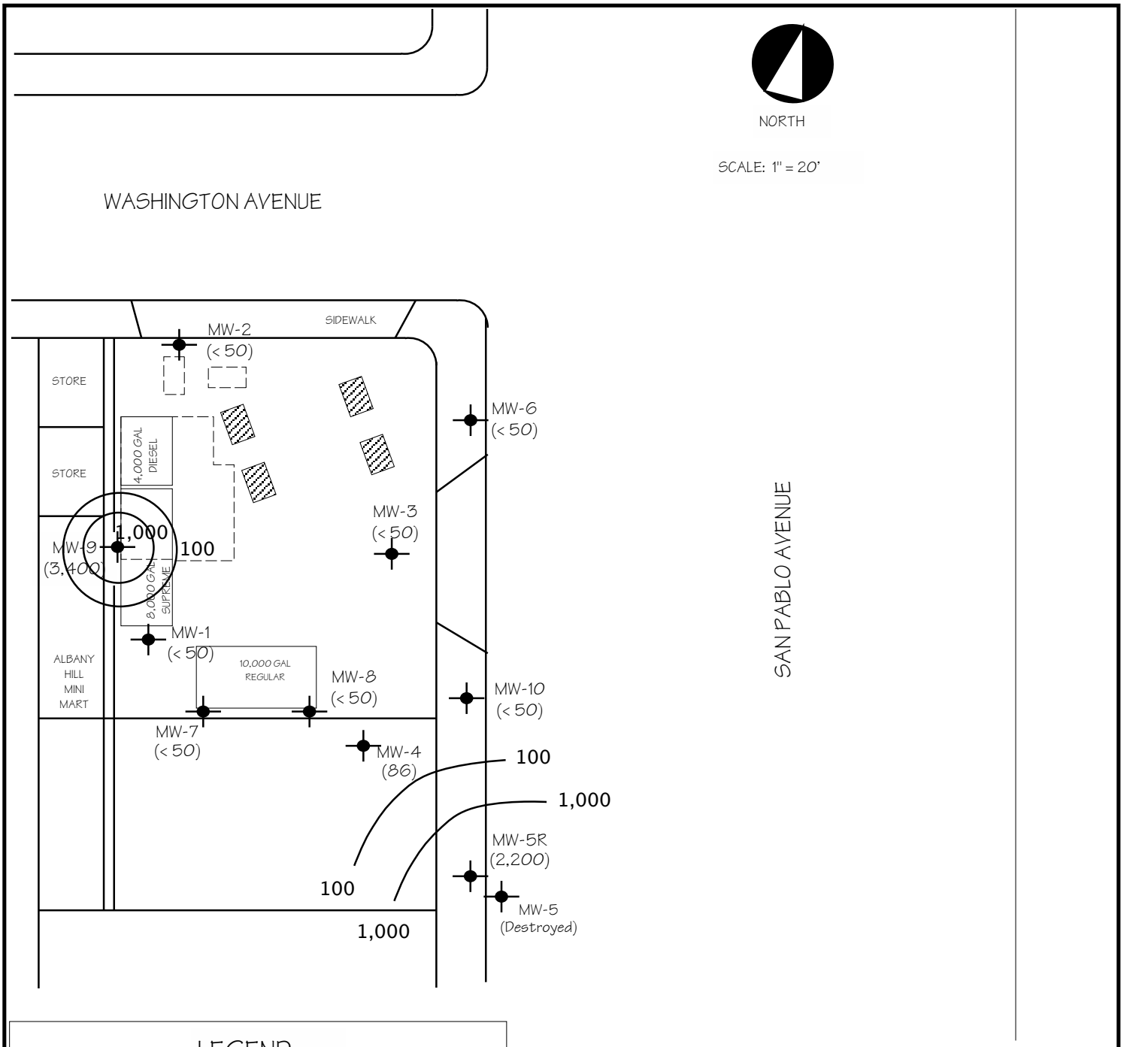
GROUNDWATER ELEVATION CONTOUR LINE
WITH FLOW DIRECTION

APPROXIMATE FORMER UST LOCATION
AND AREA OF EXCAVATION

POTENTIOMETRIC
SURFACE CONTOUR MAP
MARCH 30, 2013

ALBANY HILL MINI MART
800 SAN PABLO AVENUE
ALBANY, CALIFORNIA

AQUA SCIENCE ENGINEERS | Figure 2



LEGEND

MW-9 (3,400) — MONITORING WELL WITH TPH-G CONCENTRATION IN PPB

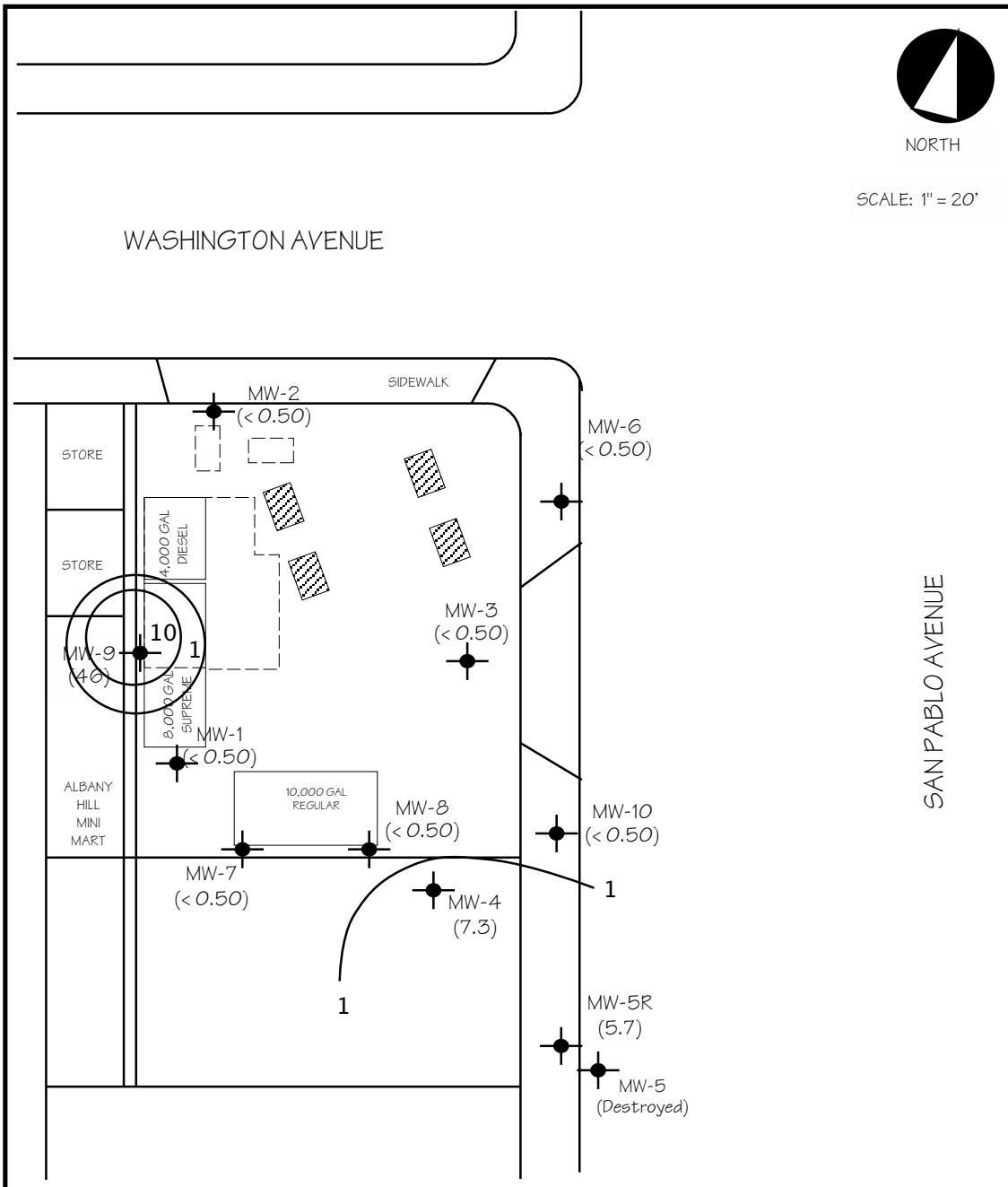
TPH-G CONCENTRATION CONTOUR LINE

APPROXIMATE FORMER UST LOCATION AND AREA OF EXCAVATION

TPH-G CONCENTRATION CONTOUR MAP
MARCH 30, 2013

ALBANY HILL MINI MART
800 SAN PABLO AVENUE
ALBANY, CALIFORNIA

AQUA SCIENCE ENGINEERS | Figure 3



LEGEND

MW-9 (46) — MONITORING WELL WITH BENZENE CONCENTRATION IN PPB

BENZENE CONCENTRATION CONTOUR LINE

APPROXIMATE FORMER UST LOCATION AND AREA OF EXCAVATION

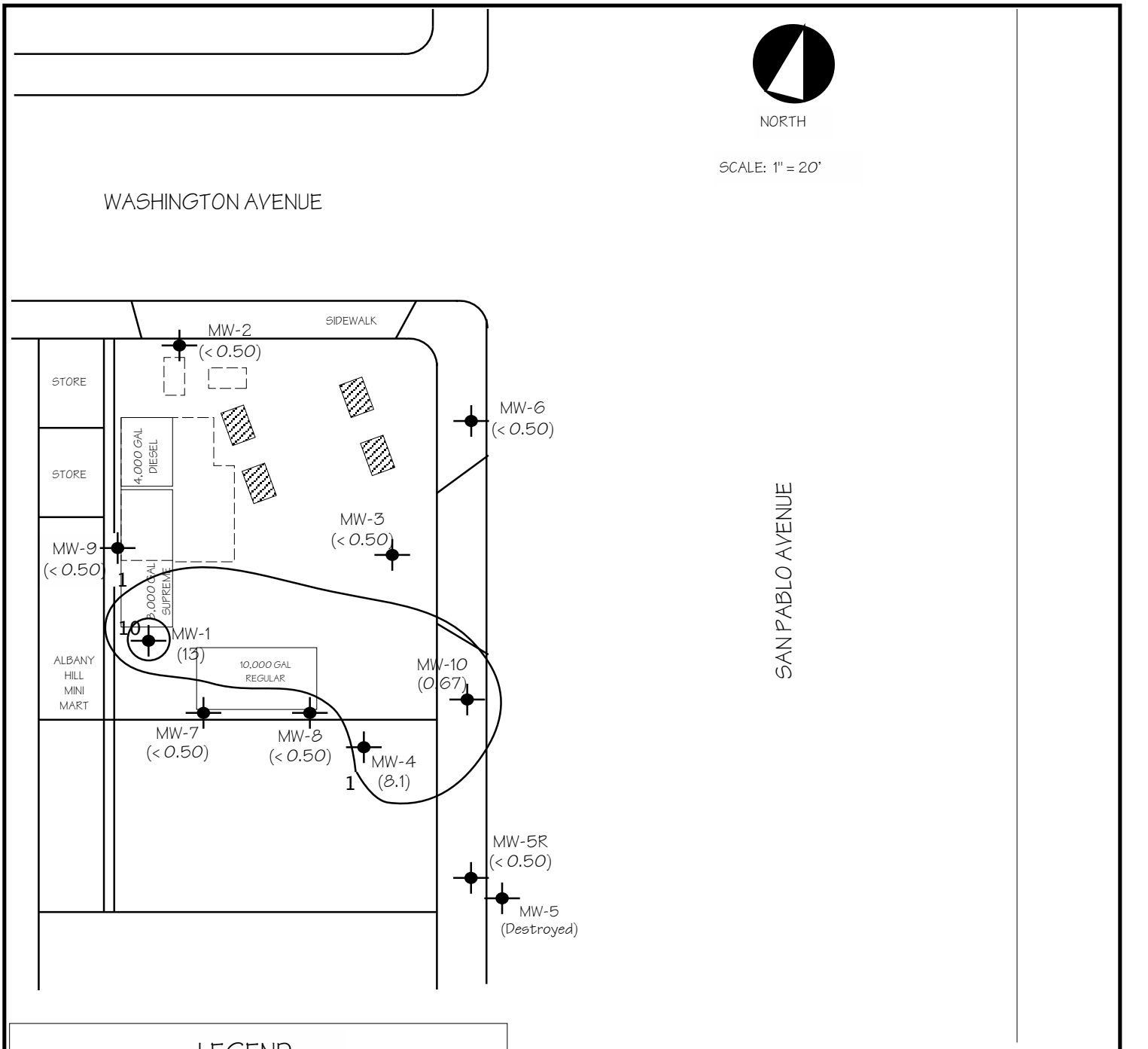
BENZENE CONCENTRATION CONTOUR MAP

MARCH 30, 2013

ALBANY HILL MINI MART
800 SAN PABLO AVENUE
ALBANY, CALIFORNIA

AQUA SCIENCE ENGINEERS

Figure 4



LEGEND

MW-9 (< 0.50) — MONITORING WELL WITH MTBE CONCENTRATION IN PPB

MTBE CONCENTRATION CONTOUR LINE

APPROXIMATE FORMER UST LOCATION AND AREA OF EXCAVATION

MTBE CONCENTRATION CONTOUR MAP
MARCH 30, 2013

ALBANY HILL MINI MART
800 SAN PABLO AVENUE
ALBANY, CALIFORNIA

AQUA SCIENCE ENGINEERS

Figure 5

Aqua Science Engineers, Inc. 55 Oak Court, Suite 220, Danville, CA 94526
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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
	5/19/10		10.39	38.43
	12/21/10		10.72	38.10
	6/29/11		11.26	37.56
	12/13/11		12.15	36.67
	9/12/12		12.68	36.14
	3/30/13		**11.63**	**37.19**

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-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
	5/19/10		9.37	38.34
	12/21/10		9.54	38.17
	6/29/11		10.27	37.44
	12/13/11		11.17	36.54
	9/12/12		11.75	35.96
	3/30/13		**10.50**	**37.21**

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
	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
	5/19/10		9.11	38.38
	12/21/10		9.38	38.11
	6/29/11		10.02	37.47
	12/13/11		10.86	36.63
	9/12/12		8.98	38.51
	3/30/13		**10.26**	**37.23**

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-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
	5/19/10		9.21	38.40
	12/21/10		9.49	38.12
	6/29/11		9.79	37.82
	12/13/11		10.98	36.63
	9/12/12		11.41	36.20
	3/30/13		**10.25**	**37.36**

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
	5/19/10		8.55	38.81
	12/21/10		9.00	38.36
	6/29/11		9.81	37.55
	12/13/11		10.65	36.71
	9/12/12		11.21	36.15
	3/30/13		**10.83**	**36.53**

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-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
	5/19/10		7.83	38.44
	12/21/10		6.35	39.92
	6/29/11		8.50	37.77
	12/13/11		9.60	36.67
	9/12/12		10.21	36.06
	3/30/13		**9.50**	**36.77**

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
	8/3/07		12.09	36.27
	12/5/07		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
	5/19/10		9.94	38.42
	12/21/10		10.77	37.59
	6/29/11		10.84	37.52
	12/13/11		11.71	36.65
	9/12/12		12.11	36.25
	3/30/13		**11.04**	**37.32**

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
	8/3/07		11.74	36.25
	12/5/07		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
	5/19/10		9.64	38.35
	12/21/10		10.36	37.63
	6/29/11		10.48	37.51
	12/13/11		11.35	36.64
	9/12/12		11.57	36.42
	3/30/13		**10.68**	**37.31**

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
	12/7/04		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
	8/3/07		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
	12/3/09		12.93	36.31
	5/19/10		10.26	38.98
	12/21/10		11.66	37.58
	6/29/11		11.50	37.74
	12/13/11		12.38	36.86
	9/12/12		13.00	36.24
	3/30/13		**12.05**	**37.19**

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-10	10/7/05		10.52	
	12/7/05	not sampled		
	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
	8/3/07		11.00	35.90
	12/5/07		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
	12/3/09		11.16	35.74
	5/19/10		8.87	38.03
	12/21/10		8.67	38.23
	6/29/11		9.44	37.46
	12/13/11		10.25	36.65
	9/12/12		9.61	37.29
	3/30/13		**9.57**	**37.33**

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	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*	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	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	1,600	< 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
	5/19/10	75	< 50	1.3	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	47	< 0.50
	12/21/10	< 50	< 50	0.86	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	19	< 0.50
	6/29/11	68	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	20	< 0.50
	12/13/11	< 50	< 50	2.4	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	20	< 0.50
	9/12/12	< 50	---	2.9	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	13	< 0.50
	3/30/13	**< 50**	**---**	**< 0.50**	**< 0.50**	**< 0.50**	**< 0.50**	**< 0.50**	**< 5.0**	**13**	**< 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-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	< 20	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
	5/19/10	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
	12/21/10	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
	6/29/11	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
	12/13/11	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
	9/12/12	< 50	---	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
	3/30/13	**< 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	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	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
	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
	6/4/09	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	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
	5/19/10	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	26	< 0.50
	12/21/10	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
	6/29/11	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	2.9	< 0.50
	12/13/11	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
	9/12/12	< 50	---	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
	3/30/13	**< 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	Ethyl-benzene	Total Xylenes	TAME	TBA	MTBE	Other VOCs
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	86	< 50	8.7	< 0.50	1.1	3.6	< 0.50	< 5.0	14	0.73 DIPE
	6/4/09	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
	5/19/10	200	< 50	20	< 0.50	< 0.50	< 0.50	< 0.50	9.3	13	0.94 DIPE
	12/21/10	200	< 50	32	< 0.50	1.1	3.3	< 0.50	< 5.0	9.5	0.64 DIPE
	6/29/11	120	< 50	13	< 0.50	< 0.50	< 0.50	< 0.50	6.7	9.8	0.85 DIPE
	12/13/11	520	< 80	92	0.96	1.1	1.7	< 0.50	7.8	14	1.1 DIPE
	9/12/12	350	---	51	0.76	0.94	2.0	< 0.50	< 5.0	9.8	0.76 DIPE
	3/30/13	**86**	**---**	**7.3**	**< 0.50**	**< 0.50**	**< 0.50**	**< 0.50**	**< 5.0**	**8.1**	**0.55 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
	5/19/10	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	2.2	< 0.50
	12/21/10	2,700	< 50	16	1.4	29	1.6	< 0.50	< 5.0	< 0.50	< 0.50
	6/29/11	1,900	< 300	12	1.1	6.0	0.85	< 0.50	< 5.0	< 0.50	< 0.50
	12/13/11	3,200	< 400	15	1.2	10	1.3	< 0.50	< 5.0	< 0.50	< 0.50
	9/12/12	3,400	---	23	1.7	2.8	1.4	< 0.50	< 5.0	< 0.50	< 0.50
	3/30/13	**2,200**	**---**	**5.7**	**0.85**	**4.2**	**0.62**	**< 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	Ethyl-benzene	Total Xylenes	TAME	TBA	MTBE	Other VOCs
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
	5/19/10	210	< 200	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	2.8	< 0.50
	12/21/10	130	< 400	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
	6/29/11	390	< 200	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	0.5	< 0.50
	12/13/11	94	< 100	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	18	< 0.50
	9/12/12	270	---	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	13	< 0.50
	3/30/13	**< 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	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. Inaccessable					
	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 DIPE
	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
	5/19/10	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	0.55	< 0.50
	12/21/10	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
	6/29/11	180	< 80	< 0.50	< 0.50	2.8	14	< 0.50	< 5.0	< 0.50	< 0.50
	12/13/11	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
	9/12/12	< 50	---	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
	3/30/13	**< 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	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. Inaccessable									
	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
	5/19/10	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
	12/21/10	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
	6/29/11	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
	12/13/11	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
	9/12/12	< 50	---	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
	3/30/13	**< 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	Ethyl-benzene	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	< 50	< 5.0	< 5.0
	12/7/04	13,000	< 1,500	950	580	480	2,900	< 5.0	< 50	< 5.0	< 5.0
	4/18/05	9,600	< 1,000	620	180	260	1,400	< 2.5	< 25	< 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
	6/4/09	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
	5/19/10	3,000	< 300	190	23	120	490	< 0.90	< 5.0	< 0.90	< 0.90
	12/21/10	4,900	< 300	200	35	260	1,000	< 0.90	< 5.0	< 0.90	< 0.90
	6/29/11	3,400	< 300	140	20	160	800	< 0.90	< 5.0	< 0.90	< 0.90
	12/13/11	7,300	< 400	170	32	340	1,600	< 0.50	< 5.0	< 0.50	< 0.50
	9/12/12	5,400	---	76	16	210	750	< 0.90	5.0	< 0.90	< 0.90
	3/30/13	**3,400**	**---**	**46**	**8.2**	**130**	**500**	**< 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	Ethyl-benzene	Total Xylenes	TAME	TBA	MTBE	Other VOCs
MW-10	10/7/05	470	330	17	<0.50	2	11	1.2	9.4J	210	<0.50
	12/7/05					Not sampled. Inaccessable					
	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
	6/4/09	< 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
	5/19/10	3,600	< 600	19	2.3	120	3.3	< 0.50	< 5.0	< 0.50	< 0.50
	12/21/10	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	7.2	< 0.50
	6/29/11	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	2.0	< 0.50
	12/13/11	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	3.5	< 0.50
	9/12/12	< 50	---	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	2.6	< 0.50
	3/30/13	**< 50**	**---**	**< 0.50**	**< 0.50**	**< 0.50**	**< 0.50**	**< 0.50**	**< 5.0**	**0.67**	**< 0.50**
ESL		100	100	1.0	40	30	20	NE	12	5.0	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
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APPENDIX A

Well Sampling Field Logs

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME Albany Hill

JOB NUMBER 3934 DATE OF SAMPLING 3-30-13

WELL ID. MW-1 SAMPLER RK

TOTAL DEPTH OF WELL 24.2 WELL DIAMETER 2"

DEPTH TO WATER PRIOR TO PURGING 11.63 TIME OF MEASUREMENT

PRODUCT THICKNESS 0

DEPTH OF WELL CASING IN WATER 12.57

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 (NEW DISPOSABLE BAILER)

TIME EVACUATION STARTED 1725 TIME EVACUATION COMPLETED 1745

TIME SAMPLES WERE COLLECTED 1745

DID WELL GO DRY No AFTER HOW MANY GALLONS —

VOLUME OF GROUNDWATER PURGED 6.3 gal

SAMPLING DEVICE (NEW DISPOSABLE BAILER)

SAMPLE COLOR light yellow brown TURBIDITY/SEDIMENT None / slightly silty

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1	17.1	7.1	780
2	17.3	7.0	910
3	17.3	7.0	910

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
MW-1	3	40-ml VOA	TPH-G/BTEX/oxy	HCl
"	2	" "	TPH-D	"

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME Albany Hill

JOB NUMBER 3934 DATE OF SAMPLING 3-30-13

WELL ID. MW-2 SAMPLER RK

TOTAL DEPTH OF WELL 24.8 WELL DIAMETER 2"

DEPTH TO WATER PRIOR TO PURGING 10.50 TIME OF MEASUREMENT

PRODUCT THICKNESS 0

DEPTH OF WELL CASING IN WATER 15.7

NUMBER OF GALLONS PER WELL CASING VOLUME 2.6

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 7.8 gal

EQUIPMENT USED TO PURGE WELL (NEW DISPOSABLE BAILER)

TIME EVACUATION STARTED 12:35 TIME EVACUATION COMPLETED 12:52

TIME SAMPLES WERE COLLECTED 1252

DID WELL GO DRY NO AFTER HOW MANY GALLONS —

VOLUME OF GROUNDWATER PURGED 7.8 gals

SAMPLING DEVICE (NEW DISPOSABLE BAILER)

SAMPLE COLOR slight yellow brown ODOR/SEDIMENT None / slight silt

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1	17.3	6.9	560 ms
2	17.3	7.1	580
3	17.3	7.1	580

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
MW-2	3	40-ml VOA	TPH-G/BTEX/Oxy	HCl
"	2	" "	TPH-D	"

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME Albany Hill

JOB NUMBER 3934 DATE OF SAMPLING 3-30-13

WELL ID. MW-3 SAMPLER RK

TOTAL DEPTH OF WELL 23.8 WELL DIAMETER 2"

DEPTH TO WATER PRIOR TO PURGING 10.26 TIME OF MEASUREMENT

PRODUCT THICKNESS 0

DEPTH OF WELL CASING IN WATER 13.54

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 6.9 gal

EQUIPMENT USED TO PURGE WELL NEW DISPOSABLE BAILER

TIME EVACUATION STARTED 1510 TIME EVACUATION COMPLETED 1525

TIME SAMPLES WERE COLLECTED 1525

DID WELL GO DRY No AFTER HOW MANY GALLONS —

VOLUME OF GROUNDWATER PURGED 6.9 gal

SAMPLING DEVICE NEW DISPOSABLE BAILER

SAMPLE COLOR None ODOR/SEDIMENT none / slight silt

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1	18.7°C	7.0	510 uS
2	18.7	7.0	710
3	18.7	7.0	710

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
MW-3	3	40-ml VOA	TPH-G/BTEX/Oxy	HCl
"	2	" "	TPH-D	"

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME Albany #11

JOB NUMBER 3934 DATE OF SAMPLING 3-30-13

WELL ID. MW-4 SAMPLER RK

TOTAL DEPTH OF WELL 24.5 WELL DIAMETER 2"

DEPTH TO WATER PRIOR TO PURGING 10.25 TIME OF MEASUREMENT

PRODUCT THICKNESS 0

DEPTH OF WELL CASING IN WATER 14.25

NUMBER OF GALLONS PER WELL CASING VOLUME 2.4

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 7.2 gal

EQUIPMENT USED TO PURGE WELL (NEW DISPOSABLE BAILER)

TIME EVACUATION STARTED 1440 TIME EVACUATION COMPLETED 1455

TIME SAMPLES WERE COLLECTED 1455

DID WELL GO DRY No AFTER HOW MANY GALLONS —

VOLUME OF GROUNDWATER PURGED 7.2 gal

SAMPLING DEVICE (NEW DISPOSABLE BAILER)

SAMPLE COLOR slight yellow brown ODOR/SEDIMENT none / slightly silty

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1	17.8°C	6.4	2600
2	17.9	6.3	2540
3	17.9	6.4	2540

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
MW-4	3	40-ml VOA	TPH-G/BTEX/oxy	HCl
"	2	" "	TPH-D	"

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME Albany Hill

JOB NUMBER 3934 DATE OF SAMPLING 3-30-13

WELL ID. MW-5R SAMPLER RK

TOTAL DEPTH OF WELL 19.58 WELL DIAMETER 2"

DEPTH TO WATER PRIOR TO PURGING 10.83 TIME OF MEASUREMENT

PRODUCT THICKNESS 0

DEPTH OF WELL CASING IN WATER 8.75

NUMBER OF GALLONS PER WELL CASING VOLUME 1.5

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 4.5 gal

EQUIPMENT USED TO PURGE WELL ~~1410~~ NEW DISPOSABLE BAILER ~~1420~~

TIME EVACUATION STARTED 1410 TIME EVACUATION COMPLETED 1420

TIME SAMPLES WERE COLLECTED 1420

DID WELL GO DRY No AFTER HOW MANY GALLONS —

VOLUME OF GROUNDWATER PURGED 4.5 gal

SAMPLING DEVICE NEW DISPOSABLE BAILER

SAMPLE COLOR light grey ODOR/SEDIMENT mod hc odor / slight silt

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1	21.3	6.1	930
2	19.2	6.2	790
3	19.2	6.2	790

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
MW-5R	3	40-ml VOA	TPH-G/BTEX/oxy	HCl
"	2	" "	TPH-D	"

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME Albany Hill

JOB NUMBER 3934 DATE OF SAMPLING 3-30-13

WELL ID. MW-6 SAMPLER RK

TOTAL DEPTH OF WELL 24.7 WELL DIAMETER 2"

DEPTH TO WATER PRIOR TO PURGING 9.50 TIME OF MEASUREMENT

PRODUCT THICKNESS 0

DEPTH OF WELL CASING IN WATER 15.2

NUMBER OF GALLONS PER WELL CASING VOLUME 2.5

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 7.5 gal

EQUIPMENT USED TO PURGE WELL (NEW DISPOSABLE BAILER)

TIME EVACUATION STARTED 1305 TIME EVACUATION COMPLETED 1325

TIME SAMPLES WERE COLLECTED 1325

DID WELL GO DRY NO AFTER HOW MANY GALLONS —

VOLUME OF GROUNDWATER PURGED 7.5 gal

SAMPLING DEVICE (NEW DISPOSABLE BAILER)

SAMPLE COLOR silty yellow brown ODOR/SEDIMENT none/mod silty

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1	19.7	6.9	740 43
2	19.5	6.8	720
3	19.5	6.8	740

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
MW-6	3	40-ml VOA	TPH-G/BTEX/Oxy	HCl
"	2	" "	TPH-D	"

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME Albany H.11

JOB NUMBER 3934 DATE OF SAMPLING 3-30-13

WELL ID. MW-7 SAMPLER RK

TOTAL DEPTH OF WELL 24.7 WELL DIAMETER 2"

DEPTH TO WATER PRIOR TO PURGING 11.04 TIME OF MEASUREMENT

PRODUCT THICKNESS -0-

DEPTH OF WELL CASING IN WATER 13.66

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 6.9 gal

EQUIPMENT USED TO PURGE WELL NEW DISPOSABLE BAILER

TIME EVACUATION STARTED 1640 TIME EVACUATION COMPLETED 16:55

TIME SAMPLES WERE COLLECTED 1655

DID WELL GO DRY No AFTER HOW MANY GALLONS —

VOLUME OF GROUNDWATER PURGED 6.9 gal

SAMPLING DEVICE NEW DISPOSABLE BAILER

SAMPLE COLOR yellow brown ODOR/SEDIMENT None / slight s.lt

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1	16.4 °C	7.5	780 us
2	16.7	7.4	810
3	16.7	7.4	820

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
MW-7	3	40-ml VOA	TPH-G/BTEX/Oxy	HCl
"	2	" "	TPH-D	"

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME Albany H.11

JOB NUMBER 3934 DATE OF SAMPLING 3-30-13

WELL ID. MW-8 SAMPLER RK

TOTAL DEPTH OF WELL 19.1 WELL DIAMETER 2"

DEPTH TO WATER PRIOR TO PURGING 10.68 TIME OF MEASUREMENT

PRODUCT THICKNESS 0

DEPTH OF WELL CASING IN WATER 8.42

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 gal

EQUIPMENT USED TO PURGE WELL (NEW DISPOSABLE BAILER)

TIME EVACUATION STARTED 1540 TIME EVACUATION COMPLETED 1555

TIME SAMPLES WERE COLLECTED 1555

DID WELL GO DRY NO AFTER HOW MANY GALLONS —

VOLUME OF GROUNDWATER PURGED 4.2 gal

SAMPLING DEVICE (NEW DISPOSABLE BAILER)

SAMPLE COLOR yellow brown ODOR/SEDIMENT None/ slight silt

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1	16.1 °C	7.2	090 uS
2	16.3	7.3	070
3	16.3	7.2	070

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
MW-8	3	40-ml VOA	TPH-G/BTEX/Oxy	HCl
"	2	" "	TPH-D	"

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME Albany Hill

JOB NUMBER 3934 DATE OF SAMPLING 3-30-13

WELL ID. MW-9 SAMPLER RK

TOTAL DEPTH OF WELL 16.8 WELL DIAMETER 2"

DEPTH TO WATER PRIOR TO PURGING 12.05 TIME OF MEASUREMENT

PRODUCT THICKNESS

DEPTH OF WELL CASING IN WATER 4.75

NUMBER OF GALLONS PER WELL CASING VOLUME 0.8

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 2.4 gal

EQUIPMENT USED TO PURGE WELL NEW DISPOSABLE BAILER

TIME EVACUATION STARTED 1210 TIME EVACUATION COMPLETED 1215

TIME SAMPLES WERE COLLECTED 1615

DID WELL GO DRY Yes AFTER HOW MANY GALLONS 1

VOLUME OF GROUNDWATER PURGED

SAMPLING DEVICE NEW DISPOSABLE BAILER

SAMPLE COLOR None ODOR/SEDIMENT None / None

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1	17.6	6.2	1000 uS
2			
3			

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
MW-9	3	40-ml VOA	TPH-G/BTEX/Oxy	HCl
"	2	" "	TPH-D	"

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME Albany Hill

JOB NUMBER 3934 DATE OF SAMPLING 3-30-13

WELL ID. MW-10 SAMPLER RK

TOTAL DEPTH OF WELL 24.7 WELL DIAMETER 2"

DEPTH TO WATER PRIOR TO PURGING 9.57 TIME OF MEASUREMENT

PRODUCT THICKNESS 0

DEPTH OF WELL CASING IN WATER 15.13

NUMBER OF GALLONS PER WELL CASING VOLUME 2.5

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 7.5 gal

EQUIPMENT USED TO PURGE WELL (NEW DISPOSABLE BAILER)

TIME EVACUATION STARTED 1335 TIME EVACUATION COMPLETED 1350

TIME SAMPLES WERE COLLECTED 1350

DID WELL GO DRY No AFTER HOW MANY GALLONS —

VOLUME OF GROUNDWATER PURGED 7.5 gal

SAMPLING DEVICE (NEW DISPOSABLE BAILER)

SAMPLE COLOR slight yellow brown ODOR/SEDIMENT none / slight silt

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1	18.1	6.5	870 us
2	18.3	6.6	910
3	18.3	6.6	900

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
MW-10	3	40-ml VOA	TPH-G/BTEX/oxy	HCl
"	2	" "	TPH-D	"

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APPENDIX B

Certified Analytical Report
and
Chain of Custody Documentation

KIFF Analytical LLC

Report Number : 84540
Date : 04/09/2013

Laboratory Results

Robert Kitay
Aqua Science Engineers, Inc.
55 Oak Court, Suite 220
Danville, CA 94526

Subject : 10 Water Samples
Project Name : Albany Hill
Project Number : 3934

Dear Mr. Kitay,

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. Testing procedures comply with the 2003 NELAC and TNI 2009 standards. Laboratory results relate only to the samples tested. This report may be freely reproduced in full, but may only be reproduced in part with the express permission of Kiff Analytical, LLC. Kiff Analytical, LLC is certified by the State of California under the National Environmental Laboratory Accreditation Program (NELAP), lab # 08263CA. If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,

Troy G. Turpen

Troy Turpen

KIFF Analytical LLC

Report Number : 84540
Date : 04/09/2013

Project Name : **Albany Hill**
Project Number : **3934**

Sample : **MW-1** Matrix : Water Lab Number : 84540-01
Sample Date :03/30/2013

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	04/09/13 00:28
Toluene	< 0.50	0.50	ug/L	EPA 8260B	04/09/13 00:28
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	04/09/13 00:28
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	04/09/13 00:28
Methyl-t-butyl ether (MTBE)	**13**	0.50	ug/L	EPA 8260B	04/09/13 00:28
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	04/09/13 00:28
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	04/09/13 00:28
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	04/09/13 00:28
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	04/09/13 00:28
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	04/09/13 00:28
1,2-Dichloroethane-d4 (Surr)	100		% Recovery	EPA 8260B	04/09/13 00:28
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	04/09/13 00:28

KIFF Analytical LLC

Report Number : 84540
Date : 04/09/2013

Project Name : **Albany Hill**
Project Number : **3934**

Sample : **MW-2** Matrix : Water Lab Number : 84540-02
Sample Date :03/30/2013

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	04/09/13 01:02
Toluene	< 0.50	0.50	ug/L	EPA 8260B	04/09/13 01:02
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	04/09/13 01:02
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	04/09/13 01:02
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	04/09/13 01:02
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	04/09/13 01:02
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	04/09/13 01:02
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	04/09/13 01:02
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	04/09/13 01:02
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	04/09/13 01:02
1,2-Dichloroethane-d4 (Surr)	101		% Recovery	EPA 8260B	04/09/13 01:02
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	04/09/13 01:02

KIFF Analytical LLC

Report Number : 84540
Date : 04/09/2013

Project Name : **Albany Hill**
Project Number : **3934**

Sample : **MW-3** Matrix : Water Lab Number : 84540-03
Sample Date :03/30/2013

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	04/09/13 01:37
Toluene	< 0.50	0.50	ug/L	EPA 8260B	04/09/13 01:37
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	04/09/13 01:37
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	04/09/13 01:37
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	04/09/13 01:37
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	04/09/13 01:37
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	04/09/13 01:37
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	04/09/13 01:37
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	04/09/13 01:37
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	04/09/13 01:37
1,2-Dichloroethane-d4 (Surr)	102		% Recovery	EPA 8260B	04/09/13 01:37
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	04/09/13 01:37

KIFF Analytical LLC

Report Number : 84540
Date : 04/09/2013

Project Name : **Albany Hill**
Project Number : **3934**

Sample : **MW-4** Matrix : Water Lab Number : 84540-04
Sample Date :03/30/2013

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	**7.3**	0.50	ug/L	EPA 8260B	04/09/13 02:11
Toluene	< 0.50	0.50	ug/L	EPA 8260B	04/09/13 02:11
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	04/09/13 02:11
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	04/09/13 02:11
Methyl-t-butyl ether (MTBE)	**8.1**	0.50	ug/L	EPA 8260B	04/09/13 02:11
Diisopropyl ether (DIPE)	**0.55**	0.50	ug/L	EPA 8260B	04/09/13 02:11
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	04/09/13 02:11
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	04/09/13 02:11
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	04/09/13 02:11
TPH as Gasoline	**86**	50	ug/L	EPA 8260B	04/09/13 02:11
1,2-Dichloroethane-d4 (Surr)	101		% Recovery	EPA 8260B	04/09/13 02:11
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	04/09/13 02:11

KIFF Analytical LLC

Report Number : 84540
Date : 04/09/2013

Project Name : **Albany Hill**
Project Number : **3934**

Sample : **MW-5R** Matrix : Water Lab Number : 84540-05
Sample Date :03/30/2013

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	**5.7**	0.50	ug/L	EPA 8260B	04/09/13 02:46
Toluene	**0.85**	0.50	ug/L	EPA 8260B	04/09/13 02:46
Ethylbenzene	**4.2**	0.50	ug/L	EPA 8260B	04/09/13 02:46
Total Xylenes	**0.62**	0.50	ug/L	EPA 8260B	04/09/13 02:46
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	04/09/13 02:46
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	04/09/13 02:46
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	04/09/13 02:46
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	04/09/13 02:46
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	04/09/13 02:46
TPH as Gasoline	**2200**	50	ug/L	EPA 8260B	04/09/13 02:46
1,2-Dichloroethane-d4 (Surr)	99.5		% Recovery	EPA 8260B	04/09/13 02:46
Toluene - d8 (Surr)	99.2		% Recovery	EPA 8260B	04/09/13 02:46

KIFF Analytical LLC

Report Number : 84540
Date : 04/09/2013

Project Name : **Albany Hill**
Project Number : **3934**

Sample : **MW-6** Matrix : Water Lab Number : 84540-06
Sample Date :03/30/2013

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	04/09/13 03:20
Toluene	< 0.50	0.50	ug/L	EPA 8260B	04/09/13 03:20
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	04/09/13 03:20
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	04/09/13 03:20
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	04/09/13 03:20
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	04/09/13 03:20
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	04/09/13 03:20
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	04/09/13 03:20
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	04/09/13 03:20
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	04/09/13 14:20
1,2-Dichloroethane-d4 (Surr)	100		% Recovery	EPA 8260B	04/09/13 03:20
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	04/09/13 03:20

KIFF Analytical LLC

Report Number : 84540
Date : 04/09/2013

Project Name : **Albany Hill**
Project Number : **3934**

Sample : **MW-7** Matrix : Water Lab Number : 84540-07

Sample Date :03/30/2013

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	04/09/13 03:55
Toluene	< 0.50	0.50	ug/L	EPA 8260B	04/09/13 03:55
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	04/09/13 03:55
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	04/09/13 03:55
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	04/09/13 03:55
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	04/09/13 03:55
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	04/09/13 03:55
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	04/09/13 03:55
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	04/09/13 03:55
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	04/09/13 03:55
1,2-Dichloroethane-d4 (Surr)	101		% Recovery	EPA 8260B	04/09/13 03:55
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	04/09/13 03:55

KIFF Analytical LLC

Report Number : 84540
Date : 04/09/2013

Project Name : **Albany Hill**
Project Number : **3934**

Sample : **MW-8** Matrix : Water Lab Number : 84540-08

Sample Date :03/30/2013

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	04/09/13 04:29
Toluene	< 0.50	0.50	ug/L	EPA 8260B	04/09/13 04:29
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	04/09/13 04:29
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	04/09/13 04:29
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	04/09/13 04:29
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	04/09/13 04:29
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	04/09/13 04:29
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	04/09/13 04:29
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	04/09/13 04:29
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	04/09/13 04:29
1,2-Dichloroethane-d4 (Surr)	101		% Recovery	EPA 8260B	04/09/13 04:29
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	04/09/13 04:29

KIFF Analytical LLC

Report Number : 84540
Date : 04/09/2013

Project Name : **Albany Hill**
Project Number : **3934**

Sample : **MW-9** Matrix : Water Lab Number : 84540-09
Sample Date :03/30/2013

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	**46**	0.50	ug/L	EPA 8260B	04/09/13 15:20
Toluene	**8.2**	0.50	ug/L	EPA 8260B	04/09/13 15:20
Ethylbenzene	**130**	0.50	ug/L	EPA 8260B	04/09/13 15:20
Total Xylenes	**500**	0.50	ug/L	EPA 8260B	04/09/13 15:20
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	04/09/13 15:20
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	04/09/13 15:20
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	04/09/13 15:20
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	04/09/13 15:20
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	04/09/13 15:20
TPH as Gasoline	**3400**	50	ug/L	EPA 8260B	04/09/13 15:20
1,2-Dichloroethane-d4 (Surr)	99.7		% Recovery	EPA 8260B	04/09/13 15:20
Toluene - d8 (Surr)	99.9		% Recovery	EPA 8260B	04/09/13 15:20

KIFF Analytical LLC

Report Number : 84540
Date : 04/09/2013

Project Name : **Albany Hill**
Project Number : **3934**

Sample : **MW-10** Matrix : Water Lab Number : 84540-10
Sample Date :03/30/2013

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	04/09/13 05:04
Toluene	< 0.50	0.50	ug/L	EPA 8260B	04/09/13 05:04
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	04/09/13 05:04
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	04/09/13 05:04
Methyl-t-butyl ether (MTBE)	**0.67**	0.50	ug/L	EPA 8260B	04/09/13 05:04
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	04/09/13 05:04
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	04/09/13 05:04
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	04/09/13 05:04
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	04/09/13 05:04
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	04/09/13 05:04
1,2-Dichloroethane-d4 (Surr)	101		% Recovery	EPA 8260B	04/09/13 05:04
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	04/09/13 05:04

Report Number : 84540

Date : 04/09/2013

QC Report : Method Blank Data

Project Name : **Albany Hill**

Project Number : **3934**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	04/09/2013
Benzene	< 0.50	0.50	ug/L	EPA 8260B	04/08/2013
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	04/08/2013
Toluene	< 0.50	0.50	ug/L	EPA 8260B	04/08/2013
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	04/08/2013
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	04/08/2013
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	04/08/2013
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	04/08/2013
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	04/08/2013
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	04/08/2013
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	04/08/2013
1,2-Dichloroethane-d4 (Surr)	100		%	EPA 8260B	04/08/2013
Toluene - d8 (Surr)	100		%	EPA 8260B	04/08/2013
Benzene	< 0.50	0.50	ug/L	EPA 8260B	04/09/2013
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	04/09/2013
Toluene	< 0.50	0.50	ug/L	EPA 8260B	04/09/2013
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	04/09/2013
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	04/09/2013
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	04/09/2013
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	04/09/2013
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	04/09/2013
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	04/09/2013
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	04/09/2013
1,2-Dichloroethane-d4 (Surr)	102		%	EPA 8260B	04/09/2013
Toluene - d8 (Surr)	100		%	EPA 8260B	04/09/2013

Report Number : 84540

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 04/09/2013

Project Name : **Albany Hill**

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
Toluene														
	84543-05	<0.50	39.8	39.9	38.9	38.5	ug/L	EPA 8260B	4/9/13	97.6	96.4	1.24	80-120	25
Benzene														
	84542-11	<0.50	40.0	40.0	41.8	40.8	ug/L	EPA 8260B	4/8/13	104	102	2.36	80-120	25
Diisopropyl ether														
	84542-11	<0.50	40.0	40.0	46.5	45.7	ug/L	EPA 8260B	4/8/13	116	114	1.80	80-120	25
Ethyl-tert-butyl ether														
	84542-11	<0.50	39.1	39.1	46.6	46.1	ug/L	EPA 8260B	4/8/13	119	118	1.12	76.5-120	25
Ethylbenzene														
	84542-11	<0.50	40.0	40.0	43.0	41.7	ug/L	EPA 8260B	4/8/13	108	104	3.09	80-120	25
Methyl-t-butyl ether														
	84542-11	<0.50	39.4	39.4	45.8	44.9	ug/L	EPA 8260B	4/8/13	116	114	2.02	69.7-121	25
P + M Xylene														
	84542-11	<0.50	40.0	40.0	42.7	41.8	ug/L	EPA 8260B	4/8/13	107	105	1.99	76.8-120	25
Tert-Butanol														
	84542-11	<5.0	201	201	203	200	ug/L	EPA 8260B	4/8/13	101	99.8	1.52	80-120	25
Tert-amyl-methyl ether														
	84542-11	<0.50	39.3	39.3	44.8	44.6	ug/L	EPA 8260B	4/8/13	114	113	0.582	78.9-120	25

KIFF ANALYTICAL, LLC

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Report Number : 84540

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 04/09/2013

Project Name : **Albany Hill**

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
Toluene														
	84542-11	<0.50	40.0	40.0	42.2	41.4	ug/L	EPA 8260B	4/8/13	106	104	2.02	80-120	25
Benzene														
	84548-01	<0.50	40.0	40.0	40.8	39.8	ug/L	EPA 8260B	4/9/13	102	99.6	2.37	80-120	25
Diisopropyl ether														
	84548-01	<0.50	40.0	40.0	44.6	44.3	ug/L	EPA 8260B	4/9/13	112	111	0.681	80-120	25
Ethyl-tert-butyl ether														
	84548-01	<0.50	39.1	39.1	44.7	44.1	ug/L	EPA 8260B	4/9/13	114	113	1.29	76.5-120	25
Ethylbenzene														
	84548-01	<0.50	40.0	40.0	41.6	40.6	ug/L	EPA 8260B	4/9/13	104	102	2.47	80-120	25
Methyl-t-butyl ether														
	84548-01	<0.50	39.4	39.4	44.4	43.8	ug/L	EPA 8260B	4/9/13	113	111	1.43	69.7-121	25
P + M Xylene														
	84548-01	<0.50	40.0	40.0	41.6	40.7	ug/L	EPA 8260B	4/9/13	104	102	2.08	76.8-120	25
Tert-Butanol														
	84548-01	<5.0	201	201	200	198	ug/L	EPA 8260B	4/9/13	99.6	98.8	0.777	80-120	25
Tert-amyl-methyl ether														
	84548-01	<0.50	39.3	39.3	43.4	42.8	ug/L	EPA 8260B	4/9/13	110	109	1.34	78.9-120	25

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Report Number : 84540

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 04/09/2013

Project Name : **Albany Hill**

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
Toluene														
	84548-01	<0.50	40.0	40.0	41.1	40.5	ug/L	EPA 8260B	4/9/13	103	101	1.32	80-120	25

KIFF ANALYTICAL, LLC

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Report Number : 84540

QC Report : Laboratory Control Sample (LCS)

Date : 04/09/2013

Project Name : **Albany Hill**

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	4/9/13	95.5	80-120
Benzene	39.8	ug/L	EPA 8260B	4/8/13	100	80-120
Diisopropyl ether	39.8	ug/L	EPA 8260B	4/8/13	111	80-120
Ethyl-tert-butyl ether	38.9	ug/L	EPA 8260B	4/8/13	113	76.5-120
Ethylbenzene	39.8	ug/L	EPA 8260B	4/8/13	104	80-120
Methyl-t-butyl ether	39.2	ug/L	EPA 8260B	4/8/13	111	69.7-121
P + M Xylene	39.8	ug/L	EPA 8260B	4/8/13	103	76.8-120
TPH as Gasoline	508	ug/L	EPA 8260B	4/8/13	89.7	70.0-130
Tert-Butanol	200	ug/L	EPA 8260B	4/8/13	98.0	80-120
Tert-amyl-methyl ether	39.1	ug/L	EPA 8260B	4/8/13	108	78.9-120
Toluene	39.8	ug/L	EPA 8260B	4/8/13	101	80-120
Benzene	40.2	ug/L	EPA 8260B	4/9/13	102	80-120
Diisopropyl ether	40.1	ug/L	EPA 8260B	4/9/13	112	80-120
Ethyl-tert-butyl ether	39.3	ug/L	EPA 8260B	4/9/13	114	76.5-120
Ethylbenzene	40.2	ug/L	EPA 8260B	4/9/13	104	80-120
Methyl-t-butyl ether	39.6	ug/L	EPA 8260B	4/9/13	113	69.7-121
P + M Xylene	40.2	ug/L	EPA 8260B	4/9/13	104	76.8-120
TPH as Gasoline	508	ug/L	EPA 8260B	4/9/13	95.4	70.0-130
Tert-Butanol	202	ug/L	EPA 8260B	4/9/13	99.4	80-120
Tert-amyl-methyl ether	39.5	ug/L	EPA 8260B	4/9/13	110	78.9-120

KIFF ANALYTICAL, LLC

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

Report Number : 84540

QC Report : Laboratory Control Sample (LCS)

Date : 04/09/2013

Project Name : **Albany Hill**

Project Number : **3934**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Toluene	40.2	ug/L	EPA 8260B	4/9/13	103	80-120

KIFF ANALYTICAL, LLC

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84540

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

Chain of Custody

SAMPLER (SIGNATURE) R. C. Kirby

PAGE 1 of 1

PROJECT NAME Albany Hill

JOB NO. 3934

ADDRESS 800 San Pablo Ave, Albany, CA

ANALYSIS REQUEST

SPECIAL INSTRUCTIONS:

SAMPLE ID.	DATE	TIME	MATRIX	QUANTITY	TPH-GAS / MTBE & BTEX (EPA 5030/8015-8020)	TPH-DIESEL (EPA 3510/8015)	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 8015)	VOLATILE ORGANICS (EPA 624/8240/8260)	LUFT METALS (5) (EPA 6010+7000)	COMPOSITE 4:1	EDF	
MW-1	3-3-13	1745	W	5																
MW-2		1252												X					X	01
MW-3		1525												X					X	02
MW-4		1455												X					X	03
MW-5R		1420												X					X	04
MW-6		1325												X					X	05
MW-7		1655												X					X	06
MW-8		1555												X					X	07
MW-9		1615												X					X	08
MW-10		1350												X					X	09
														X					X	10

RELINQUISHED BY: R. C. Kirby 1020
(signature) (time)
Robert E. Kirby 4-5-13
(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: Ron McGee 1025
(signature) (time)
Ron McGee 040513
(printed name) (date)
Company- Kiff Analytical

COMMENTS:

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

KIFF Analytical LLC

SAMPLE RECEIPT CHECKLIST

RECEIVER: RLM (Initials)

SRG#: 84540 Date: 040513

Project ID: Albany Hill

Method of Receipt: [X] Courier [ ] Over-the-counter [ ] Shipper

Shipping Only: [ ] FedEx * [ ] OnTrac * [ ] Greyhound [ ] Other *Service level if not Priority or Sunrise (M-F): _____

COC Inspection

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

Sample Inspection

Coolant Present: [X] Yes [ ] No (includes water)

Temperature °C 2.8 Therm. ID# ~~RLM~~ IR1 Initial RLM Date/Time 040513/1620 [ ] N/A

Are there custody seals on sample containers?	[ ] Intact	[ ] Broken	[X] Not present	
Do containers match COC? [X] 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	[X] No		
Are any sample containers broken, leaking or damaged?	[ ] Yes	[X] No		
Are preservatives indicated? [X] Yes, on sample containers	[ ] Yes, on COC	[ ] Not indicated	[ ] N/A	
Are preservatives correct for analyses requested?	[X] Yes	[ ] No	[ ] N/A	
Are samples within holding time for analyses requested?	[X] Yes	[ ] No		
Are the correct sample containers used for the analyses requested?	[X] Yes	[ ] No		
Is there sufficient sample to perform testing?	[X] Yes	[ ] No		
Does any sample contain product, have strong odor or are otherwise suspected to be hot?	[ ] Yes	[X] No		

Receipt Details

Matrix WA	Container type VOA	# 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: 040513 Time: 1627

Quicklog

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

COMMENTS: Sediment in -06 (all VOAs) - LJR040813 · 1125

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