SITE CONCEPTUAL MODEL UPDATE
SECOND QUARTER 2007

Tesoro Station No. 67106
Former Beacon Station No. 3720
1088 Marina Boulevard
San Leandro, California
RDM Project No. 00-67106

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August 15, 2007

EXECUTIVE SUMMARY

This Site Conceptual Model (SCM) Update has been prepared by RDM Environmental, Inc. (RDM) and Haley & Aldrich, Inc. (Haley & Aldrich), on behalf of Tesoro Petroleum Companies, Inc. (Tesoro), for the former Tesoro Station No. 67106 located at 1088 Marina Boulevard, San Leandro, California. This report is submitted in fulfillment of the requirements for the California Regional Water Quality Control Board, San Francisco Bay Region (CRWQCBSFB), the Alameda County Health Care (ACEH) Agency – Department of Health and the City of San Leandro – Environmental Service Division. This report contains only updates to the Site Conceptual Model Update First Quarter 2007 report dated 15 May 2007 (RDM). Standard background information previously submitted to the agency in hard copy is not included in this update report. This information can be found in hard copy by referring to the SCM report dated 10 November 2005, or electronically accessed on the Tesoro San Leandro Sharepoint website (https://portal.haleyaldrich.com/sites/ext/San Leandro).

After collection of the 2Q2006 groundwater samples (12 May 2006) all active remediation systems (i.e., ozone/air sparging and soil vapor extraction) were shut down to allow the assessment of site conditions under equilibrium state, determine the extent to which the current remedial approach had been effective and evaluate whether subsurface conditions were appropriate for continuation of the current remedial approach.

Within the first quarter after system shutdown, laboratory analytical data showed a relatively low rebound of gasoline constituent concentrations, which was to be expected with the temporary cessation of active remediation, suggesting that only a minimal amount of petroleum compounds remain as residuals in the subsurface. It is important to note that after 11 months of inactivity current contaminant concentrations are at or below the lowest values observed during active remediation, demonstrating that natural processes have attenuated the slight contaminant rebound observed in the first quarter after shutdown.

In summary, the plume appears to be stable and conditions continue to improve, an indication that active remediation was having a negligible impact on the site. Based on these observations Tesoro requested a meeting with ACEH to discuss the most recent analytical data and approach strategies for moving forward towards site closure. This meeting was held at ACEH in June 2007, where Tesoro received verbal approval for a 'No Further Action' approach. A formal written request and site closure plan are currently in preparation and will be submitted in the Third and Fourth Quarters of 2007.

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1.0 INTRODUCTION

This Site Conceptual Model (SCM) Update Report has been prepared by RDM Environmental, Inc. (RDM) and Haley & Aldrich, Inc. (Haley & Aldrich), on behalf of Tesoro Petroleum Companies, Inc. (Tesoro) for the former Tesoro Station No. 67106 located at 1088 Marina Boulevard, San Leandro, California. This report contains only updates to the previously submitted documents. The most recently prepared project reports and standard project reference materials consistently contained in quarterly reports submitted to the CRWQCBSFB (e.g., site background, local groundwater use, site geology and hydrogeology, general field procedures, previous work, remedial system descriptions) are available in hard copy in any of the previous report submittals or electronically on the Tesoro San Leandro Sharepoint website (https://portal.haleyaldrich.com/sites/ext/Tesoro/San Leandro), a project data portal and collaborative resource that is currently available to all members of the project team and interested stakeholders.

After collection of the 2Q2006 groundwater samples (12 May 2006) all active remediation systems (i.e., ozone/air sparging and soil vapor extraction) were shut down. The temporary suspension of active remediation for a 6+ month period was agreed to in the Alameda County Health Care Services (ACEH) letter dated 11 April 2006; this approach would allow for an assessment of site rebound and equilibrium contaminant concentrations. Active remediation shut down continued beyond 6 months to allow the site to move towards equilibrium. Four sampling events have been conducted post-system shut down, including this quarter as the most recent. Samples were collected on 25 April 2007, after 11 months of inactivity.

Site wells that had been previously used for active remediation (i.e., ozone/air sparging or soil vapor extraction) demonstrated, in general, a decrease in contaminant levels when compared to sample results from the 1Q2007 sampling event. Total Petroleum Hydrocarbons as gasoline (TPH-G) are currently detected in wells MW-1 through MW-5 at concentrations greater than the environmental screening level (ESL) for groundwater that is a current or potential drinking water resource. Benzene and Ethylbenzene are currently detected in well MW-2 at concentrations greater than the drinking water resource ESL. Total Xylenes are currently detected in wells MW-2 and MW-4 at concentrations greater than the drinking water resource ESL. All other on-site and off-site wells are either non-detect (ND) or have concentrations below the drinking water resource ESLs for TPH-G, BTEX, MTBE or other fuel oxygenates.

2.0 SITE BACKGROUND

Site Description and Groundwater Use details are available in hard copy in any of the previous report submittals or electronically on the Tesoro San Leandro Sharepoint website (https://portal.haleyaldrich.com/sites/ext/Tesoro/San Leandro).

3.0 ENVIRONMENTAL SETTING

Descriptions of the site geologic and hydrogeologic conditions are available in hard copy in any of the previous report submittals or electronically on the Tesoro San Leandro Sharepoint website (https://portal.haleyaldrich.com/sites/ext/Tesoro/San Leandro). A site topographic map and site map are shown in Figures 1 and 2, respectively.

4.0 SITE ASSESSMENT ACTIVITIES

No supplemental site assessment activities were performed during the reporting period. A summary of previous work conducted at the site is available in hard copy in any of the previous report submittals or electronically on the Tesoro San Leandro Sharepoint website (https://portal.haleyaldrich.com/sites/ext/Tesoro/San Leandro).

5.0 QUARTERLY GROUNDWATER MONITORING AND SAMPLING

5.1 GROUNDWATER MONITORING AND SAMPLING ACTIVITIES

On 25 April 2007, groundwater levels in Monitoring wells MW-1 through MW-9 were measured prior to well purging and sampling. No free product was observed in any of the groundwater monitoring wells and has not been observed in any project monitoring well since before March 1998. Groundwater monitoring data are presented in Table 1.

Data used to prepare the groundwater elevation contour map were obtained from fluid level sensors deployed during the 25 April 2007 sampling event. Groundwater elevation data are summarized in Table 1. The groundwater elevation contour map, using data obtained during the 25 April 2007 sampling event, is shown in Figure 3 and indicates that groundwater direction is predominately to the south.

5.2 LABORATORY ANALYSIS

Groundwater samples collected during this sampling event were analyzed by a State-certified laboratory, for total petroleum hydrocarbons as gasoline (TPH-G) using the Department of Health Services Leaking Underground Fuel Tank (DHS LUFT) Method, and volatile organic compounds (VOCs), including benzene, toluene, ethylbenzene, total xylenes (BTEX), MTBE, and other fuel oxygenates using Environmental Protection Agency (EPA) Method 8260B.

Additional samples were collected for the analysis of monitored natural attenuation (MNA) parameters (including: dissolved oxygen, redox potential, pH, conductivity, ferrous iron, total iron, alkalinity, carbon dioxide, total organic carbon) from all wells using low flow sampling methods. MNA parameter results are summarized in Table 2. These parameters were collected to determine typical subsurface conditions during periods of inactive remediation to assess equilibrium conditions and potential rebound effects when compared to subsurface conditions from samples collected during periods of active remediation.

Historical and quarterly groundwater laboratory analytical results (including Second Quarter 2007) are presented in Table 1. Dissolved-phase benzene, TPH-G, MTBE and total xylenes iso-concentration maps are shown on Figures 4, 5, 6, and 7, respectively. Copies of the official laboratory reports and chain of custody records for the Second Quarter 2007 quarterly groundwater sampling event are included in Appendix B. In addition, field data sheets from the quarterly monitoring and sampling event are included in Appendix A.

5.3 FINDINGS

On 25 April 2007, groundwater was measured at depths between 11.43 feet and 14.19 feet bgs. Based on previous groundwater elevation data, the groundwater elevation has decreased, following a rise in the last quarter, across the site. Annual groundwater fluctuations in recent years have ranged 2-3 feet and elevation highs have generally occurred between the months of February and May. The decrease observed during this quarter is likely due to seasonal variability. Groundwater flow beneath the site is to the south under a hydraulic gradient of less than 0.05 foot per foot; similar to previous quarters. Groundwater monitoring data are presented in Tables 1 and 2, and the groundwater elevation contour map is shown on Figure 3.

On 25 April 2007, groundwater samples were collected from wells MW-1 through MW-9. Results of laboratory analysis of these groundwater samples are summarized in Table 1 and the results of MNA parameter analysis are summarized in Table 2. The groundwater monitoring analytical trends show a continued decrease in site contaminants even though active remediation (i.e., ozone sparging and soil vapor extraction) were temporarily suspended approximately 1 year ago. Comparing compound concentrations during the year of inactive remediation to data collected during active remediation (prior to May 2006) show that contaminant concentrations have continued to decline at a rate equal to or better than those observed pre-systems shut down. These results strongly suggest that natural processes at the site may be operating on their own to remediate the constituents present, and that active remediation would be an unnecessary use of resources at this site.

5.4 REPORT TO ALAMEDA COUNTY HEALTH CARE (ACEH) AGENCY

In June 2007 a meeting was held between Tesoro, RDM, Haley & Aldrich, Inc. and ACEH, to review the most current site data and to discuss future plans for the site. It was agreed that natural processes are likely working to improve conditions and that further remedial action would have no benefit on the site. A verbal agreement was reached that a 'No Further Action' request and site closure plan be prepared by RDM and submitted on behalf of Tesoro for approval. The formal request is in preparation and will be submitted during the Third Quarter 2007 as part of the next quarterly report.

6.0 SITE CONCEPTUAL MODEL OVERVIEW AND UPDATE

Currently, the groundwater flow is toward the south, which is generally consistent with recent monitoring events, and with the previous SCM for the site. During the Second Quarter 2006 active remediation was temporarily suspended to conduct an assessment of site rebound and conditions under equilibrium conditions.

7.0 QUARTERLY REMEDIAL PROGRESS OF SOIL VAPOR EXTRACTION SYSTEM

7.1 OPERATIONS UPDATE

Active SVE remediation was temporarily suspended on 12 May 2006 and has remained off to conduct an assessment of site rebound and conditions under equilibrium state.

8.0 QUARTERLY REMEDIAL PROGRESS OF GROUNDWATER TREATMENT SYSTEM

8.1 OPERATIONS UPDATE

Active ozone/air sparging was temporarily suspended on 12 May 2006 and has remained off to conduct an assessment of site rebound and conditions under equilibrium state (i.e., stable DO and ORP readings).

9.0 PROPOSED WORK ACTIVITIES

RDM, Haley & Aldrich, and Tesoro propose the following work activities for the Third and Fourth Quarter 2007:

- Regularly scheduled monitoring of water levels and collection of ground water samples in key wells within the monitoring network to provide groundwater flow gradient and direction data.
- Continue quarterly groundwater compliance reporting under this new reporting format, including updates to the SCM as appropriate.
- Prepare and submit a formal 'No Further Action' request and site closure plan for regulatory review. The request will be included as part of the next quarterly report.

10.0 STATEMENT OF LIMITATIONS AND PROFESSIONAL CERTIFICATION

The conclusions presented herein are based solely upon the agreed upon scope of work outlined in this report. RDM makes no warranties or guarantees as to the accuracy or completeness of information provided or compiled by others. It is possible that information exists beyond the scope of this investigation. Additional information, which was not found or available to RDM at the time of writing this report, may result in modification of the conclusions presented. This report is not a legal opinion. The services performed by RDM have been conducted in a manner consistent with the level of care ordinarily exercised by members of our profession currently practicing under similar conditions. No other warranty, expressed or implied, is made.

This report was supervised or prepared by the licensed professional whose signature and license number appear below.

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11.0 REFERENCES

Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater; Volume 1: Summary Tier 1 Lookup Tables. California Regional Water Quality Control Board, San Francisco Bay Region, Interim Final – 2005.

Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater; Volume 2: Background Documentation for the Development of Tier I Environmental Screening Levels. California Regional Water Quality Control Board, San Francisco Bay Region, Interim Final – 2005.

TABLE 1

GROUND WATER MONITORING DATA

Tesoro Station No. 67106
Former Beacon Station No. 3720
1088 Marina Boulevard
San Leandro, California

Monitoring Well	Date	Reference Elevation (ft) [a]	Depth to Ground Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)	Oxygenates (µg/L)	Comments
MW-1	03/12/98	33.10	11.09	22.01	<0.5	<0.5	5.0	2.8	100	<5.0	NA	No sheen
	05/28/98		11.36	21.74	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No sheen
	08/31/98		12.61	20.49	<0.5	<0.5	6.4	1.4	130	<5.0	NA	No sheen
	11/19/98		13.84	19.26	0.75	<0.5	<0.5	3.0	120	<5.0	NA	No sheen
	03/15/99		11.95	21.15	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No sheen
	06/07/99		13.45	19.65	1.6	1.9	230	110	5,200	<5.0	NA	No sheen
	09/07/99		13.10	20.00	1.0	<0.5	22	15	490	<5.0	NA	No sheen
	12/13/99		14.29	18.81	<2.5	<2.5	170	110	4,100	<25	NA	No sheen
	03/08/00		11.22	21.88	<0.5	<0.5	21	7.7	1,200	150	NA	No sheen
	06/12/00		12.85	20.25	1.5	0.9	160	98	3,000	34	NA	No sheen
	11/15/00		14.19	18.91	<20	<20	470	390	8,500	14,000	NA	No sheen
	02/27/01		12.35	20.75	5.4	2.6	260	190	6,100	4,300	NA	No sheen
	05/22/01		14.18	18.92	8.9	13	1,100	1,300	21,000	2,300	NA	No sheen
	09/05/01		13.70	19.10	<2.0	3.6	600	850	12,000	93	NA	No sheen
	11/07/01		14.25	18.85	<5.0	<5.0	1,300	1,600	23,000	87	NA	No sheen
	02/11/02	35.47	13.05	22.42	<0.5	<0.5	140	150	4,500	18	NA	No sheen
	06/03/02		13.31	22.16	<2.5	<2.5	520	460	12,000	12	NA	No sheen
	08/06/02		13.75	21.72	<0.5	<0.5	710	580	22,000	15	NA	No sheen
	11/14/02		14.10	21.37	<5.0	<5.0	300	250	16,000	8.1	ND	No sheen
	02/20/03		12.80	22.67	<1.5	<1.5	130	89	7,300	9.3	ND	No sheen
	05/15/03		12.90	22.57	<2.5	<2.5	270	120	14,000	4.7	ND	No sheen
	07/31/03		13.50	21.97	<5.0	<5.0	380	230	18,000	5.2	ND	No sheen
	10/28/03		14.42	21.05	<5.0	<5.0	340	210	17,000	<5.0	ND	No sheen
	02/28/04		12.72	22.75	<2.0	<2.0	140	48	10,000	4.8	ND	No sheen
	04/16/04		13.52	21.95	<0.5	<0.5	29	11	2,800	2.1	ND	No sheen
	07/16/04		14.04	21.43	<0.5	0.57	130	74	5,500	1.4	ND	No sheen
	11/13/04		13.99	21.43	<0.70	<0.70	56	25	4,000	ND	ND	No sheen
	02/04/05		13.36	22.11	0.57	<0.5	140	58	9,700	0.75	ND	No sheen
	04/08/05		12.43	23.04	<1.5	<1.5	84	24	8,100	<1.5	ND	No sheen
	08/10/05		13.62	21.85	<1.5	<1.5	92	32	8,700	<1.5	ND	No sheen
	11/05/05		13.95	21.52	<1.5	<1.5	92	38	9,200	<1.5	ND	No sheen
	01/13/06		12.43	23.04	<1.5	<1.5	34	17	6,500	<1.5	ND	No sheen
	05/12/06		12.40	23.33	<0.5	1.0	26	12	3,600	<0.5	330[d], 390[e]	No sheen
	08/13/06		13.08	22.39	<0.5	0.57	40	12	5,200	<0.5	ND	No sheen
	10/20/06		13.58	21.89	<0.5	0.61	52	16	5,300	<0.5	ND	No sheen
	02/12/07		12.94	22.53	<0.5	<0.5	12	2.7	3,500	<0.5	ND	No sheen
	04/25/07		13.35	22.12	<0.5	<0.5	15	3.6	3,400	<0.5	ND	No sheen

TABLE 1

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Tesoro Station No. 67106
Former Beacon Station No. 3720
1088 Marina Boulevard
San Leandro, California

Monitoring Well	Date	Reference Elevation (ft) [a]	Depth to Ground Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)	Oxygenates (µg/L)	Comments
MW-2	03/12/98	32.80	10.92	21.88	32	1.0	12	6.5	440	20	NA	No sheen
	05/28/98		10.41	22.39	<0.5	<0.5	<0.5	<0.5	<50	27	NA	No sheen
	08/31/98		12.29	20.51	9.3	0.95	4.9	8.8	270	20	NA	No sheen
	11/19/98		13.47	19.33	16	0.72	<0.5	4.3	180	7.4	NA	No sheen
	03/15/99		11.95	20.85	12	3.5	59	840	2,400	10	NA	No sheen
	06/07/99		13.11	19.69	21	0.99	6.9	10	690	6.1	NA	No sheen
	09/07/99		12.92	19.88	7.8	1.2	42	100	610	<5.0	NA	No sheen
	12/13/99		13.96	18.84	26	0.93	52	96	3,000	<5.0	NA	No sheen
	03/08/00		10.87	21.93	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No sheen
	06/12/00		12.53	20.27	51	17	170	320	5,500	18	NA	No sheen
	11/15/00		13.96	18.84	75	48	1,200	2,800	16,000	19,000	NA	No sheen
	02/27/01		12.29	20.51	54	24	320	870	10,000	6,000	NA	No sheen
	05/22/01		15.51	17.29	12	5.0	79	100	2,400	3,500	NA	No sheen
	09/05/01		13.75	19.05	120	180	1,500	5,100	34,000	400	NA	No sheen
	11/07/01		13.99	18.81	87	170	1,400	3,700	32,000	870	NA	No sheen
	02/11/02	35.11	12.98	22.13	170	250	1,600	4,700	34,000	390	NA	No sheen
	06/03/02		13.24	21.87	130	260	1,700	5,100	29,000	110	NA	No sheen
	08/06/02		13.73	21.38	110	240	1,700	4,700	34,000	84	NA	No sheen
	11/14/02		13.55	21.56	51	150	1,300	3,600	35,000	39	ND	No sheen
	02/20/03		11.80	23.31	67	130	1,100	2,800	23,000	71	ND	No sheen
	05/15/03		12.27	22.84	57	110	840	2,300	19,000	43	ND	No sheen
	07/31/03		13.46	21.65	78	210	2,000	5,000	31,000	36	ND	No sheen
	10/28/03		14.09	21.02	59	120	2,000	3,600	32,000	19	ND	No sheen
	02/28/04		12.27	22.84	21	26	520	980	10,000	35	ND	No sheen
	04/16/04		13.22	21.89	30	30	540	890	11,000	30	23[c]	No sheen
	07/16/04		13.76	21.35	42	36	1,200	2,300	21,000	17	ND	No sheen
	11/13/04		13.79	21.35	25	27	780	1,300	14,000	9.1	ND	No sheen
	02/04/05		13.08	22.03	24	20	720	1,000	14,000	8.6	ND	No sheen
	04/08/05		12.11	23.00	19	11	580	630	14,000	7.9	ND	No sheen
	08/10/05		13.27	21.84	21	11	610	520	13,000	7.6	ND	No sheen
	11/05/05		11.92	23.19	<0.5	<0.5	<0.5	<0.5	<50	<0.5	ND	No sheen
	01/13/06		12.26	22.85	17	7.8	220	230	6,800	3.5	ND	No sheen
	05/12/06		11.64	23.47	2.3	1.6	39	34	1,400	<0.5	200[d], 190[e]	No sheen
	08/13/06		12.80	22.31	17	6.4	520	160	7,700	3.4	ND	No sheen
	10/20/06		13.31	21.80	22	7.6	620	140	8,800	3.1	ND	No sheen
	02/12/07		12.81	22.30	24	8.5	450	110	7,700	2.5	ND	No sheen
	04/25/07		13.10	22.01	22	8.7	620	100	9,400	<2.0	ND	No sheen

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Monitoring Well	Date	Reference Elevation (ft) [a]	Depth to Ground Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)	Oxygenates (µg/L)	Comments
MW-3	03/12/98	32.30	10.81	21.49	0.67	<0.5	7.1	3.4	1,200	7.3	NA	No sheen
	05/28/98		11.45	20.85	<0.5	0.5	<0.5	<0.5	350	<5.0	NA	No sheen
	08/31/98		12.21	20.09	<0.5	0.89	0.69	<0.5	240	<5.0	NA	No sheen
	11/19/98		13.26	19.04	5.3	0.72	0.86	4.2	440	<5.0	NA	No sheen
	03/15/99		11.89	20.41	3.3	1.3	0.77	<0.5	410	<5.0	NA	No sheen
	06/07/99		12.91	19.39	<0.5	2.0	<0.5	0.66	680	<5.0	NA	No sheen
	09/07/99		12.81	19.49	<0.5	0.62	<0.5	8.7	150	12	NA	No sheen
	12/13/99		13.75	18.55	<0.5	0.52	<0.5	1.0	830	<5.0	NA	No sheen
	03/08/00		11.39	20.91	0.58	<0.5	0.77	<0.5	960	<5.0	NA	No sheen
	06/12/00		12.58	19.72	1.7	<0.5	46	6.3	1,700	<5.0	NA	No sheen
	11/15/00		13.85	18.45	<200	<200	<200	<200	<20,000	84,000	NA	No sheen
	02/27/01		12.22	20.08	98	<20	130	30	3,500	16,000	NA	No sheen
	05/22/01		13.66	18.64	41	<20	20	<20	<2,000	5,800	NA	No sheen
	09/05/01		13.41	18.89	9.9	1.5	49	8.2	5,300	430	NA	No sheen
	11/07/01		13.85	18.45	9.4	1.8	47	8.8	6,500	1,600	NA	No sheen
	02/11/02	34.84	12.86	21.98	8.9	<2.0	14	<2.0	2,400	530	NA	No sheen
	06/03/02		13.10	21.74	13	0.77	19	0.94	2,100	110	NA	No sheen
	08/06/02		13.52	21.32	25	2.5	12	1.1	2,800	120	NA	No sheen
	11/14/02		13.49	21.35	29	0.89	3.7	<0.5	2,200	420	1.1[b], 19[c]	No sheen
	02/20/03		12.92	21.92	2.5	<0.5	<0.5	<0.5	2,400	340	13[c]	No sheen
	05/15/03		12.83	22.01	2.0	<0.5	1.2	<0.5	2,100	200	0.85[b], 15[c]	No sheen
	07/31/03		13.44	21.40	1.2	<0.5	<0.5	<0.5	1,600	330	0.81[b], 15[c]	No sheen
	10/28/03		13.92	20.92	1.0	<0.5	<0.5	<0.5	1,600	160	7.1[c]	No sheen
	02/28/04		12.50	22.34	1.2	<0.5	0.74	<0.5	1,400	58	74[c]	No sheen
	04/16/04		13.07	21.77	1.2	<0.5	<0.5	<0.5	1,400	45	95[c]	No sheen
	07/16/04		13.62	21.22	6.1	1.1	<0.5	0.83	1,900	43	21[c]	No sheen
	11/13/04		13.70	21.22	4.7	0.79	<0.5	<0.5	1,300	30	82[c]	No sheen
	02/04/05		12.94	21.90	0.79	<0.5	<0.5	<0.5	1,300	10	12[c]	No sheen
	04/08/05		12.10	22.74	<0.5	<0.5	<0.5	<0.5	770	4.2	ND	No sheen
	08/10/05		13.19	21.65	3.4	0.61	0.57	<0.5	1,600	6.3	11[c]	No sheen
	11/05/05		13.46	21.38	7.1	1.0	2.7	0.75	2,200	3.6	13[c]	No sheen
	01/13/06		12.20	22.64	5.0	1.1	4.9	1.2	1,200	3.1	9.8[a]	No sheen
	05/12/06		11.79	23.05	2.4	1.2	1.8	1.1	960	2.1	6.1[c], 220[d], 300[e]	No sheen
	08/13/06		12.66	22.18	2.2	0.62	1.6	1.0	1,700	1.1	5.5[c]	No sheen
	10/20/06		13.19	21.65	1.9	<0.5	<0.5	<0.5	1,200	1.6	ND	No sheen
	02/12/07		12.74	22.10	<0.5	<0.5	<0.5	<0.5	990	1.2	5.5[c], 8.8[e]	No sheen
	04/25/07		12.99	21.85	<0.5	<0.5	<0.5	<0.5	760	1.4	6.1[c]	No sheen

TABLE 1

GROUND WATER MONITORING DATA

Tesoro Station No. 67106
Former Beacon Station No. 3720
1088 Marina Boulevard
San Leandro, California

Monitoring Well	Date	Reference Elevation (ft) [a]	Depth to Ground Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)	Oxygenates (µg/L)	Comments
MW-4	03/12/98	32.90	11.31	21.59	2,200	1,500	630	3,000	14,000	440	NA	No sheen
	05/28/98		10.40	22.50	<0.5	0.75	0.68	6.9	67	26	NA	No sheen
	08/31/98		12.54	20.36	1.8	2.5	0.65	3.4	<50	<5.0	NA	No sheen
	11/19/98		13.99	18.91	<0.5	<0.5	<0.5	0.61	<50	17	NA	No sheen
	03/15/99		12.06	20.84	1.2	1.6	0.76	4.5	160	9.3	NA	No sheen
	06/07/99		13.57	19.33	210	370	350	2,000	5,800	<20	NA	No sheen
	09/07/99		10.30	22.60	2.2	2.8	4.8	25	130	12	NA	No sheen
	12/13/99		14.18	18.72	1.3	1.0	1.2	4.8	<50	12	NA	No sheen
	03/08/00		11.77	21.13	78	200	160	750	3,700	11	NA	No sheen
	06/12/00		13.47	19.43	<0.5	<0.5	<0.5	<0.5	<50	24	NA	No sheen
	11/15/00		14.33	18.57	12	38	28	130	710	1,300	NA	No sheen
	02/27/01		14.25	18.65	67	300	310	1,400	6,500	1,000	NA	No sheen
	05/22/01		13.99	18.91	2.1	5.6	4.8	20	130	350	NA	No sheen
	09/05/01		15.75	17.15	110	670	250	1,300	6,200	600	NA	No sheen
	11/07/01		16.10	16.80	40	270	180	940	4,100	110	NA	No sheen
	02/11/02	35.33	15.04	20.29	91	590	620	3,000	14,000	350	NA	No sheen
	06/03/02		13.61	21.72	69	390	190	1,100	4,300	240	NA	No sheen
	08/06/02		15.01	20.32	100	690	570	2,900	13,000	170	NA	No sheen
	11/14/02		13.98	21.35	65	380	550	3,400	20,000	130	ND	No sheen
	02/20/03		13.33	22.00	57	240	650	3,700	18,000	98	ND	No sheen
	05/15/03		13.29	22.04	44	100	200	1,200	8,500	120	21[c]	No sheen
	07/31/03		13.76	21.57	42	59	250	1,400	11,000	87	ND	No sheen
	10/28/03		14.48	20.85	80	40	130	650	8,100	130	20[c]	No sheen
	02/28/04		12.96	22.37	85	430	570	3,700	17,000	67	ND	No sheen
	04/16/04		13.57	21.76	72	420	570	3,800	19,000	60	ND	No sheen
	07/16/04		14.16	21.17	46	330	360	2,200	10,000	58	28[c]	No sheen
	11/13/04		14.34	21.17	50	240	360	2,200	9,400	22	ND	No sheen
	02/04/05		13.56	21.77	14	160	170	1,100	4,800	7.9	ND	No sheen
	04/08/05		12.65	22.68	15	160	200	1,200	5,800	6.6	ND	No sheen
	08/10/05		13.73	21.60	7.0	110	100	570	3,000	5.2	9.9[c]	No sheen
	11/05/05		14.35	20.98	6.0	91	95	630	3,000	5.3	9.1[c]	No sheen
	01/13/06		12.76	22.57	8.3	100	160	860	4,000	4.9	6.7[a]	No sheen
	05/12/06		12.56	22.75	<0.5	0.62	<0.5	<0.5	<50	<0.5	180[d], 260[b]	No sheen
	08/13/06		13.30	22.30	2.5	20	41	240	1,200	2.0	ND	No sheen
	10/20/06		13.78	21.55	2.9	28	56	350	1,500	2.7	ND	No sheen
	02/12/07		13.21	22.10	<0.5	0.58	1.5	3.3	150	3.1	9.7[e]	No sheen
	04/25/07		13.58	21.75	0.83	4.6	10	26	340	4.8	6.0[c]	No sheen

TABLE 1

GROUND WATER MONITORING DATA

Tesoro Station No. 67106
Former Beacon Station No. 3720
1088 Marina Boulevard
San Leandro, California

Monitoring Well	Date	Reference Elevation (ft) [a]	Depth to Ground Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)	Oxygenates (µg/L)	Comments
MW-5	03/12/98	32.70	11.11	21.59	2,600	160	470	2,200	12,000	<250	NA	No sheen
	05/28/98		10.92	21.78	480	99	160	730	4,700	<250	NA	No sheen
	08/31/98		12.79	19.91	200	14	55	220	1,400	180	NA	No sheen
	11/19/98		13.39	19.31	1.4	<0.5	<0.5	<0.5	<50	39	NA	No sheen
	03/15/99		11.71	20.99	320	17	290	780	3,400	33	NA	No sheen
	06/07/99		13.26	19.44	220	8.9	240	290	3,200	<25	NA	No sheen
	09/07/99		9.70	23.00	8.5	<0.5	8.5	12	140	38	NA	No sheen
	12/13/99		14.06	18.64	<0.5	<0.5	<0.5	13	140	<5.0	NA	No sheen
	03/08/00		11.80	20.90	0.66	<0.5	2.5	30	280	<5.0	NA	No sheen
	06/12/00		12.99	19.71	22	1.2	79	170	2,700	6.4	NA	No sheen
	11/15/00		14.23	18.47	36	1.6	180	180	4,500	10	NA	No sheen
	02/27/01		12.66	20.04	33	1.6	160	220	2,800	110	NA	No sheen
	05/22/01		13.58	19.12	49	2.2	180	230	3,200	240	NA	No sheen
	09/05/01		14.05	18.65	28	1.0	100	100	2,400	560	NA	No sheen
	11/07/01		14.32	18.38	<2.0	<2.0	2.1	20	390	590	NA	No sheen
	02/11/02	35.09	13.31	21.78	19	<5.0	59	52	1,200	1,800	NA	No sheen
	06/03/02		13.55	21.54	44	<2.0	150	210	3,200	610	NA	No sheen
	08/06/02		14.10	20.99	42	<2.0	140	150	3,200	820	NA	No sheen
	11/14/02		14.03	21.06	29	1.3	94	100	2,900	560	100[c]	No sheen
	02/20/03		13.35	21.74	22	<1.0	81	77	2,900	270	170[c]	No sheen
	05/15/03		13.11	21.98	55	1.8	94	85	3,700	220	0.64[b], 170[c]	No sheen
	07/31/03		13.88	21.21	45	1.1	26	19	2,400	200	180[c]	No sheen
	10/28/03		14.41	20.68	6.8	<0.5	4.4	1.1	570	77	8.0[c]	No sheen
	02/28/04		12.89	22.20	37	1.4	130	120	3,400	72	32[c]	No sheen
	04/16/04		13.41	21.68	26	0.73	45	53	2,400	81	130[c]	No sheen
	07/16/04		13.92	21.17	24	0.85	36	20	2,100	71	46[c]	No sheen
	11/13/04		14.35	21.17	19	0.55	37	17	1,600	38	59[c]	No sheen
	02/04/05		13.48	21.61	40	1.40	120	80	4,500	32	43[c]	No sheen
	04/08/05		12.42	22.67	<0.5	<0.5	<0.5	<0.5	67	7.9	ND	No sheen
	08/10/05		13.36	21.73	<0.5	<0.5	<0.5	<0.5	<50	1.5	ND	No sheen
	11/05/05		13.96	21.13	<0.5	<0.5	2.2	1.5	110	<0.5	ND	No sheen
	01/13/06		12.53	22.56	<0.5	<0.5	1.2	<0.5	0.58	<0.5	ND	No sheen
	05/12/06		12.26	22.83	<0.5	<0.5	<0.5	<0.5	<50	0.54	28[e]	No sheen
	08/13/06		13.05	22.04	<0.5	<0.5	0.58	<0.5	140	0.66	ND	No sheen
	10/20/06		13.52	21.57	0.76	<0.5	2.8	1.1	320	1.40	5.9[c]	No sheen
	02/12/07		13.04	22.05	<0.5	<0.5	<0.5	<0.5	210	2.80	6.4[c]	No sheen
	04/25/07		13.40	21.69	<0.5	<0.5	<0.5	<0.5	340	3.70	8.1[c]	No sheen

TABLE 1

GROUND WATER MONITORING DATA

Tesoro Station No. 67106
Former Beacon Station No. 3720
1088 Marina Boulevard
San Leandro, California

Monitoring Well	Date	Reference Elevation (ft) [a]	Depth to Ground Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)	Oxygenates (µg/L)	Comments
MW-6	03/12/98	30.40	10.49	19.91	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No sheen
	05/28/98		10.58	19.82	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No sheen
	08/31/98		10.85	19.55	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No sheen
	11/19/98		10.88	19.52	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No sheen
	03/15/99		10.83	19.57	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No sheen
	06/07/99		11.01	19.39	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No sheen
	09/07/99		11.89	18.51	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No sheen
	12/13/99		12.09	18.31	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No sheen
	03/08/00		10.02	20.38	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No sheen
	06/12/00		11.07	19.33	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No sheen
	11/15/00		12.34	18.06	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	No sheen
	02/27/01		10.75	19.65	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	No sheen
	05/22/01		11.55	18.85	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	No sheen
	09/05/01		12.10	18.30	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	No sheen
	11/07/01		12.31	18.09	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	No sheen
	02/11/02	32.74	11.05	21.69	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	No sheen
	06/03/02		11.70	21.40	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	No sheen
	08/06/02		12.28	20.46	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	No sheen
	11/14/02		12.46	20.28	<0.5	<0.5	<0.5	<0.5	<50	<0.5	ND	No sheen
	02/20/03		11.26	21.48	<0.5	<0.5	<0.5	<0.5	<50	<0.5	ND	No sheen
	05/15/03		11.85	20.89	<0.5	<0.5	<0.5	<0.5	<50	<0.5	ND	No sheen
	07/31/03		11.73	21.01	<0.5	<0.5	<0.5	<0.5	<50	<0.5	ND	No sheen
	10/28/03		12.38	20.36	<0.5	<0.5	<0.5	<0.5	<50	<0.5	ND	No sheen
	02/28/04		11.88	20.86	<0.5	<0.5	<0.5	<0.5	<50	<0.5	ND	No sheen
	04/16/04		11.85	20.89	<0.5	<0.5	<0.5	<0.5	<50	<0.5	ND	No sheen
	07/16/04		12.84	19.90	<0.5	<0.5	<0.5	<0.5	<50	<0.5	ND	No sheen
	11/13/04		12.13	19.90	<0.5	<0.5	<0.5	<0.5	<50	<0.5	ND	No sheen
	02/04/05		11.14	21.60	<0.5	<0.5	<0.5	<0.5	<50	<0.5	ND	No sheen
	04/08/05		10.94	21.80	<0.5	<0.5	<0.5	<0.5	<50	<0.5	ND	No sheen
	08/10/05		11.42	21.32	<0.5	<0.5	<0.5	<0.5	<50	<0.5	ND	No sheen
	11/05/05		11.90	20.84	<0.5	<0.5	<0.5	<0.5	<50	<0.5	ND	No sheen
	01/13/06		10.70	22.04	<0.5	<0.5	<0.5	<0.5	<50	<0.5	ND	No sheen
	05/12/06		10.63	22.11	<0.5	0.72	<0.5	<0.5	<50	<0.5	35[e]	No sheen
	08/13/06		11.08	21.66	<0.5	<0.5	<0.5	<0.5	<50	<0.5	ND	No sheen
	10/20/06		11.58	21.16	<0.5	<0.5	<0.5	<0.5	<50	<0.5	ND	No sheen
	02/12/07		11.22	21.52	<0.5	<0.5	<0.5	<0.5	<50	<0.5	9.3[e]	No sheen
	04/25/07		11.43	21.31	<0.5	<0.5	<0.5	<0.5	<50	<0.5	ND	No sheen

TABLE 1

GROUND WATER MONITORING DATA

Tesoro Station No. 67106
Former Beacon Station No. 3720
1088 Marina Boulevard
San Leandro, California

Monitoring Well	Date	Reference Elevation (ft) [a]	Depth to Ground Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)	Oxygenates (µg/L)	Comments
MW-7	03/12/98	31.20	10.14	21.06	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No sheen
	05/28/98		10.93	20.27	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No sheen
	08/31/98		12.01	19.19	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No sheen
	11/19/98		12.54	18.66	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No sheen
	03/15/99		10.94	20.26	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No sheen
	06/07/99		12.05	19.15	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No sheen
	09/07/99		12.67	18.53	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No sheen
	12/13/99		12.73	18.47	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No sheen
	03/08/00		10.90	20.30	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No sheen
	06/12/00		12.61	18.59	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No sheen
	11/15/00		13.06	18.14	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	No sheen
	02/27/01		11.85	19.35	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	No sheen
	05/22/01		12.31	18.89	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	No sheen
	09/05/01		12.85	18.35	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	No sheen
	11/07/01		12.75	18.45	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	No sheen
	02/11/02	33.64	NM	NC	NS	NS	NS	NS	NS	NS	NS	
	06/03/02		12.58	21.06	<0.5	<0.5	<0.5	<0.5	<50	0.95	NA	No sheen
	08/06/02		12.93	20.71	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	No sheen
	11/14/02		13.04	20.60	<0.5	<0.5	<0.5	<0.5	<50	<0.5	ND	No sheen
	02/20/03		12.75	20.89	<0.5	<0.5	<0.5	<0.5	<50	<0.5	ND	No sheen
	05/15/03		12.45	21.19	<0.5	<0.5	<0.5	<0.5	<50	0.69	ND	No sheen
	07/31/03		12.80	20.84	<0.5	<0.5	<0.5	<0.5	<50	0.65	ND	No sheen
	10/28/03		NM	NC	NS	NS	NS	NS	NS	NS	NS	No sheen
	02/28/04		12.21	21.43	<0.5	<0.5	<0.5	<0.5	<50	<0.5	ND	No sheen
	04/16/04		12.26	21.38	<0.5	<0.5	<0.5	<0.5	<50	<0.5	ND	No sheen
	07/16/04		12.85	20.79	<0.5	<0.5	<0.5	<0.5	<50	<0.5	ND	No sheen
	11/13/04		13.01	20.79	<0.5	<0.5	<0.5	<0.5	<50	<0.5	ND	No sheen
	02/04/05		12.57	21.07	<0.5	<0.5	<0.5	<0.5	<50	<0.5	ND	No sheen
	04/08/05		11.82	21.82	<0.5	<0.5	<0.5	<0.5	<50	0.78	ND	No sheen
	08/10/05		12.44	21.20	<0.5	<0.5	<0.5	<0.5	<50	0.61	ND	No sheen
	11/05/05		12.91	20.73	<0.5	<0.5	<0.5	<0.5	<50	0.76	ND	No sheen
	01/13/06		11.51	22.13	<0.5	<0.5	<0.5	<0.5	<50	0.61	ND	No sheen
	05/12/06		11.37	22.27	<0.5	0.59	<0.5	<0.5	<50	0.57	15[e]	No sheen
	08/13/06		11.88	21.76	<0.5	<0.5	<0.5	<0.5	<50	<0.5	ND	No sheen
	10/20/06		12.32	21.32	<0.5	<0.5	<0.5	<0.5	<50	0.54	ND	No sheen
	02/12/07		12.21	21.43	<0.5	<0.5	<0.5	<0.5	<50	<0.5	ND	No sheen
	04/25/07		12.33	21.31	<0.5	<0.5	<0.5	<0.5	<50	<0.5	ND	No sheen

TABLE 1

GROUND WATER MONITORING DATA

Tesoro Station No. 67106
Former Beacon Station No. 3720
1088 Marina Boulevard
San Leandro, California

Monitoring Well	Date	Reference Elevation (ft) [a]	Depth to Ground Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)	Oxygenates (µg/L)	Comments
MW-8	03/12/98	33.80	11.81	21.99	1.4	<0.5	<0.5	<0.5	72	<5.0	NA	No sheen
	05/28/98		12.14	21.66	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No sheen
	08/31/98		13.16	20.64	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No sheen
	11/19/98		14.56	19.24	510	24	1,200	2,800	14,000	<5.0	NA	No sheen
	03/15/99		12.40	21.40	160	16	910	2,100	14,000	<50	NA	No sheen
	06/07/99		14.06	19.74	330	14	470	880	7,800	<50	NA	No sheen
	09/07/99		14.01	19.79	150	2.6	260	370	3,200	<5.0	NA	No sheen
	12/13/99		14.91	18.89	35	<5.0	280	730	6,700	<50	NA	No sheen
	03/08/00		11.85	21.95	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No sheen
	06/12/00		13.59	20.21	4.0	<0.5	4.9	2.1	140	<5.0	NA	No sheen
	11/15/00		14.94	18.86	2.0	<0.5	3.1	2.6	100	110	NA	No sheen
	02/27/01		NM	NC	NS	NS	NS	NS	NS	NS	NA	Tank Over Well
	05/22/01		NM	NC	NS	NS	NS	NS	NS	NS	NA	Tank Over Well
	09/05/01		14.68	19.12	160	<2.0	200	330	4,800	850	NA	No sheen
	11/07/01		15.10	18.70	1.1	<1.0	2.0	6.1	<100	590	NA	No sheen
	02/11/02	36.08	14.06	22.02	7.9	<5.0	16	22	<500	1,700	NA	No sheen
	06/03/02		14.25	21.83	20.0	<2.0	19	35	550	650	NA	No sheen
	08/06/02		14.55	21.53	220	<2.0	170	280	4,800	1,000	NA	No sheen
	11/14/02		14.73	21.35	250	<2.5	160	220	4,800	1,200	47[c]	No sheen
	02/20/03		13.81	22.27	17	<1.0	19	42	760	520	16[c]	No sheen
	05/15/03		13.68	22.40	14	<0.5	16	23	690	370	0.79[b], 10[c]	No sheen
	07/31/03		14.54	21.54	29	<1.0	15	18	700	380	36[c]	No sheen
	10/28/03		15.09	20.99	87	<1.0	34	40	2,000	490	130[c]	No sheen
	02/28/04		13.45	22.63	21	<0.5	15	49	1,100	200	110[c]	No sheen
	04/16/04		14.19	21.89	57	<0.5	52	75	2,900	300	140[c]	No sheen
	07/16/04		14.76	21.32	32	<0.5	34	51	2,000	92	67[c]	No sheen
	11/13/04		14.91	21.32	30	0.64	84	92	4,100	61	76[c]	No sheen
	02/04/05		14.09	21.99	27	<0.5	65	92	2,700	56	38[c]	No sheen
	04/08/05		13.11	22.97	1.1	<0.5	<0.5	<0.5	81	6.9	ND	No sheen
	08/10/05		14.20	21.88	14	<0.5	26	22	2,000	27	22[c]	No sheen
	11/05/05		14.79	21.29	9.7	<0.5	54	67	2,300	15	21[c]	No sheen
	01/13/06		13.24	22.84	<0.5	<0.5	<0.5	0.51	52	0.58	ND	No sheen
	05/12/06		12.97	23.11	<0.5	<0.5	<0.5	<0.5	<50	<0.5	90[d], 91[e]	No sheen
	08/13/06		13.83	22.25	0.51	<0.5	0.84	0.51	77	6.1	ND	No sheen
	10/20/06		14.33	21.75	1.1	<0.5	1.8	0.94	100	5.8	6.5[c]	No sheen
	02/12/07		13.73	22.35	<0.5	<0.5	<0.5	4.5	69	4.2	14[e]	No sheen
	04/25/07		14.19	21.89	<0.5	<0.5	<0.5	<0.5	<50	3.5	ND	No sheen

TABLE 1

GROUND WATER MONITORING DATA

Tesoro Station No. 67106
Former Beacon Station No. 3720
1088 Marina Boulevard
San Leandro, California

Monitoring Well	Date	Reference Elevation (ft) [a]	Depth to Ground Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)	Oxygenates (µg/L)	Comments
MW-9	03/12/98	32.56	10.93	21.63	320	23	180	720	3,700	190	NA	No sheen
	05/28/98		11.31	21.25	110	6.4	87	300	2,200	220	NA	No sheen
	08/31/98		12.16	20.40	240	23	690	1,900	11,000	<50	NA	No sheen
	11/19/98		11.04	21.52	7.7	<0.5	10	22	280	67	NA	No sheen
	03/15/99		11.81	20.75	<0.5	<0.5	<0.5	1.2	<50	<5.0	NA	No sheen
	06/07/99		12.21	20.35	9.3	0.86	9.7	12	340	<5.0	NA	No sheen
	09/07/99		10.10	22.46	0.76	<0.5	1.9	0.8	72	9.9	NA	No sheen
	12/13/99		13.64	18.92	<0.5	<0.5	<0.5	<0.5	60	<5.0	NA	No sheen
	03/08/00		10.88	21.68	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No sheen
	06/12/00		12.50	20.06	0.9	<0.5	2.7	1.3	640	10	NA	No sheen
	11/15/00		13.60	18.96	<0.5	<0.5	0.69	<0.5	200	12	NA	No sheen
	02/27/01		12.15	20.41	0.61	<0.5	2.2	1.2	360	42	NA	No sheen
	05/22/01		13.20	19.36	0.57	<0.5	2.1	0.61	330	290	NA	No sheen
	09/05/01		13.10	19.46	<2.0	<2.0	<2.0	<2.0	<200	1,100	NA	No sheen
	11/07/01		13.85	18.71	1.0	<1.0	<1.0	<1.0	230	510	NA	No sheen
	02/11/02	34.63	12.98	21.65	<0.5	<0.5	<0.5	<0.5	<50	41	NA	No sheen
	06/03/02		12.48	22.15	<0.5	<0.5	<0.5	<0.5	<50	55	NA	No sheen
	08/06/02		13.16	21.47	<0.5	<0.5	<0.5	<0.5	<50	65	NA	No sheen
	11/14/02		13.15	21.48	<0.5	<0..5	<0.5	<0.5	<50	47	ND	No sheen
	02/20/03		12.46	22.17	<0.5	<0.5	<0.5	<0.5	<50	28	ND	No sheen
	05/15/03		12.26	22.37	<0.5	<0.5	<0.5	<0.5	<50	8.9	ND	No sheen
	07/31/03		12.94	21.69	<0.5	<0.5	<0.5	<0.5	<50	0.85	ND	No sheen
	10/28/03		13.83	20.80	<0.5	<0.5	<0.5	<0.5	<50	0.76	ND	No sheen
	02/28/04		12.59	22.04	<0.5	<0.5	<0.5	<0.5	<50	<0.5	ND	No sheen
	04/16/04		13.04	21.59	<0.5	<0.5	<0.5	<0.5	53	<0.5	ND	No sheen
	07/16/04		13.52	21.11	<0.5	<0.5	<0.5	<0.5	56	<0.5	ND	No sheen
	11/13/04		13.68	21.11	<0.5	<0.5	<0.5	<0.5	<50	<0.5	ND	No sheen
	02/04/05		13.04	21.59	<0.5	<0.5	<0.5	<0.5	90	<0.5	ND	No sheen
	04/08/05		12.17	22.46	<0.5	<0.5	<0.5	<0.5	150	<0.5	ND	No sheen
	08/10/05		13.04	21.59	<0.5	<0.5	0.76	<0.5	260	<0.5	ND	No sheen
	11/05/05		13.55	21.08	<0.5	<0.5	<0.5	<0.5	150	<0.5	ND	No sheen
	01/13/06		12.30	22.33	<0.5	<0.5	0.78	<0.5	280	<0.5	ND	No sheen
	05/12/06		5.45	NC	NS	NS	NS	NS	NS	NS	NS	Well Blocked
	08/13/06		12.66	21.97	<0.5	<0.5	1.7	<0.5	1,000	<0.5	ND	No sheen
	10/20/06		13.14	21.49	<0.5	<0.5	0.58	<0.5	490	<0.5	ND	No sheen
	02/12/07		12.73	21.90	<0.5	<0.5	<0.5	<0.5	<50	<0.5	ND	No sheen
	04/25/07		12.95	21.68	<0.5	<0.5	<0.5	<0.5	<50	1.4	ND	No sheen

a =Referenced to mean sea level.
b =tert-amyl methyl ether
c = tert-butanol
d = methanol
e = ethanol

TPH = Total petroleum hydrocarbons.

MTBE = Methyl tertiary butyl ether.

µg/L = Micrograms per liter.

Oxygenates = methyl-t-butyl ether, diisopropyl ether, ethyl-t-butyl ether, tert-amyl methyl ether, tert-butanol, 1,2-dichloroethane, 1,2-dibromoethane

TABLE 2

MNA MONITORING

Tesoro Station No. 67106
Former Beacon Station No. 3720
1088 Marina Boulevard
San Leandro, California

Monitoring Well	Date	pH	D.O. (ppm)	ORP	Specific Conductivity	Temperature	Dissolved CO_2 (ppm)	Ferrous Iron (Fe^{+2})	Total Alkalinity (ppm)	Total Organic Carbon (ppm)	Total Iron (ppm)
MW-1	05/12/06	7.01	2.97	-23	277	18.3	41	0.6	120	11	1.36
	08/13/06	6.97	1.11	-84	227	66.6	26	1.2	94	2.7	14.7
		6.88	1.07	-81	232	67.6		1.4			
		6.84	1.00	-89	228	66.3		1.4			
	10/20/06	6.87	0.17	131	233	71.9	19	0.6	94	2.5	0.83
		6.87	0.26	146	237	71.9		0.6			
		6.86	0.18	152	238	71.7		0.6			
	02/12/07	7.17	2.16	-48	243	65.2	18	0.8	102	2.1	0.258
		7.21	2.22	-50	247	65.4		0.8			
		7.19	2.24	-52	255	65.5		0.6			
	04/25/07	7.05	0.50	-122	185	63.5	28	0.6	74	2.3	0.977
		7.00	0.48	-126	186	64.0		0.6			
		6.98	0.53	-132	186	64.1		0.6			
MW-2	05/12/06	7.38	7.51	82	332	18.1	59	0.0	68	3.9	0.703
	08/13/06	6.70	0.65	-113	239	72.8	26	2.0	120	3.2	25.5
		6.71	0.67	-119	240	73.0		1.8			
		6.71	0.72	-120	239	73.2		1.8			
	10/20/06	6.93	0.06	132	272	72.1	24	1.2	120	3.3	21.4
		6.85	0.04	140	267	72.3		1.2			
		6.82	0.04	138	267	72.5		1.2			
	02/12/07	6.98	0.48	-186	279	65.8	18	1.3	122	3.7	1.11
		6.93	0.51	-189	271	65.7		1.3			
		6.99	0.47	-195	268	65.8		1.3			
	04/25/07	7.00	0.67	-132	213	64.7	24	2.0	96	3.2	1.49
		6.96	0.72	-128	215	64.7		2.0			
		6.97	0.73	-126	216	64.8		2.0			
MW-3	05/12/06	6.84	2.21	-48	283	19.1	42	1.0	76	3.8	1.23
	08/13/06	6.82	0.51	-199	276	69.4	20	1.6	94	2.4	3.47
		6.79	0.52	-185	274	71.9		1.4			
		6.72	0.47	-183	262	72.5		1.4			
	10/20/06	6.87	0.58	-32	297	75.1	21	0.6	118	2.5	2.65
		6.80	0.62	-38	298	75.9		0.6			
		6.78	0.63	-33	301	76.2		0.6			
	02/12/07	6.94	0.70	-172	302	66.3	22	0.6	144	2.4	0.959
		6.90	0.71	-181	301	66.5		0.6			
		6.77	0.68	-183	297	66.3		0.6			
	04/25/07	7.11	0.91	-124	307	65.5	32	1.4	144	2.3	0.977
		7.02	0.87	-126	303	65.6		1.4			
		6.98	0.93	-132	304	65.4		1.4			

TABLE 2

MNA MONITORING

Tesoro Station No. 67106
Former Beacon Station No. 3720
1088 Marina Boulevard
San Leandro, California

Monitoring Well	Date	pH	D.O. (ppm)	ORP	Specific Conductivity	Temperature	Dissolved CO_2 (ppm)	Ferrous Iron (Fe^{+2})	Total Alkalinity (ppm)	Total Organic Carbon (ppm)	Total Iron (ppm)
MW-4	05/12/06	7.59	9.65	40	534	19.8	3.9	0.0	190	2.4	95
	08/13/06	7.08	2.41	-14	509	68.5	20	NM	180	3.7	308
		7.04	2.86	-17	475	68.2		NM			
		7.17	2.88	-14	499	68.0		NM			
	10/20/06	6.99	0.56	92	630	74.0	29	0.0	198	3.5	105
		7.00	0.44	94	622	73.9		0.0			
		7.03	0.54	91	642	75.1		0.0			
	02/12/07	7.02	1.04	-28	665	66.5	31	0.3	334	3.8	0.689
		7.02	1.07	-29	658	66.6		0.3			
		7.14	1.03	-28	643	66.5		0.3			
	04/25/07	7.13	0.86	59	706	64.9	57	1.0	362	4.2	2.70
		7.05	0.88	61	719	65.0		1.0			
		7.02	0.87	63	713	65.0		1.0			
MW-5	05/12/06	7.28	22.41	173	538	20.0	12	0.0	250	1.90	0.36
	08/13/06	6.90	2.28	79	689	71.8	23	0.0	350	2.5	2.49
		6.86	2.16	75	668	72.7		0.0			
		6.87	1.92	7.2	659	72.0		0.0			
	10/20/06	6.98	1.28	88	776	70.2	53	0.0	344	2.6	8.73
		6.92	0.34	96	761	69.8		0.0			
		6.93	0.30	92	758	71.8		0.0			
		6.62	0.29	89	756	72.6		0.0			
	02/12/07	6.95	1.36	79	712	65.4	51	0.0	438	3.2	0.158
		6.94	1.36	80	727	65.5		0.0			
		6.97	1.42	82	768	65.3		0.0			
	04/25/07	7.05	0.47	38	905	64.6	86	1.6	500	3.6	0.317
		7.04	0.46	39	903	64.8		1.6			
		7.05	0.42	38	903	64.9		1.6			
MW-6	05/12/06	7.02	4.30	53	1079	17.9	160	0.2	510	3.9	<0.1
	08/13/06	6.87	2.58	47	1067	67.7	81	0.0	480	4.9	<0.1
		6.91	2.36	44	1045	67.1		0.0			
		6.86	2.42	42	1052	66.9		0.0			
	10/20/06	7.07	3.58	-73	1120	68.5	100	0.2	500	5.0	1.04
		7.04	3.12	-86	1150	68.9		0.0			
		6.97	3.46	-62	1115	69.1		0.2			
	02/12/07	6.81	3.29	48	1005	63.4	78	0.0	496	4.9	<0.10
		6.87	3.84	48	1025	63.1		0.0			
		6.97	3.74	80	1027	63.2		0.0			
	04/25/07	7.01	3.56	94	1018	63.4	93	0.4	478	4.5	<0.10
		7.04	3.51	92	995	63.6		0.4			
		7.03	3.46	97	1005	63.5		0.4			

TABLE 2

MNA MONITORING

Tesoro Station No. 67106
Former Beacon Station No. 3720
1088 Marina Boulevard
San Leandro, California

Monitoring Well	Date	pH	D.O. (ppm)	ORP	Specific Conductivity	Temperature	Dissolved CO_2 (ppm)	Ferrous Iron (Fe^{+2})	Total Alkalinity (ppm)	Total Organic Carbon (ppm)	Total Iron (ppm)
MW-7	05/12/06	7.04	2.02	12	425	20.1	65	0.0	170	2.1	<0.1
	08/13/06	6.73	0.86	44	455	70.0	42	0.0	180	2.0	0.732
		6.68	0.91	43	455	70.4		0.0			
		6.66	0.96	46	458	7.09		0.0			
	10/20/06	7.07	2.92	130	467	69.4	50	0.0	188	1.9	0.44
		6.87	3.13	142	492	70.3		0.0			
		6.84	3.07	126	493	71.8		0.0			
	02/12/07	7.01	1.06	56	454	63.1	36	0.0	178	2.3	0.143
		6.94	1.11	58	457	63.0		0.0			
		6.87	1.15	58	476	62.9		0.0			
	04/25/07	7.13	1.07	97	460	62.9	42	0.0	178	2.0	<0.10
		7.02	1.09	99	454	63.6		0.0			
		6.98	1.11	92	452	63.6		0.0			
MW-8	05/12/06	6.99	5.60	-13	846	18.9	87	0.0	290	2.90	<0.1
	08/13/06	6.86	0.89	-30	716	70.1	97	0.6	370	3.6	2.67
		6.86	0.84	-32	742	69.9		0.6			
		6.86	0.80	-35	787	70.9		0.6			
	10/20/06	6.91	0.07	49	714	68.6	110	0.5	368	3.1	3.56
		6.88	0.06	48	710	68.5		0.5			
		6.87	0.04	45	718	68.5		0.5			
	02/12/07	6.82	1.16	73	589	62.9	81	0.0	306	2.8	0.256
		6.80	1.08	73	590	63.1		0.0			
		6.84	1.12	73	602	63.8		0.0			
	04/25/07	7.02	0.81	85	591	62.6	86	2.4	286	2.0	0.59
		6.95	0.79	87	586	63.3		2.4			
		6.96	0.82	88	588	63.3		2.4			
MW-9	05/12/06	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/13/06	7.02	1.50	1.50	413	68.9	21	0.0	180	2.6	4.69
		7.01	1.99	1.99	410	68.9		0.0			
		6.99	2.16	2.16	412	68.9		0.0			
		6.98	2.18	2.18	416	68.8		0.0			
	10/20/06	7.06	0.11	97	429	73.1	23	0.0	178	3.2	14.4
		7.01	0.12	96	423	71.9		0.0			
		6.99	0.13	99	422	71.4		0.0			
	02/12/07	7.08	0.88	34	271	67.1	16	0.2	116	3.0	0.232
		7.04	0.83	34	267	67.1		0.2			
		7.04	0.79	33	272	67.2		0.2			
	04/25/07	7.03	1.12	-57	394	64.9	29	1.0	198	3.5	1.85
		7.00	1.23	-62	400	65.0		1.0			
		7.00	1.24	-56	403	65.0		1.0			

a =Referenced to mean sea level.
b =tert-amyl methyl ether
c = tert-butanol
d = methanol
e = ethanol

TABLE 2

MNA MONITORING

Tesoro Station No. 67106
Former Beacon Station No. 3720
1088 Marina Boulevard
San Leandro, California

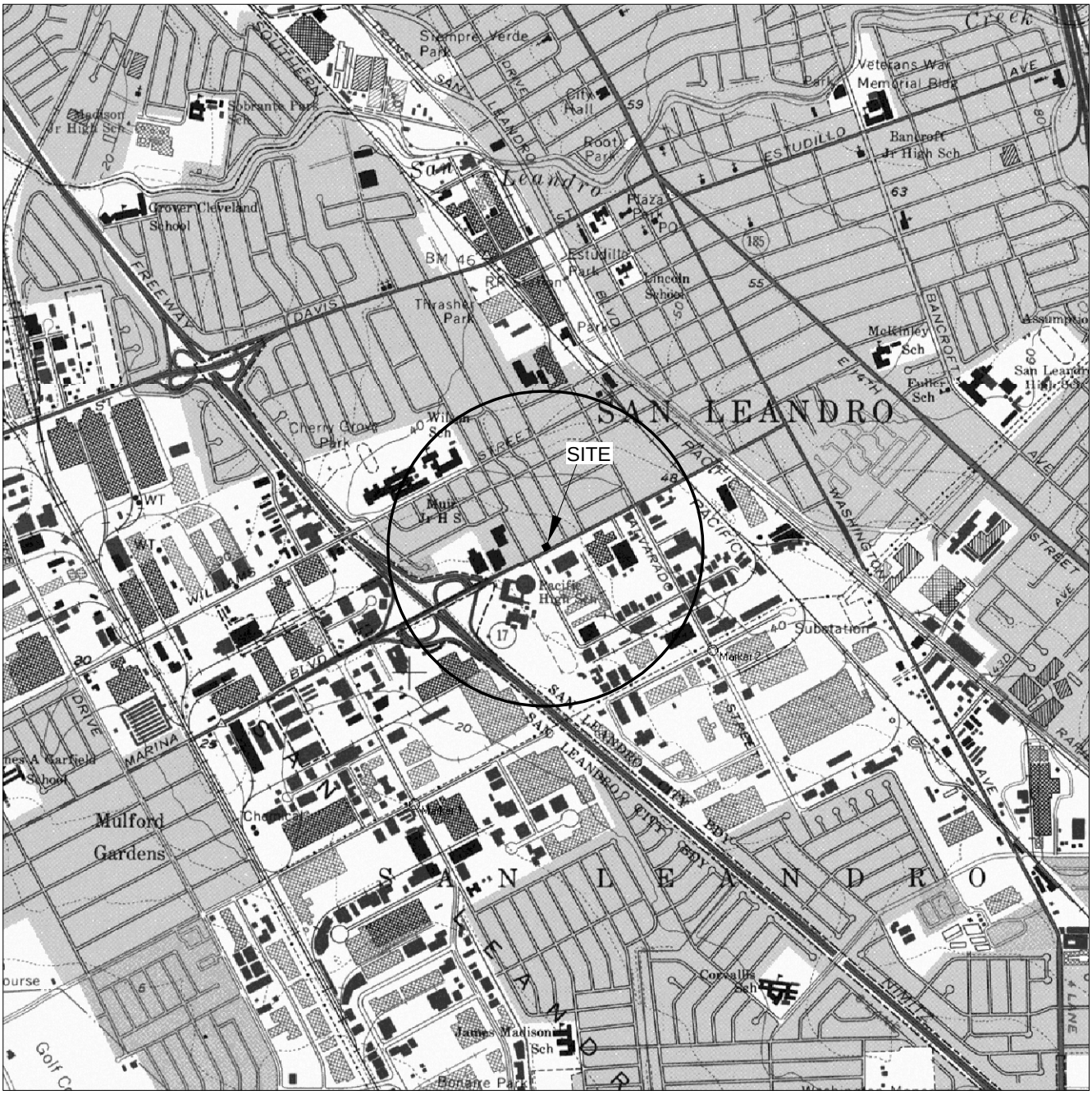
Monitoring Well	Date	pH	D.O. (ppm)	ORP	Specific Conductivity	Temperature	Dissolved CO_2 (ppm)	Ferrous Iron (Fe^{+2})	Total Alkalinity (ppm)	Total Organic Carbon (ppm)	Total Iron (ppm)

TPH = Total petroleum hydrocarbons.

MTBE = Methyl tertiary butyl ether.

µg/L = Micrograms per liter.

Oxygenates = methyl-t-butyl ether, diisopropyl ether, ethyl-t-butyl ether, tert-amyl methyl ether, tert-butanol, 1,2-dichloroethane, 1,2-dibromoethane



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

QUADRANGLE LOCATION

SCALE 1:24,000

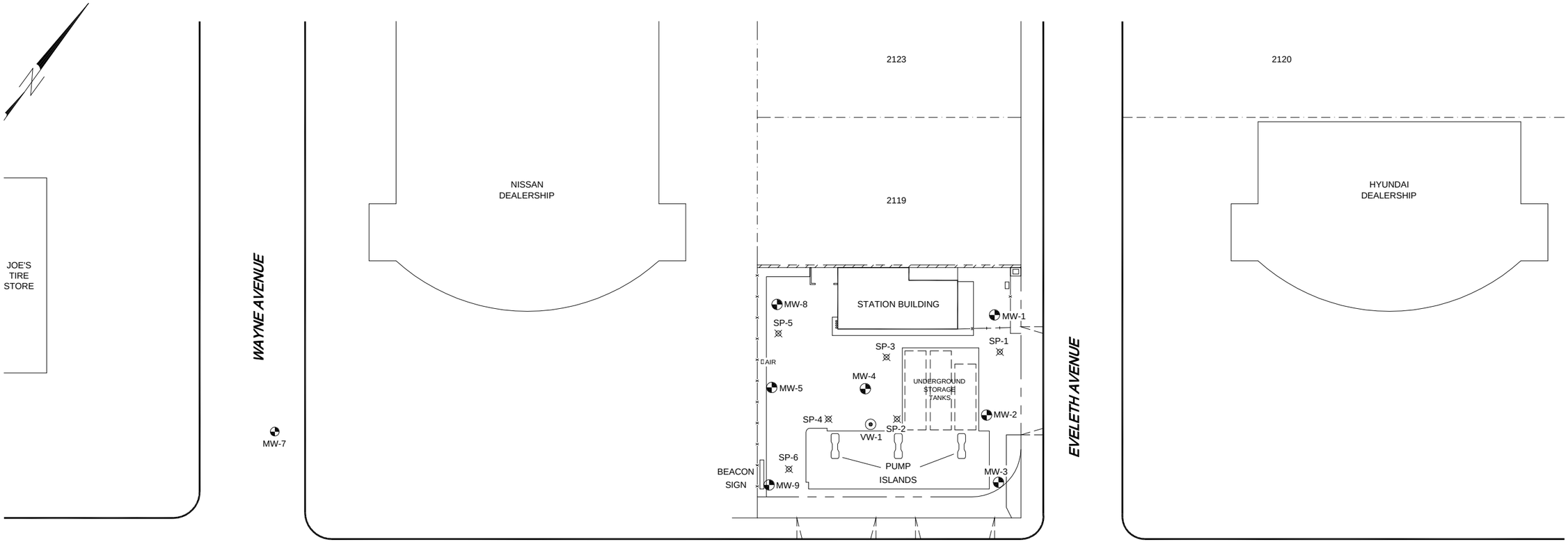
FIGURE 1

SITE LOCATION MAP

TESORO STATION NO. 67106
(FORMER BEACON STATION NO. 3720)
1088 MARINA BOULEVARD
SAN LEANDRO, CA.

PROJECT NO. 00-3720	DRAWN BY M.L. 12/18/01
FILE NO. 00-3720-1A	PREPARED BY RDM
REVISION NO. 1	REVIEWED BY

R D M Environmental



LEGEND:

—— — · ——	PROPERTY LINE
——x——x——	FENCE
MW-1	MONITORING WELL LOCATION
VW-1	VAPOR EXTRACTION WELL LOCATION
SP-1	AIR SPARGING WELL LOCATION

NOTES:

1. BASE MAP ADAPTED FROM FUGRO FIGURE DATED 10/24/95
   SITE DIMENSIONS AND FACILTY LOCATIONS NOT VERIFIED.
2. MONITORING WELLS MW-6 AND MW-7 ARE OFF-SITE.

0 40 FT

APPROX. SCALE

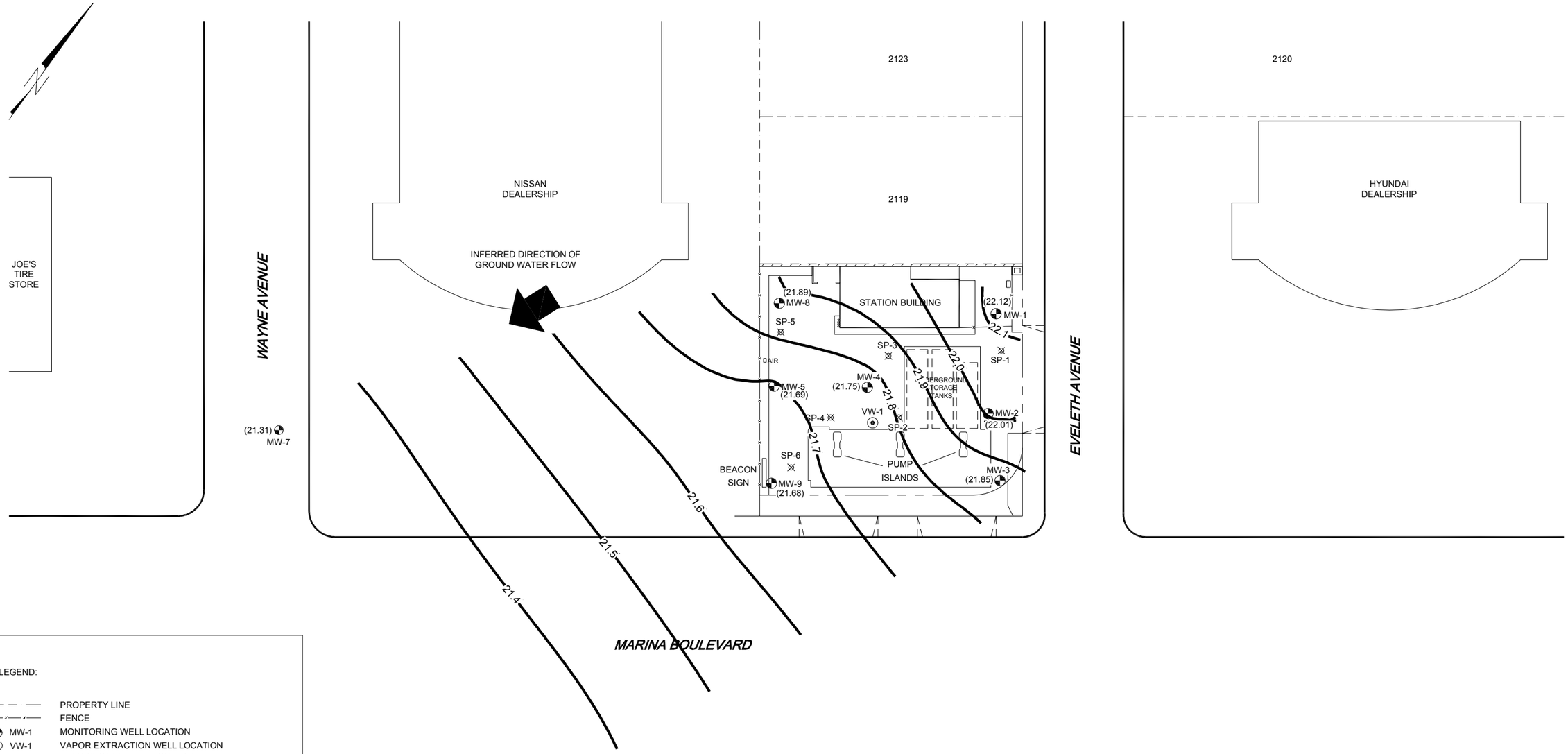
FIGURE 2

SITE MAP

TESORO STATION NO. 67106
(FORMER BEACON STATION NO. 3720)
1088 MARINA BOULEVARD
SAN LEANDRO, CA.

PROJECT NO. 00-3720	DRAWN BY M.L. 5/19/04
FILE NO. 00-3720-11	PREPARED BY RDM
REVISION NO. 1	REVIEWED BY

RDM Environmental



LEGEND:

— — —	PROPERTY LINE
—x—x—	FENCE
MW-1	MONITORING WELL LOCATION
VW-1	VAPOR EXTRACTION WELL LOCATION
SP-1	AIR SPARGING WELL LOCATION
(22.12)	GROUND WATER ELEVATION IN FEET RELATIVE TO MEAN SEA LEVEL
22.6	WATER ELEVATION CONTOUR IN FEET RELATIVE TO MEAN SEA LEVEL

0 40 FT

APPROX. SCALE

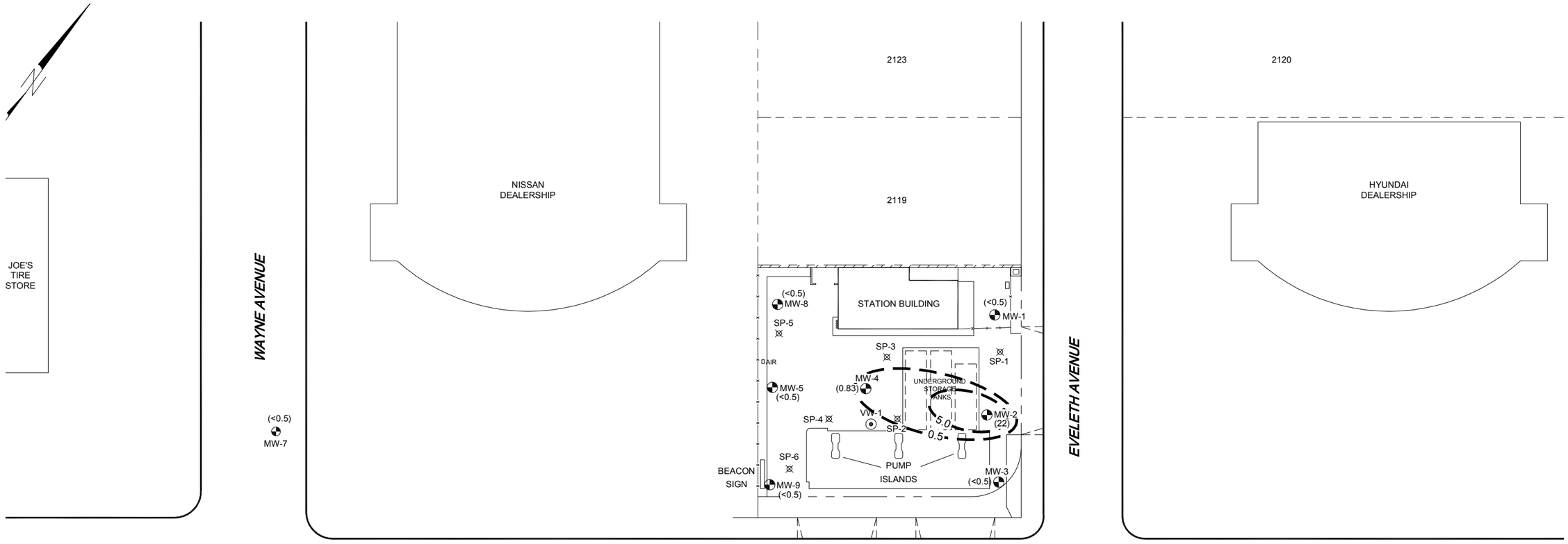
NOTES:

1. BASE MAP ADAPTED FROM FUGRO FIGURE DATED 10/24/95 SITE DIMENSIONS AND FACILTY LOCATIONS NOT VERIFIED.
2. MONITORING WELLS MW-6 AND MW-7 ARE OFF-SITE.

FIGURE 3
GROUND WATER ELEVATION CONTOUR MAP
4/25/07
TESORO STATION NO. 67106
(FORMER BEACON STATION NO. 3720)
1088 MARINA BOULEVARD
SAN LEANDRO, CA.

PROJECT NO. 00-3720	DRAWN BY M.L. 6/5/07
FILE NO. 00-3720-11	PREPARED BY RDM
REVISION NO. 1	REVIEWED BY

RDM Environmental



LEGEND:

— — —	PROPERTY LINE
—x—x—	FENCE
MW-1	MONITORING WELL LOCATION
VW-1	VAPOR EXTRACTION WELL LOCATION
SP-1	AIR SPARGING WELL LOCATION
(22)	BENZENE CONCENTRATION IN MICROGRAMS PER LITER (ug/L)
0.5	BENZENE ISOCONCENTRATION CONTOUR

NOTES:

1. BASE MAP ADAPTED FROM FUGRO FIGURE DATED 10/24/95 SITE DIMENSIONS AND FACILTY LOCATIONS NOT VERIFIED.
2. MONITORING WELLS MW-6 AND MW-7 ARE OFF-SITE.

0 40 FT

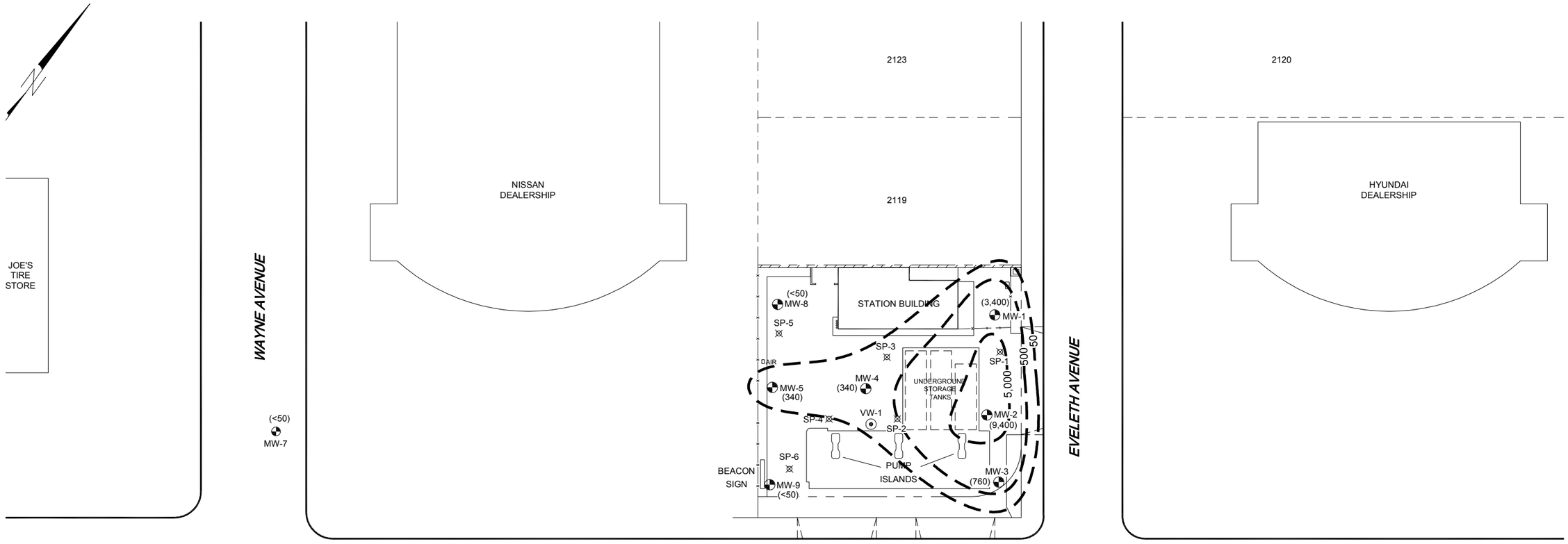
APPROX. SCALE

FIGURE 4
BENZENE ISO-CONCENTRATION MAP
4/25/07

TESORO STATION NO. 67106
(FORMER BEACON STATION NO. 3720)
1088 MARINA BOULEVARD
SAN LEANDRO, CA.

PROJECT NO. 00-3720	DRAWN BY M.L. 6/5/07
FILE NO. 00-3720-11	PREPARED BY RDM
REVISION NO. 1	REVIEWED BY

RDM Environmental



LEGEND:

—— — ——	PROPERTY LINE
——x——x——	FENCE
MW-1	MONITORING WELL LOCATION
VW-1	VAPOR EXTRACTION WELL LOCATION
SP-1	AIR SPARGING WELL LOCATION
(9,400)	TPHg CONCENTRATION IN MICROGRAMS PER LITER (ug/L)
500	TPHg ISOCONCENTRATION CONTOUR

NOTES:

1. BASE MAP ADAPTED FROM FUGRO FIGURE DATED 10/24/95 SITE DIMENSIONS AND FACILTY LOCATIONS NOT VERIFIED.
2. MONITORING WELLS MW-6 AND MW-7 ARE OFF-SITE.

0 40 FT

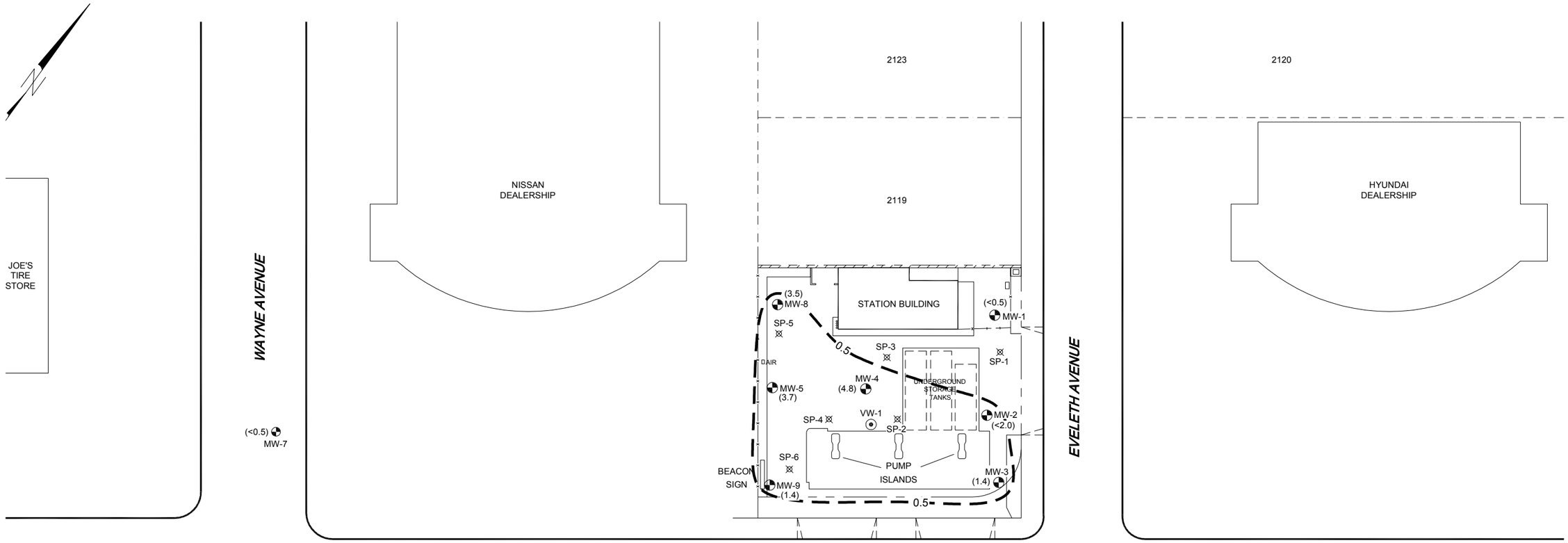
APPROX. SCALE

FIGURE 5
TPHg ISOCONCENTRATION MAP
4/25/07

TESORO STATION NO. 67106
(FORMER BEACON STATION NO. 3720)
1088 MARINA BOULEVARD
SAN LEANDRO, CA.

PROJECT NO. 00-3720	DRAWN BY M.L. 6/5/07
FILE NO. 00-3720-11	PREPARED BY RDM
REVISION NO. 1	REVIEWED BY

RDM Environmental



LEGEND:

— — —	PROPERTY LINE
—x—x—	FENCE
MW-1	MONITORING WELL LOCATION
VW-1	VAPOR EXTRACTION WELL LOCATION
SP-1	AIR SPARGING WELL LOCATION
(4.8)	MTBE CONCENTRATION IN MICROGRAMS PER LITER (ug/L)
0.5	MTBE ISOCONCENTRATION CONTOUR

NOTES:

1. BASE MAP ADAPTED FROM FUGRO FIGURE DATED 10/24/95 SITE DIMENSIONS AND FACILTY LOCATIONS NOT VERIFIED.
2. MONITORING WELLS MW-6 AND MW-7 ARE OFF-SITE.

0 40 FT

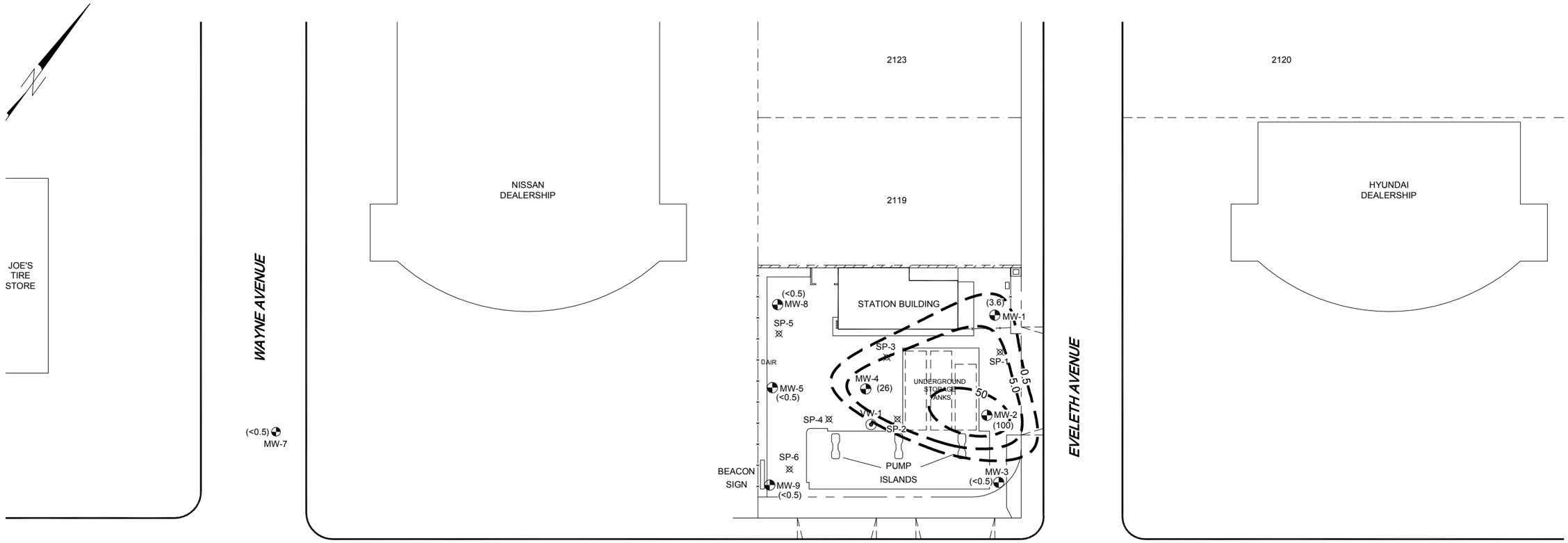
APPROX. SCALE

FIGURE 6
MTBE ISOCONCENTRATION MAP
4/25/07

TESORO STATION NO. 67106
(FORMER BEACON STATION NO. 3720)
1088 MARINA BOULEVARD
SAN LEANDRO, CA.

PROJECT NO. 00-3720	DRAWN BY M.L. 6/5/07
FILE NO. 00-3720-11	PREPARED BY RDM
REVISION NO. 1	REVIEWED BY

RDM Environmental



LEGEND:

—— — ——	PROPERTY LINE
——x——x——	FENCE
MW-1	MONITORING WELL LOCATION
VW-1	VAPOR EXTRACTION WELL LOCATION
SP-1	AIR SPARGING WELL LOCATION
(100)	XYLENES CONCENTRATION IN MICROGRAMS PER LITER (ug/L)
5.0	XYLENES ISOCONCENTRATION CONTOUR

NOTES:

1. BASE MAP ADAPTED FROM FUGRO FIGURE DATED 10/24/95 SITE DIMENSIONS AND FACILTY LOCATIONS NOT VERIFIED.
2. MONITORING WELLS MW-6 AND MW-7 ARE OFF-SITE.

0 40 FT

APPROX. SCALE

FIGURE 7
XYLENES ISOCONCENTRATION MAP
4/25/07

TESORO STATION NO. 67106
(FORMER BEACON STATION NO. 3720)
1088 MARINA BOULEVARD
SAN LEANDRO, CA.

PROJECT NO. 00-3720	DRAWN BY M.L. 6/5/07
FILE NO. 00-3720-11	PREPARED BY RDM
REVISION NO. 1	REVIEWED BY

RDM Environmental

Appendix A

Ground Water Sampling Data Sheets –
Quarterly Ground Water Samples

RDM ENVIRONMENTAL

GROUND WATER LEVEL DATA

Project Address: Tesoro Station 67106
1088 Marina Blvd., San Leandro, CA

Date: 4/25/2007

Technicians : MJ/DH

Project Number: 02-67106

Well Number	Sample Order	Time	Depth to Water	Total Depth	Depth to Product	Product Thickness	Comments
MW-1	8	0801	13.35	27.24			2" 1126
MW-2	9	0803	13.10	22.31			2" 1146
MW-3	7	0759	12.99	28.4			2" 1102
MW-4	5	0755	13.58	27.45			2" 1016
MW-5	6	0757	13.40	28.8			2" 1041
MW-6	4	0751	11.43	14.86			2" 0955
MW-7	2	0745	12.33	25.45			2" 0903
MW-8	3	0748	14.19	28.05			2" ~~0855~~ 0930
MW-9	1	0742	12.95	24.6			4" 0835

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client:	Tesoro	Sample Data:	4/25/2007
Site:	Tesoro Station 67106	Project Number:	02-67106
	1088 Marina Blvd., San Leandro, CA	**Well Designation:**	mw-1
Signature:			

Well Box Condition/Traffic

Traffic Control	(Yes) No	Time:	0801 hours
Standing water	Yes (No)	above or below casing	
Top of well level	(Yes) No	Remark:	
Well cap & locked	Yes (No)	Remark:	o/s line
Height of Riser	6"		
Well Box	8" (12") 24"	Type of well box	CNI

Purging/Sampling Equipment

Purging -

2" Disposable Bailer		Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	
		Peristaltic pump	X

Sampling -

Disposable Bailer		Teflon Bailer		Disposable Tubing	X

Well Purging

Well Diameter:	2"	X	4"		6"		8"	
Purge Vol. Multiplier		0.16		0.65		1.47		2.61

Initial Measurement		Recharge Measurement		Calculated Purge	6.67
Time:	0801	Time:		Actual Purge	1.50
Depth of Well	27.24	Depth to Water			
Depth to Water	1335				

Sample

Start Purge 1109 Sample Time 1126

Time	Temperature	pH	E.C.	D.O.	ORP	Fe+2		Volume
1114	63.5	7.05	1985	0.50	-122	0.00		
1118	64.0	7.00	1986	0.44	-126	0.00		
1122	64.1	6.98	1986	0.53	-132	0.00		

Sample Appearance: Clear. Lock: N/A.

Equipment Replacement

Lock	N/A	Well Cap	ok	Bolts	ok	Box	ok

Remarks:

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client:	Tesoro	Sample Data:	4/25/2007
Site:	Tesoro Station 67106	Project Number:	02-67106
	1088 Marina Blvd., San Leandro, CA	**Well Designation:**	MW-2
Signature:			

Well Box Condition/Traffic

Traffic Control	(Yes) No	Time:	0603 hours
Standing water	Yes (No)	above or below casing	
Top of well level	(Yes) No	Remark:	
Well cap & locked	(Yes) No	Remark:	
Height of Riser	2"		
Well Box	8" (12") 24"	Type of well box	CNI

Purging/Sampling Equipment

Purging -

2" Disposable Bailer		Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	
		Peristaltic pump	X

Sampling -

Disposable Bailer		Teflon Bailer		Disposable Tubing	X

Well Purging

Well Diameter:	2" X	4"	6"	8"
Purge Vol. Multiplier	0.16	0.65	1.47	2.61

Initial Measurement		Recharge Measurement		Calculated Purge	4.47
Time:	0603	Time:		Actual Purge	4.50
Depth of Well	22.31	Depth to Water			
Depth to Water	13.10				

Sample

Start Purge: 1130 Sample Time: 1146

Time	Temperature	pH	E.C.	D.O.	ORP	Fe+2		Volume
1134	64.7	7.00	213	0.67	-132	2.0		
1138	64.7	6.96	215	0.72	-128	2.0		
1142	64.8	6.97	216	0.73	-126	2.0		

Sample Appearance: Clear. Lock: ok

Equipment Replacement

Lock	ok	Well Cap	ok	Bolts	-1	Box	ok

Remarks:

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client:	Tesoro	Sample Data:	4/25/2007
Site:	Tesoro Station 67106	Project Number:	02-67106
	1088 Marina Blvd., San Leandro, CA	**Well Designation:**	mw-3
Signature:			

Well Box Condition/Traffic

Traffic Control	(Yes) No	Time:	0759 hours
Standing water	Yes (No)	above or below casing	
Top of well level	(Yes) No	Remark:	
Well cap & locked	(Yes) No	Remark:	
Height of Riser	2"		
Well Box	8" (12") 24"	Type of well box	CNI

Purging/Sampling Equipment

Purging -

2" Disposable Bailer		Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	
		Peristaltic pump	X

Sampling -

Disposable Bailer		Teflon Bailer		Disposable Tubing	X

Well Purging

Well Diameter:	2" X	4"	6"	8"
Purge Vol. Multiplier	0.16	0.65	1.47	2.61

Initial Measurement		Recharge Measurement		Calculated Purge	7.40
Time:	0759	Time:		Actual Purge	1.50
Depth of Well	28.40	Depth to Water			
Depth to Water	12.99				

Sample

Start Purge 1046 Sample Time 1102

Time	Temperature	pH	E.C.	D.O.	ORP	Fe+2		Volume
1050	65.5	7.11	307	0.91	-124	1.4		
1054	65.6	7.02	303	0.87	-126	1.4		
1058	65.4	6.98	304	0.93	-132	1.4		

Sample Appearance: Clear Lock: ok

Equipment Replacement

Lock: ok Well Cap: ok Bolts: ok Box: ok

Remarks:

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client:	Tesoro	Sample Data:	4/25/2007
Site:	Tesoro Station 67106	Project Number:	02-67106
	1088 Marina Blvd., San Leandro, CA	**Well Designation:**	MW-4
Signature:			

Well Box Condition/Traffic

Traffic Control	(Yes) No	Time:	0755 hours
Standing water	Yes (No)	above or below casing	
Top of well level	(Yes) No	Remark:	
Well cap & locked	Yes (No)	Remark:	O/S line
Height of Riser	2"		
Well Box	8" 12" (24")	Type of well box	Not Marked.

Purging/Sampling Equipment

Purging -

2" Disposable Bailer		Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	
		Peristaltic pump	X

Sampling -

Disposable Bailer		Teflon Bailer		Disposable Tubing	X

Well Purging

Well Diameter:	2" X	4"	6"	8"
Purge Vol. Multiplier	0.16	0.65	1.47	2.61

Initial Measurement		Recharge Measurement		Calculated Purge	6.66
Time:	0755	Time:		Actual Purge	2.00
Depth of Well	27.45	Depth to Water			
Depth to Water	13.56				

Sample

Start Purge 1000 Sample Time 1006

Time	Temperature	pH	E.C.	D.O.	ORP	Fe+2		Volume
1005	64.9	7.13	706	0.96	59	1.0		
1009	65.0	7.05	719	0.98	61	1.0		
1013	65.0	7.02	713	0.97	63	1.0		

Sample Appearance Clear. Lock N/A.

Equipment Replacement

Lock N/A Well Cap ok Bolts -2 Box ok

Remarks:

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client:	Tesoro	Sample Data:	4/25/2007
Site:	Tesoro Station 67106	Project Number:	02-67106
	1088 Marina Blvd., San Leandro, CA	**Well Designation:**	MW-5
Signature:			

Well Box Condition/Traffic

Traffic Control	(Yes) No	Time:	0757 hours
Standing water	Yes (No)	above or below casing	
Top of well level	(Yes) No	Remark:	
Well cap & locked	Yes (No)	Remark:	o/s lock
Height of Riser	2"		
Well Box	8" 12" (24")	Type of well box	Not marked

Purging/Sampling Equipment

Purging -

2" Disposable Bailer		Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	
		Peristaltic pump	X

Sampling -

Disposable Bailer		Teflon Bailer		Disposable Tubing	X

Well Purging

Well Diameter:	2"	X	4"		6"		8"	
Purge Vol. Multiplier		0.16		0.65		1.47		2.61

Initial Measurement		Recharge Measurement		Calculated Purge	7.39
Time:	0757	Time:		Actual Purge	2.00
Depth of Well	28.90	Depth to Water			
Depth to Water	13.40				

Sample

Start Purge: 1024 Sample Time: 1041

Time	Temperature	pH	E.C.	D.O.	ORP	Fe+2		Volume
1029	64.6	7.05	905	0.47	34	1.6		
1033	64.6	7.04	903	0.46	39	1.6		
1037	64.9	7.06	903	0.42	38	1.6		

Sample Appearance: Clear. Lock: N/A

Equipment Replacement

Lock	N/A	Well Cap	ok	Bolts	-4	Box	ok

Remarks:

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client:	Tesoro	Sample Data:	4/25/2007
Site:	Tesoro Station 67106	Project Number:	02-67106
	1088 Marina Blvd., San Leandro, CA	**Well Designation:**	MW-6
Signature:			

Well Box Condition/Traffic

Traffic Control	(Yes) No	Time:	0751 hours
Standing water	(Yes) No		(above) or below casing
Top of well level	(Yes) No	Remark:	
Well cap & locked	(Yes) No	Remark:	
Height of Riser	8"		
Well Box	8" (12") 24"	Type of well box	Pomeco

Purging/Sampling Equipment

Purging -

2" Disposable Bailer		Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	
		Peristaltic Pump.	X

Sampling -

Disposable Bailer		Teflon Bailer		Disposable Tubing	X

Well Purging

Well Diameter:	2"	X	4"		6"		8"	
Purge Vol. Multiplier		0.16		0.65		1.47		2.61

Initial Measurement		Recharge Measurement		Calculated Purge	1.65
Time:	0751	Time:		Actual Purge	1.50
Depth of Well	14.86	Depth to Water			
Depth to Water	11.43				

Sample

Start Purge 0937 Sample Time 0955

Time	Temperature	pH	E.C.	D.O.	ORP	Fe+2		Volume
0942	63.4	7.01	1014	3.56	94	0.4		
0946	63.6	7.04	995	3.51	92	0.4		
0950	63.5	7.03	1005	3.46	97	0.4		

Sample Appearance: Clear Lock: OK

Equipment Replacement

Lock: ok Well Cap: ok Bolts: -2 Box: ok

Remarks:

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client:	Tesoro	Sample Data:	4/25/2007
Site:	Tesoro Station 67106	Project Number:	02-67106
	1088 Marina Blvd., San Leandro, CA	**Well Designation:**	MW-7
Signature:			

Well Box Condition/Traffic

Traffic Control	(Yes) No	Time:	0745 hours
Standing water	Yes (No)	above or below casing	
Top of well level	(Yes) No	Remark:	
Well cap & locked	(Yes) No	Remark:	
Height of Riser	10"		
Well Box	8" (12") 24"	Type of well box	Pomeco.

Purging/Sampling Equipment

Purging -

2" Disposable Bailer		Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	
		Peristaltic pump	X

Sampling -

Disposable Bailer		Teflon Bailer		Disposable Tubing	X

Well Purging

Well Diameter:	2" X	4"	6"	8"
Purge Vol. Multiplier	0.16	0.65	1.47	2.61

Initial Measurement		Recharge Measurement		Calculated Purge	6.30
Time:	0745	Time:		Actual Purge	1.50
Depth of Well	25.45	Depth to Water			
Depth to Water	12.33				

Sample

Start Purge 0843 Sample Time 0903

Time	Temperature	pH	E.C.	D.O.	ORP	Fe+2		Volume
0848	62.9	7.13	460	1.07	97	0		
0853	63.6	7.02	454	1.09	99	0		
0858	63.6	6.98	452	1.11	92	0		

Sample Appearance Clear. Lock ok

Equipment Replacement

Lock	ok	Well Cap	ok	Bolts	-3	Box	ok

Remarks:

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client:	Tesoro	Sample Data:	4/25/2007
Site:	Tesoro Station 67106	Project Number:	02-67106
	1088 Marina Blvd., San Leandro, CA	**Well Designation:**	MW-8
Signature:			

Well Box Condition/Traffic

Traffic Control	(Yes) No	Time:	0748 hours
Standing water	Yes (No)	above or below casing	
Top of well level	(Yes) No	Remark:	
Well cap & locked	(Yes) No	Remark:	
Height of Riser	5"		
Well Box	8" (12") 24"	Type of well box	CNI

Purging/Sampling Equipment

Purging -

2" Disposable Bailer		Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	
		Peristaltic pump	X

Sampling -

Disposable Bailer		Teflon Bailer		Disposable Tubing	X

Well Purging

Well Diameter:	2" X	4"	6"	8"
Purge Vol. Multiplier	0.16	0.65	1.47	2.61

Initial Measurement		Recharge Measurement		Calculated Purge	6.65
Time:	0748	Time:		Actual Purge	1.50
Depth of Well	28.05	Depth to Water			
Depth to Water	14.19				

Sample

Start Purge: 0912 Sample Time: 0930

Time	Temperature	pH	E.C.	D.O.	ORP	Fe+2		Volume
0917	62.6	7.02	591	0.81	85	2.4		
0921	63.3	6.95	586	0.79	87	2.4		
0925	63.3	6.96	588	0.82	88	2.4		

Sample Appearance: Clear. Lock: ok

Equipment Replacement

Lock	ok	Well Cap	ok	Bolts	ok	Box	ok

Remarks:

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client:	Tesoro	Sample Data:	4/25/2007
Site:	Tesoro Station 67106	Project Number:	02-67106
	1088 Marina Blvd., San Leandro, CA	**Well Designation:**	MW - 9
Signature:			

Well Box Condition/Traffic

Traffic Control	Yes (No)	Time:	0742 hours
Standing water	Yes (No)	above or below casing	
Top of well level	Yes (No)	Remark:	
Well cap & locked	Yes (No)	Remark:	Missing lock.
Height of Riser	4"		
Well Box 8" 12" (24")		Type of well box	Not Marked.

Purging/Sampling Equipment

Purging -

2" Disposable Bailer		Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	
		Peristaltic pump	X

Sampling -

Disposable Bailer		Teflon Bailer		Disposable Tubing	X

Well Purging

Well Diameter:	2"	DH	4"	X	6"		8"
Purge Vol. Multiplier		0.16		0.65		1.47	2.61

Initial Measurement		Recharge Measurement		Calculated Purge	22.72
Time:	0742	Time:		Actual Purge	1.50
Depth of Well	24.60	Depth to Water			
Depth to Water	12.95				

Sample

Start Purge	0814	Sample Time	0835

Time	Temperature	pH	E.C.	D.O.	ORP	Fe+2		Volume
0819	64.9	[redacted]	394	1.12	-57	1.0		
0824	65.0	7.00	400	1.23	-62	1.0		
0829	65.0	7.00	403	1.24	-56	1.0		

Sample Appearance	Clear.	Lock	-1

Equipment Replacement

Lock	-1	Well Cap	ok	Bolts	1 Sheared -3	Box	ok

Remarks:

Appendix B

Official Laboratory Analytical Results –
Quarterly Ground Water Samples

KIFF Analytical LLC

Report Number : 56133
Date : 5/1/2007

Richard Munsch
RDM Environmental
6280 Brookshire Drive
Rocklin, CA 95677

Subject : 9 Water Samples
Project Name : 67106
Project Number : 67106

Dear Mr. Munsch,

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

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

Sincerely,

Joel Kiff

KIFF Analytical LLC

Report Number : 56133

Date : 5/1/2007

Project Name : **67106**

Project Number : **67106**

Sample : **MW-1** Matrix : Water Lab Number : 56133-01

Sample Date :4/26/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	4/27/2007
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	4/27/2007
Ethylbenzene	**15**	0.50	ug/L	EPA 8260B	4/27/2007
Total Xylenes	**3.6**	0.50	ug/L	EPA 8260B	4/27/2007
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	4/27/2007
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	4/27/2007
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	4/27/2007
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	4/27/2007
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	4/27/2007
Methanol	**< 50**	50	ug/L	EPA 8260B	4/27/2007
Ethanol	**< 5.0**	5.0	ug/L	EPA 8260B	4/27/2007
TPH as Gasoline	**3400**	50	ug/L	EPA 8260B	4/27/2007
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	4/27/2007
4-Bromofluorobenzene (Surr)	110		% Recovery	EPA 8260B	4/27/2007

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

KIFF Analytical LLC

Report Number : 56133

Date : 5/1/2007

Project Name : **67106**

Project Number : **67106**

Sample : **MW-2** Matrix : Water Lab Number : 56133-02

Sample Date :4/26/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**22**	2.0	ug/L	EPA 8260B	4/27/2007
Toluene	**8.7**	2.0	ug/L	EPA 8260B	4/27/2007
Ethylbenzene	**620**	2.0	ug/L	EPA 8260B	4/27/2007
Total Xylenes	**100**	2.0	ug/L	EPA 8260B	4/27/2007
Methyl-t-butyl ether (MTBE)	**< 2.0**	2.0	ug/L	EPA 8260B	4/27/2007
Diisopropyl ether (DIPE)	**< 2.0**	2.0	ug/L	EPA 8260B	4/27/2007
Ethyl-t-butyl ether (ETBE)	**< 2.0**	2.0	ug/L	EPA 8260B	4/27/2007
Tert-amyl methyl ether (TAME)	**< 2.0**	2.0	ug/L	EPA 8260B	4/27/2007
Tert-Butanol	**< 9.0**	9.0	ug/L	EPA 8260B	4/27/2007
Methanol	**< 200**	200	ug/L	EPA 8260B	4/27/2007
Ethanol	**< 20**	20	ug/L	EPA 8260B	4/27/2007
TPH as Gasoline	**9400**	200	ug/L	EPA 8260B	4/27/2007
Toluene - d8 (Surr)	97.7		% Recovery	EPA 8260B	4/27/2007
4-Bromofluorobenzene (Surr)	97.8		% Recovery	EPA 8260B	4/27/2007

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

KIFF Analytical LLC

Report Number : 56133

Date : 5/1/2007

Project Name : **67106**

Project Number : **67106**

Sample : **MW-3** Matrix : Water Lab Number : 56133-03

Sample Date :4/26/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	4/28/2007
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	4/28/2007
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	4/28/2007
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	4/28/2007
Methyl-t-butyl ether (MTBE)	**1.4**	0.50	ug/L	EPA 8260B	4/28/2007
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	4/28/2007
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	4/28/2007
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	4/28/2007
Tert-Butanol	**6.1**	5.0	ug/L	EPA 8260B	4/28/2007
Methanol	**< 50**	50	ug/L	EPA 8260B	4/28/2007
Ethanol	**< 5.0**	5.0	ug/L	EPA 8260B	4/28/2007
TPH as Gasoline	**760**	50	ug/L	EPA 8260B	4/28/2007
Toluene - d8 (Surr)	99.2		% Recovery	EPA 8260B	4/28/2007
4-Bromofluorobenzene (Surr)	97.6		% Recovery	EPA 8260B	4/28/2007

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

KIFF Analytical LLC

Report Number : 56133

Date : 5/1/2007

Project Name : **67106**

Project Number : **67106**

Sample : **MW-4** Matrix : Water Lab Number : 56133-04

Sample Date :4/26/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**0.83**	0.50	ug/L	EPA 8260B	4/28/2007
Toluene	**4.6**	0.50	ug/L	EPA 8260B	4/28/2007
Ethylbenzene	**10**	0.50	ug/L	EPA 8260B	4/28/2007
Total Xylenes	**26**	0.50	ug/L	EPA 8260B	4/28/2007
Methyl-t-butyl ether (MTBE)	**4.8**	0.50	ug/L	EPA 8260B	4/28/2007
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	4/28/2007
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	4/28/2007
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	4/28/2007
Tert-Butanol	**6.0**	5.0	ug/L	EPA 8260B	4/28/2007
Methanol	**< 50**	50	ug/L	EPA 8260B	4/28/2007
Ethanol	**< 5.0**	5.0	ug/L	EPA 8260B	4/28/2007
TPH as Gasoline	**340**	50	ug/L	EPA 8260B	4/28/2007
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	4/28/2007
4-Bromofluorobenzene (Surr)	96.7		% Recovery	EPA 8260B	4/28/2007

Approved By: Joel Kiff

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KIFF Analytical LLC

Report Number : 56133

Date : 5/1/2007

Project Name : **67106**

Project Number : **67106**

Sample : **MW-5** Matrix : Water Lab Number : 56133-05

Sample Date :4/26/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	4/28/2007
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	4/28/2007
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	4/28/2007
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	4/28/2007
Methyl-t-butyl ether (MTBE)	**3.7**	0.50	ug/L	EPA 8260B	4/28/2007
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	4/28/2007
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	4/28/2007
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	4/28/2007
Tert-Butanol	**8.1**	5.0	ug/L	EPA 8260B	4/28/2007
Methanol	**< 50**	50	ug/L	EPA 8260B	4/28/2007
Ethanol	**< 5.0**	5.0	ug/L	EPA 8260B	4/28/2007
TPH as Gasoline	**340**	50	ug/L	EPA 8260B	4/28/2007
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	4/28/2007
4-Bromofluorobenzene (Surr)	98.1		% Recovery	EPA 8260B	4/28/2007

Approved By: Joel Kiff

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KIFF Analytical LLC

Report Number : 56133

Date : 5/1/2007

Project Name : **67106**

Project Number : **67106**

Sample : **MW-6** Matrix : Water Lab Number : 56133-06

Sample Date :4/26/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	4/28/2007
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	4/28/2007
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	4/28/2007
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	4/28/2007
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	4/28/2007
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	4/28/2007
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	4/28/2007
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	4/28/2007
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	4/28/2007
Methanol	**< 50**	50	ug/L	EPA 8260B	4/28/2007
Ethanol	**< 5.0**	5.0	ug/L	EPA 8260B	4/28/2007
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	4/28/2007
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	4/28/2007
4-Bromofluorobenzene (Surr)	97.2		% Recovery	EPA 8260B	4/28/2007

Approved By: Joel Kiff

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KIFF Analytical LLC

Report Number : 56133

Date : 5/1/2007

Project Name : **67106**

Project Number : **67106**

Sample : **MW-7** Matrix : Water Lab Number : 56133-07

Sample Date :4/26/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	4/28/2007
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	4/28/2007
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	4/28/2007
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	4/28/2007
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	4/28/2007
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	4/28/2007
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	4/28/2007
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	4/28/2007
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	4/28/2007
Methanol	**< 50**	50	ug/L	EPA 8260B	4/28/2007
Ethanol	**< 5.0**	5.0	ug/L	EPA 8260B	4/28/2007
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	4/28/2007
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	4/28/2007
4-Bromofluorobenzene (Surr)	99.8		% Recovery	EPA 8260B	4/28/2007

Approved By: Joel Kiff

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KIFF Analytical LLC

Report Number : 56133

Date : 5/1/2007

Project Name : **67106**

Project Number : **67106**

Sample : **MW-8** Matrix : Water Lab Number : 56133-08

Sample Date :4/26/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	4/28/2007
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	4/28/2007
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	4/28/2007
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	4/28/2007
Methyl-t-butyl ether (MTBE)	**3.5**	0.50	ug/L	EPA 8260B	4/28/2007
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	4/28/2007
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	4/28/2007
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	4/28/2007
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	4/28/2007
Methanol	**< 50**	50	ug/L	EPA 8260B	4/28/2007
Ethanol	**< 5.0**	5.0	ug/L	EPA 8260B	4/28/2007
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	4/28/2007
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	4/28/2007
4-Bromofluorobenzene (Surr)	98.8		% Recovery	EPA 8260B	4/28/2007

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

KIFF Analytical LLC

Report Number : 56133

Date : 5/1/2007

Project Name : **67106**

Project Number : **67106**

Sample : **MW-9** Matrix : Water Lab Number : 56133-09

Sample Date :4/26/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	4/28/2007
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	4/28/2007
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	4/28/2007
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	4/28/2007
Methyl-t-butyl ether (MTBE)	**1.4**	0.50	ug/L	EPA 8260B	4/28/2007
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	4/28/2007
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	4/28/2007
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	4/28/2007
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	4/28/2007
Methanol	**< 50**	50	ug/L	EPA 8260B	4/28/2007
Ethanol	**< 5.0**	5.0	ug/L	EPA 8260B	4/28/2007
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	4/28/2007
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	4/28/2007
4-Bromofluorobenzene (Surr)	97.0		% Recovery	EPA 8260B	4/28/2007

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

Report Number : 56133

Date : 5/1/2007

QC Report : Method Blank Data

Project Name : **67106**

Project Number : **67106**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	4/26/2007
Toluene	< 0.50	0.50	ug/L	EPA 8260B	4/26/2007
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	4/26/2007
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	4/26/2007
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	4/26/2007
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	4/26/2007
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	4/26/2007
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	4/26/2007
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	4/26/2007
Methanol	< 50	50	ug/L	EPA 8260B	4/26/2007
Ethanol	< 5.0	5.0	ug/L	EPA 8260B	4/26/2007
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	4/26/2007
Toluene - d8 (Surr)	100		%	EPA 8260B	4/26/2007
4-Bromofluorobenzene (Surr)	99.0		%	EPA 8260B	4/26/2007
Benzene	< 0.50	0.50	ug/L	EPA 8260B	4/27/2007
Toluene	< 0.50	0.50	ug/L	EPA 8260B	4/27/2007
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	4/27/2007
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	4/27/2007
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	4/27/2007
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	4/27/2007
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	4/27/2007
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	4/27/2007
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	4/27/2007
Methanol	< 50	50	ug/L	EPA 8260B	4/27/2007
Ethanol	< 5.0	5.0	ug/L	EPA 8260B	4/27/2007
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	4/27/2007
Toluene - d8 (Surr)	101		%	EPA 8260B	4/27/2007
4-Bromofluorobenzene (Surr)	99.2		%	EPA 8260B	4/27/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	4/27/2007
Toluene	< 0.50	0.50	ug/L	EPA 8260B	4/27/2007
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	4/27/2007
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	4/27/2007
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	4/27/2007
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	4/27/2007
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	4/27/2007
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	4/27/2007
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	4/27/2007
Methanol	< 50	50	ug/L	EPA 8260B	4/27/2007
Ethanol	< 5.0	5.0	ug/L	EPA 8260B	4/27/2007
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	4/27/2007
Toluene - d8 (Surr)	103		%	EPA 8260B	4/27/2007
4-Bromofluorobenzene (Surr)	104		%	EPA 8260B	4/27/2007

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

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

Report Number : 56133

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 5/1/2007

Project Name : **67106**

Project Number : **67106**

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	56110-07	<0.50	39.9	39.9	40.4	40.1	ug/L	EPA 8260B	4/26/07	101	100	0.705	70-130	25
Toluene	56110-07	<0.50	39.9	39.9	39.8	39.7	ug/L	EPA 8260B	4/26/07	99.6	99.5	0.141	70-130	25
Tert-Butanol	56110-07	5.4	200	200	192	190	ug/L	EPA 8260B	4/26/07	93.7	92.5	1.33	70-130	25
Methyl-t-Butyl Ether	56110-07	<0.50	39.9	39.9	40.8	41.0	ug/L	EPA 8260B	4/26/07	102	103	0.611	70-130	25
Benzene	56159-01	<0.50	39.8	39.9	38.8	38.9	ug/L	EPA 8260B	4/27/07	97.5	97.5	0.0668	70-130	25
Toluene	56159-01	<0.50	39.8	39.9	38.3	38.2	ug/L	EPA 8260B	4/27/07	96.2	95.7	0.568	70-130	25
Tert-Butanol	56159-01	<5.0	199	200	212	195	ug/L	EPA 8260B	4/27/07	106	97.6	8.50	70-130	25
Methyl-t-Butyl Ether	56159-01	<0.50	39.8	39.9	38.6	38.7	ug/L	EPA 8260B	4/27/07	97.0	96.9	0.0533	70-130	25
Benzene	56134-02	<0.50	40.0	40.0	39.3	38.3	ug/L	EPA 8260B	4/27/07	98.3	95.8	2.55	70-130	25
Toluene	56134-02	<0.50	40.0	40.0	40.4	39.5	ug/L	EPA 8260B	4/27/07	101	98.7	2.16	70-130	25
Tert-Butanol	56134-02	<5.0	200	200	214	209	ug/L	EPA 8260B	4/27/07	107	104	2.42	70-130	25
Methyl-t-Butyl Ether	56134-02	<0.50	40.0	40.0	44.9	41.9	ug/L	EPA 8260B	4/27/07	112	105	6.78	70-130	25

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

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

Report Number : 56133

QC Report : Laboratory Control Sample (LCS)

Date : 5/1/2007

Project Name : **67106**

Project Number : **67106**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	40.0	ug/L	EPA 8260B	4/26/07	100	70-130
Toluene	40.0	ug/L	EPA 8260B	4/26/07	99.7	70-130
Tert-Butanol	200	ug/L	EPA 8260B	4/26/07	87.1	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	4/26/07	103	70-130
Benzene	40.0	ug/L	EPA 8260B	4/27/07	96.5	70-130
Toluene	40.0	ug/L	EPA 8260B	4/27/07	98.7	70-130
Tert-Butanol	200	ug/L	EPA 8260B	4/27/07	96.3	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	4/27/07	84.3	70-130
Benzene	40.0	ug/L	EPA 8260B	4/27/07	94.8	70-130
Toluene	40.0	ug/L	EPA 8260B	4/27/07	99.4	70-130
Tert-Butanol	200	ug/L	EPA 8260B	4/27/07	104	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	4/27/07	104	70-130

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

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

KIFF Analytical LLC

Analysis Summary

Report Number : 56133

Date : 5/1/2007

Attention : Richard Munsch
RDM Environmental
6280 Brookshire Drive
Rocklin, CA 95677

Project Name :67106
Project Number : 67106

			Sample Name	MW-1		MW-2		MW-3		MW-4		MW-5		MW-6		MW-7		MW-8	
			Sample Date	4/26/2007		4/26/2007		4/26/2007		4/26/2007		4/26/2007		4/26/2007		4/26/2007		4/26/2007	
Analyte	Method	Units		MRL	Results	MRL	Results	MRL	Results	MRL	Results	MRL	Results	MRL	Results	MRL	Results	MRL	Results
Benzene	EPA 8260B	ug/L		0.50	ND	2.0	**22**	0.50	ND	0.50	**0.83**	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Toluene	EPA 8260B	ug/L		0.50	ND	2.0	**8.7**	0.50	ND	0.50	**4.6**	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Ethylbenzene	EPA 8260B	ug/L		0.50	**15**	2.0	**620**	0.50	ND	0.50	**10**	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Total Xylenes	EPA 8260B	ug/L		0.50	**3.6**	2.0	**100**	0.50	ND	0.50	**26**	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Methyl-t-butyl ether (MTBE)	EPA 8260B	ug/L		0.50	ND	2.0	ND	0.50	**1.4**	0.50	**4.8**	0.50	**3.7**	0.50	ND	0.50	ND	0.50	**3.5**
Diisopropyl ether (DIPE)	EPA 8260B	ug/L		0.50	ND	2.0	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Ethyl-t-butyl ether (ETBE)	EPA 8260B	ug/L		0.50	ND	2.0	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Tert-amyl methyl ether (TAME)	EPA 8260B	ug/L		0.50	ND	2.0	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Tert-Butanol	EPA 8260B	ug/L		5.0	ND	9.0	ND	5.0	**6.1**	5.0	**6.0**	5.0	**8.1**	5.0	ND	5.0	ND	5.0	ND
Methanol	EPA 8260B	ug/L		50	ND	200	ND	50	ND	50	ND	50	ND	50	ND	50	ND	50	ND
Ethanol	EPA 8260B	ug/L		5.0	ND	20	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND
TPH as Gasoline	EPA 8260B	ug/L		50	**3400**	200	**9400**	50	**760**	50	**340**	50	**340**	50	ND	50	ND	50	ND
Toluene - d8 (Surr)	EPA 8260B	%			102		97.7		99.2		101		100		101		102		102
4-Bromofluorobenzene (Surr)	EPA 8260B	%			110		97.8		97.6		96.7		98.1		97.2		99.8		98.8

MRL = Method Reporting Limit
ND = Not Detected

Approved By,

Joel Kiff

KIFF Analytical LLC

Analysis Summary

Report Number : 56133

Date : 5/1/2007

Attention : Richard Munsch
RDM Environmental
6280 Brookshire Drive
Rocklin, CA 95677

Project Name :67106
Project Number : 67106

			Sample Name	MW-9
			Sample Date	4/26/2007
Analyte	Method	Units	MRL	Results
Benzene	EPA 8260B	ug/L	0.50	ND
Toluene	EPA 8260B	ug/L	0.50	ND
Ethylbenzene	EPA 8260B	ug/L	0.50	ND
Total Xylenes	EPA 8260B	ug/L	0.50	ND
Methyl-t-butyl ether (MTBE)	EPA 8260B	ug/L	0.50	**1.4**
Diisopropyl ether (DIPE)	EPA 8260B	ug/L	0.50	ND
Ethyl-t-butyl ether (ETBE)	EPA 8260B	ug/L	0.50	ND
Tert-amyl methyl ether (TAME)	EPA 8260B	ug/L	0.50	ND
Tert-Butanol	EPA 8260B	ug/L	5.0	ND
Methanol	EPA 8260B	ug/L	50	ND
Ethanol	EPA 8260B	ug/L	5.0	ND
TPH as Gasoline	EPA 8260B	ug/L	50	ND
Toluene - d8 (Surr)	EPA 8260B	%		102
4-Bromofluorobenzene (Surr)	EPA 8260B	%		97.0

MRL = Method Reporting Limit
ND = Not Detected

Approved By,

Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800
ELAP # 2236

CALIFORNIA LABORATORY SERVICES

3249 Fitzgerald Road Rancho Cordova, CA 95742

May 03, 2007

CLS Work Order #: CQD1018
COC #: 56133

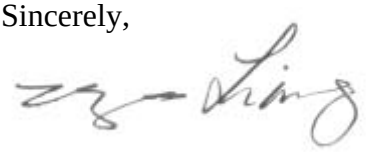
Troy Turpen
KIFF Analytical
2795 Second St. Suite 300
Davis, CA 95616

Project Name: 67106

Enclosed are the results of analyses for samples received by the laboratory on 04/26/07 13:16. Samples were analyzed pursuant to client request utilizing EPA or other ELAP approved methodologies. I certify that the results are in compliance both technically and for completeness.

Analytical results are attached to this letter. Please call if we can provide additional assistance.

Sincerely,



James Liang, Ph.D.
Laboratory Director

CA DOHS ELAP Accreditation/Registration number 1233

CALIFORNIA LABORATORY SERVICES

05/03/07 12:00

KIFF Analytical	Project: 67106	
2795 Second St. Suite 300	Project Number: 67106	**CLS Work Order #: CQD1018**
Davis, CA 95616	Project Manager: Troy Turpen	COC #: 56133

CQD1018

KIFF Analytical LLC

2795 Second Street, Suite 300
Davis, CA 95616
Ph: 530.297.4800
Fx: 530.297.4808

California Lab Services
3249 Fitzgerald Rd
Rancho Cordova CA 95742
Tel: (916) 638-7301 COC# 56133 Page 1 of 1

Chain-of-Custody Record and Analysis Request

EDF Report? __ Yes X No

Project Contact (Hardcopy or PDF to): Troy Turpen
Company/Address: Kiff Analytical, LLC
Phone No.: FAX No.:
Project Number: 67106 P.O. No.: 56133
Project Name: 67106
Project Address:
Sampling Company Log Code:
Global ID
EDF Deliverable to (Email Address):
E-mail address: inb[illegible]@kiffanalytical.com

Analysis Request

Sample Designation	Date	Time	# of Containers	Container: Plastic	Container: Glass	Container: Amber	Container: Glass, VOA	Preservative: HNO_3	Preservative: H_2SO_4	Preservative: $NaHSO_4$	Preservative: Other	Matrix: NONE	Matrix: WATER	Matrix: SOIL	Matrix: Other	Dissolved CO2 by SM4500-CO2D	Date due: May 3, 2007	For Lab Use Only
MW-1	4/25/07	11:26	1									1	X			X	X	
MW-2	4/25/07	11:46	1									1	X			X	X	
MW-3	4/25/07	11:02	1									1	X			X	X	
MW-4	4/25/07	10:16	1									1	X			X	X	
MW-5	4/25/07	10:41	1									1	X			X	X	
MW-6	4/25/07	09:55	1									1	X			X	X	
MW-7	4/25/07	9:03	1									1	X			X	X	
MW-8	4/25/07	9:30	1									1	X			X	X	
MW-9	4/25/07	8:35	1									1	X			X	X	

Relinquished by: [signature] KIFF Date 4/26/07 Time 1316 Received by:
Relinquished by: Date Time Received by:
Relinquished by: Date Time Received by: [signature]

Remarks:
Accounts Payable

4/26/07 1316 3°

KIFF Analytical
2795 Second St. Suite 300
Davis, CA 95616

Project: 67106
Project Number: 67106
Project Manager: Troy Turpen

CLS Work Order #: CQD1018
COC #: 56133

Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (CQD1018-01) Water	**Sampled: 04/25/07 11:26**	**Received: 04/26/07 13:16**							
Carbon Dioxide as CO2	**28**	5.0	mg/L	1	CQ03632	04/27/07	04/27/07	SM 4500C	
MW-2 (CQD1018-02) Water	**Sampled: 04/25/07 11:46**	**Received: 04/26/07 13:16**							
Carbon Dioxide as CO2	**24**	5.0	mg/L	1	CQ03632	04/27/07	04/27/07	SM 4500C	
MW-3 (CQD1018-03) Water	**Sampled: 04/25/07 11:02**	**Received: 04/26/07 13:16**							
Carbon Dioxide as CO2	**32**	5.0	mg/L	1	CQ03632	04/27/07	04/27/07	SM 4500C	
MW-4 (CQD1018-04) Water	**Sampled: 04/25/07 10:16**	**Received: 04/26/07 13:16**							
Carbon Dioxide as CO2	**57**	5.0	mg/L	1	CQ03632	04/27/07	04/27/07	SM 4500C	
MW-5 (CQD1018-05) Water	**Sampled: 04/25/07 10:41**	**Received: 04/26/07 13:16**							
Carbon Dioxide as CO2	**86**	5.0	mg/L	1	CQ03632	04/27/07	04/27/07	SM 4500C	
MW-6 (CQD1018-06) Water	**Sampled: 04/25/07 09:55**	**Received: 04/26/07 13:16**							
Carbon Dioxide as CO2	**93**	5.0	mg/L	1	CQ03632	04/27/07	04/27/07	SM 4500C	
MW-7 (CQD1018-07) Water	**Sampled: 04/25/07 09:03**	**Received: 04/26/07 13:16**							
Carbon Dioxide as CO2	**42**	5.0	mg/L	1	CQ03632	04/27/07	04/27/07	SM 4500C	
MW-8 (CQD1018-08) Water	**Sampled: 04/25/07 09:30**	**Received: 04/26/07 13:16**							
Carbon Dioxide as CO2	**86**	5.0	mg/L	1	CQ03632	04/27/07	04/27/07	SM 4500C	
MW-9 (CQD1018-09) Water	**Sampled: 04/25/07 08:35**	**Received: 04/26/07 13:16**							
Carbon Dioxide as CO2	**29**	5.0	mg/L	1	CQ03632	04/27/07	04/27/07	SM 4500C	

CALIFORNIA LABORATORY SERVICES

05/03/07 12:00

KIFF Analytical
2795 Second St. Suite 300
Davis, CA 95616

Project: 67106
Project Number: 67106
Project Manager: Troy Turpen

CLS Work Order #: CQD1018
COC #: 56133

Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CQ03632 - General Preparation										
Blank (CQ03632-BLK1)				Prepared & Analyzed: 04/27/07						
Carbon Dioxide as CO2	ND	5.0	mg/L							

CALIFORNIA LABORATORY SERVICES

05/03/07 12:00

KIFF Analytical	Project: 67106	
2795 Second St. Suite 300	Project Number: 67106	**CLS Work Order #: CQD1018**
Davis, CA 95616	Project Manager: Troy Turpen	COC #: 56133

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

Calscience
Environmental
Laboratories, Inc.

May 03, 2007

Joel Kiff
Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

Subject: **Calscience Work Order No.: 07-04-1895**
Client Reference: 67106

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 4/27/2007 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of subcontracted analysis, if any, is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Vikas Patel for

Calscience Environmental
Laboratories, Inc.
Stephen Nowak
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

Date Received: 04/27/07
Work Order No: 07-04-1895
Preparation: EPA 3010A Total
Method: EPA 6010B

Project: 67106

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
MW-1	**07-04-1895-1**	**04/25/07**	**Aqueous**	**ICP 5300**	**04/27/07**	**04/30/07**	**070427L05**

Parameter	Result	RL	DF	Qual	Units
Iron	0.977	0.100	1		mg/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
MW-2	**07-04-1895-2**	**04/25/07**	**Aqueous**	**ICP 5300**	**04/27/07**	**04/30/07**	**070427L05**

Parameter	Result	RL	DF	Qual	Units
Iron	1.49	0.100	1		mg/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
MW-3	**07-04-1895-3**	**04/25/07**	**Aqueous**	**ICP 5300**	**04/27/07**	**04/30/07**	**070427L05**

Parameter	Result	RL	DF	Qual	Units
Iron	0.977	0.100	1		mg/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
MW-4	**07-04-1895-4**	**04/25/07**	**Aqueous**	**ICP 5300**	**04/27/07**	**04/30/07**	**070427L05**

Parameter	Result	RL	DF	Qual	Units
Iron	2.70	0.100	1		mg/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
MW-5	**07-04-1895-5**	**04/25/07**	**Aqueous**	**ICP 5300**	**04/27/07**	**04/30/07**	**070427L05**

Parameter	Result	RL	DF	Qual	Units
Iron	0.317	0.100	1		mg/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
MW-6	**07-04-1895-6**	**04/25/07**	**Aqueous**	**ICP 5300**	**04/27/07**	**04/30/07**	**070427L05**

Parameter	Result	RL	DF	Qual	Units
Iron	ND	0.100	1		mg/L

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

Date Received: 04/27/07
Work Order No: 07-04-1895
Preparation: EPA 3010A Total
Method: EPA 6010B

Project: 67106

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
MW-7	**07-04-1895-7**	**04/25/07**	**Aqueous**	**ICP 5300**	**04/27/07**	**04/30/07**	**070427L05**

Parameter	Result	RL	DF	Qual	Units
Iron	ND	0.100	1		mg/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
MW-8	**07-04-1895-8**	**04/25/07**	**Aqueous**	**ICP 5300**	**04/27/07**	**04/30/07**	**070427L05**

Parameter	Result	RL	DF	Qual	Units
Iron	0.590	0.100	1		mg/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
MW-9	**07-04-1895-9**	**04/25/07**	**Aqueous**	**ICP 5300**	**04/27/07**	**04/30/07**	**070427L05**

Parameter	Result	RL	DF	Qual	Units
Iron	1.85	0.100	1		mg/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**097-01-003-7,110**	**N/A**	**Aqueous**	**ICP 5300**	**04/27/07**	**04/27/07**	**070427L05**

Parameter	Result	RL	DF	Qual	Units
Iron	ND	0.100	1		mg/L

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

Date Received: 04/27/07
Work Order No: 07-04-1895

Project: 67106

Client Sample Number	Lab Sample Number	Date Collected	Matrix
MW-1	**07-04-1895-1**	**04/25/07**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Alkalinity, Total (as CaCO3)	74.0	1.0	1		mg/L	N/A	05/01/07	SM 2320B
Carbon, Total Organic	2.3	0.50	1		mg/L	N/A	04/28/07	SM 5310 D

Client Sample Number	Lab Sample Number	Date Collected	Matrix
MW-2	**07-04-1895-2**	**04/25/07**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Alkalinity, Total (as CaCO3)	96.0	1.0	1		mg/L	N/A	05/01/07	SM 2320B
Carbon, Total Organic	3.2	0.50	1		mg/L	N/A	04/28/07	SM 5310 D

Client Sample Number	Lab Sample Number	Date Collected	Matrix
MW-3	**07-04-1895-3**	**04/25/07**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Alkalinity, Total (as CaCO3)	144	5.0	1		mg/L	N/A	05/01/07	SM 2320B
Carbon, Total Organic	2.3	0.50	1		mg/L	N/A	04/28/07	SM 5310 D

Client Sample Number	Lab Sample Number	Date Collected	Matrix
MW-4	**07-04-1895-4**	**04/25/07**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Alkalinity, Total (as CaCO3)	362	5.0	1		mg/L	N/A	05/01/07	SM 2320B
Carbon, Total Organic	4.2	0.50	1		mg/L	N/A	04/28/07	SM 5310 D

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

Date Received: 04/27/07
Work Order No: 07-04-1895

Project: 67106

Client Sample Number	Lab Sample Number	Date Collected	Matrix
MW-5	**07-04-1895-5**	**04/25/07**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Alkalinity, Total (as CaCO3)	500	5.0	1		mg/L	N/A	05/01/07	SM 2320B
Carbon, Total Organic	3.6	0.50	1		mg/L	N/A	04/28/07	SM 5310 D

Client Sample Number	Lab Sample Number	Date Collected	Matrix
MW-6	**07-04-1895-6**	**04/25/07**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Alkalinity, Total (as CaCO3)	478	5.0	1		mg/L	N/A	05/01/07	SM 2320B
Carbon, Total Organic	4.5	0.50	1		mg/L	N/A	04/28/07	SM 5310 D

Client Sample Number	Lab Sample Number	Date Collected	Matrix
MW-7	**07-04-1895-7**	**04/25/07**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Alkalinity, Total (as CaCO3)	178	5.0	1		mg/L	N/A	05/01/07	SM 2320B
Carbon, Total Organic	2.0	0.50	1		mg/L	N/A	04/28/07	SM 5310 D

Client Sample Number	Lab Sample Number	Date Collected	Matrix
MW-8	**07-04-1895-8**	**04/25/07**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Alkalinity, Total (as CaCO3)	286	5.0	1		mg/L	N/A	05/01/07	SM 2320B
Carbon, Total Organic	2.0	0.50	1		mg/L	N/A	04/28/07	SM 5310 D

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

Date Received: 04/27/07
Work Order No: 07-04-1895

Project: 67106

Client Sample Number	Lab Sample Number	Date Collected	Matrix
MW-9	**07-04-1895-9**	**04/25/07**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Alkalinity, Total (as CaCO3)	198	5.0	1		mg/L	N/A	05/01/07	SM 2320B
Carbon, Total Organic	3.5	0.50	1		mg/L	N/A	04/28/07	SM 5310 D

Method Blank			**N/A**		**Aqueous**			
Parameter	**Result**	**RL**	**DF**	**Qual**	**Units**	**Date Prepared**	**Date Analyzed**	**Method**
Alkalinity, Total (as CaCO3)	ND	1.0	1		mg/L	N/A	05/01/07	SM 2320B
Carbon, Total Organic	ND	0.50	1		mg/L	N/A	04/28/07	SM 5310 D

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

Date Received: 04/27/07
Work Order No: 07-04-1895
Preparation: EPA 3010A Total
Method: EPA 6010B

Project 67106

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
07-04-1817-1	**Aqueous**	**ICP 5300**	**04/27/07**	**04/27/07**	**070427S05**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Iron	101	105	65-149	2	0-21	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

Date Received: N/A
Work Order No: 07-04-1895

Project: 67106

Matrix: Aqueous

Parameter	Method	Quality Control Sample ID	Date Analyzed	Date Extracted	MS% REC	MSD % REC	%REC CL	RPD	RPD CL	Qualifiers
Carbon, Total Organic	SM 5310 D	MW-1	04/28/07	N/A	110	108	70-130	1	0-25	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Duplicate

Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

Date Received: N/A
Work Order No: 07-04-1895

Project: 67106

Matrix: Aqueous

Parameter	Method	QC Sample ID	Date Analyzed	Sample Conc	DUP Conc	RPD	RPD CL	Qualifiers
Alkalinity, Total (as CaCO3)	SM 2320B	MW-1	05/01/07	74.0	74.0	0	0-25	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Laboratory Control Sample

ACCREDITED IN ACCORDANCE WITH nelac

Kiff Analytical		Date Received:	N/A
2795 2nd Street, Suite 300		Work Order No:	07-04-1895
Davis, CA 95616-6593		Preparation:	EPA 3010A Total
		Method:	EPA 6010B

Project: 67106

Quality Control Sample ID	Matrix	Instrument	Date Analyzed	Lab File ID	LCS Batch Number
097-01-003-7,110	**Aqueous**	**ICP 5300**	**04/27/07**	**070427-I-05**	**070427L05**

Parameter	Conc Added	Conc Recovered	LCS %Rec	%Rec CL	Qualifiers
Iron	0.500	0.538	108	80-120	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Laboratory Control Sample

ACCREDITED IN ACCORDANCE WITH nelac

Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

Date Received: N/A
Work Order No: 07-04-1895

Project: 67106

Matrix : Aqueous

Parameter	Method	Quality Control Sample ID	Date Analyzed	Date Extracted	Conc Added	Conc Recovered	LCS %Rec	%Rec CL	Qualifiers
Carbon, Total Organic	SM 5310 D	099-05-097-2,611	04/28/07	N/A	5.00	5.13	103	80-120	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 07-04-1895

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike or Matrix Spike Duplicate compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

KIFF Analytical LLC

2795 Second Street, Suite 300
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4808

Cal Science Environmental
7440 Lincoln Way
Garden Grove, CA 92841
714-895-5494

Lab No. 1895

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF to): Troy Turpen

EDF Report? ___Yes _X_No

Company/Address:

Recommended but not mandatory to complete this section:

Sampling Company Log Code:

Global ID:

Phone No.: FAX No.:

EDF Deliverable to (Email Address):

Project Number: 67106 P.O. No.: 56133

Project Name: 67106

E-mail address: inbox@kiffanalytical.com

Project Address:

Sample Designation	Sampling		Container					Preservative					Matrix			Analysis Request								Date due:	For Lab Use Only
	Date	Time	VOA	Poly	Sleeve	Amber	Glass	HNO_3	H_2SO_4	$Na_2S_2O_3$	$ZnAc_2$ & NaOH	NONE	WATER	SOIL	Air	Alkalinity by SM 2320B	Total Organic Carbon by (EPA 415.1)	Total Iron by (EPA 6010)						May 3, 2007	
MW-1	4/25/07	11:26		2			1	1	1			1	X			X	X	X						X	
MW-2	4/25/07	11:46		2			1	1	1			1	X			X	X	X						X	
MW-3	4/25/07	11:02		2			1	1	1			1	X			X	X	X						X	
MW-4	4/25/07	10:16		2			1	1	1			1	X			X	X	X						X	
MW-5	4/25/07	10:41		2			1	1	1			1	X			X	X	X						X	
MW-6	4/25/07	09:55		2			1	1	1			1	X			X	X	X						X	
MW-7	4/25/07	9:03		2			1	1	1			1	X			X	X	X						X	
MW-8	4/25/07	9:30		2			1	1	1			1	X			X	X	X						X	
MW-9	4/25/07	8:35		2			1	1	1			1	X			X	X	X						X	

Relinquished by:	Date	Time	Received by:
Hardip Kandola Kiff Analytical	042607	1900	
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by Laboratory:
	4-27-07	0830	WC Datin

Remarks:

Bill to: Accounts Payable

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 07 - 04 - 1895

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: KIFF ANALYTICAL **DATE:** 4-27-07

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

_____ Chilled, cooler with temperature blank provided.
_____ Chilled, cooler without temperature blank.
_____ Chilled and placed in cooler with wet ice.
_____ Ambient and placed in cooler with wet ice.
_____ Ambient temperature.
_____ °C Temperature blank.

LABORATORY (Other than Calscience Courier):

3.0 °C Temperature blank.
_____ °C IR thermometer.
_____ Ambient temperature.

Initial: WB

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: ✓ No (Not Intact) : _____ Not Present: _____

Initial: WB

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	✓		
Sampler's name indicated on COC			✓
Sample container label(s) consistent with custody papers	✓		
Sample container(s) intact and good condition	✓		
Correct containers and volume for analyses requested	✓		
Proper preservation noted on sample label(s)	✓		
VOA vial(s) free of headspace			✓
Tedlar bag(s) free of condensation			✓

Initial: WB

COMMENTS:

KIFF Analytical LLC

2795 2nd Street, Suite 300
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4802

SRG # / Lab No. 56133

Page 1 of 1

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): RICHARD MURRAY	California EDF Report? ☐ Yes ☐ No
Company / Address: RDM Env.	Sampling Company Log Code:
Phone #: 916 415 1134 / Fax #: 916 415 1154	Global ID:
Project #: 671186 / P.O. #: —	EDF Deliverable To (Email Address):
Project Name: —	Sampler Signature:
Project Address: [redacted] Marina Blvd. San Leandro	

Sampling		Container					Preservative				Matrix			
Sample Designation	Date	Time	40 ml VOA	Sleeve	Poly	Glass	Tedlar	HCl	HNO_3	None	H_2SO_4	Water	Soil	Air
mw-1	[redacted]	[redacted]	5		3			X	X	2		X		
mw-2		1146												
mw-3		1100												
mw-4		1026												
mw-5		1045												
mw-6		0955												
mw-7		0943												
mw-8		0930												
mw-9		0935												

Analysis Request																		TAT	For Lab Use Only
MTBE (EPA 8260B) per EPA 8021 level @ 5.0 ppb	MTBE (EPA 8260B) @ 0.5 ppb	BTEX (EPA 8260B)	TPH Gas (EPA 8260B)	5 Oxygenates (EPA 8260B)	7 Oxygenates (EPA 8260B)	Lead Scav.(1,2 DCA & 1,2 EDB-EPA 8260B)	Volatile Halocarbons (EPA 8260B)	Volatile Organics Full List (EPA 8260B)	Volatile Organics (EPA 524.2 Drinking Water)	TPH as Diesel (EPA 8015M)	TPH as Motor Oil (EPA 8015M)	Total Lead (EPA 6010)	~~W.E.T. Lead (STLC)~~ T.O.C.	Alkalinity	Dissolved CO2	Total Iron	☐ 12 hr ☐ 24 hr ☐ 48 hr ☐ 72 hr ☑ 1 wk	
		X	X		X								X	X	X			01
																		02
																		03
																		04
																		05
																		06
																		07
																		08
																		09

Relinquished by:	Date	Time	Received by:
DOUGLAS HOFF			
	042607	1130	

Remarks: (STAT)

Email Copy to RDM

Bill to: [redacted] Tesoro Petroleum / Jeff Baker

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time	Therm. ID #	Coolant Present
2.4	JMH	042607	1510	IR-5	(Yes) / No

Distribution: White - Lab; Pink - Originator
Rev: 051805