THIRD QUARTER 2006

GROUNDWATER MONITORING/REMEDIATION STATUS REPORT

Tesoro Station No. 67107
Former Beacon Station No. 3721
44 Lewelling Boulevard
San Lorenzo, California
RDM Project No. 00-67107

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EXECUTIVE SUMMARY

This Quarterly Ground Water Monitoring and Remediation Status Report has been prepared by RDM Environmental, Inc. (RDM) and Haley & Aldrich, Inc. (Haley & Aldrich), on behalf of Tesoro Companies, Inc. (Tesoro), for the former Tesoro Station No. 67107 located at 44 Lewelling Boulevard, San Lorenzo, 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 Agency – Department of Health and the City of San Lorenzo – Environmental Services Division. This report updates the Groundwater Monitoring and Remediation Systems Status Report dated August 31, 2006. Standard background information previously submitted to the agency in hard copy is not included in this report. This information can be electronically accessed on the Tesoro Companies Sharepoint website (https://portal.haleyaldrich.com/sites/ext/San Lorenzo).

The general groundwater flow observed is toward the southwest, which is consistent with historical observations. Total petroleum hydrocarbons as gasoline (TPH-G) were detected in wells MW-3, RW-2 and MW-10 at concentrations greater than 500 micrograms per liter (ug/L).

Benzene, toluene, ethyl benzene, xylenes (BTEX) and total petroleum hydrocarbon (TPH) concentrations **decreased** slightly in MW-3 from the 2nd Quarter 2006 sampling event but remained within seasonal fluctuations observed at the site. The remaining monitoring locations exhibited **similar** values for the target parameters indicating that intrinsic attenuation processes continue to control contaminant migration down gradient from the site.

Based on this data and the observed level of groundwater contaminant concentrations in MW-3, the remediation system has been modified to initiate active pumping from MW-3R and RW-2 to address the persistent detection of site contaminants at these monitoring locations. Following the start-up of the modified remediation system, we will conduct a complete round of groundwater level measurements.

As part of the 3rd Quarter sampling event, sample collection was performed using low-flow, low stress methods to determine the potential oxygen demand in the on-site and down gradient groundwater plume. These data indicate that the monitoring locations with the highest levels of contaminants, MW-1, MW-3, MW-10, and RW-2 exhibit anoxic conditions (ORP > -50, DO <1.0 mg/L).

These data indicate that intrinsic biodegradation processes are limited by the available oxygen to drive aerobic oxidation of the contaminants. Enhancement of the aquifer conditions through the introduction of bioavailable oxygen will likely stimulate intrinsic attenuation processes and progress the site to compliance with the remedial goals for closure.

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1.0 INTRODUCTION

This report has been prepared by RDM Environmental, Inc. (RDM) and Haley & Aldrich, Inc. (Haley & Aldrich), on behalf of Tesoro Companies, Inc. (Tesoro) for the former Tesoro Station No. 67107 located at 44 Lewelling Boulevard, San Lorenzo, California. The most recently prepared project reports and standard project reference materials 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 electronically on the Tesoro Companies Sharepoint website (https://portal.haleyaldrich.com/sites/ext/Tesoro/San Lorenzo), a project data portal and collaborative resource that is currently available to all members of the project team and interested stakeholders.

Total petroleum hydrocarbons as gasoline (TPH-G), benzene and total xylenes remain the constituents of concern (COC) for groundwater at this site. The impacted groundwater plume extends from the site boundary with measurable TPH-G concentrations detected in well MW-10. Total benzene, toluene, ethylbenzene, and xylenes (BTEX) concentrations in on-site monitoring wells MW-3, and RW-2 and the off-site monitoring well MW-10 continue to exceed the environmental screening criteria found in *Volume 2: Background Documentation for the Development of Tier I Environmental Screening Levels*, CRWQCBSFB, Interim Final – 2005 indicating that additional remedial measures and site monitoring are warranted.

These data also indicate that the remedial approach has substantially reduced contaminant concentrations since the initiation of the groundwater monitoring and remediation program at the site.

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 Petroleum Sharepoint website (https://portal.Haleyaldrich .com/sites/ext/Tesoro/San Lorenzo).

3.0 ENVIRONMENTAL SETTING

A site topographic map and site map are shown in Figures 1 and 2, respectively. Figure 2 presents the irrigation wells located at 15800 and 15808 Via Cordoba Avenue. Descriptions of the site geologic and hydrogeologic conditions are available electronically on the Tesoro Companies Sharepoint website (https://portal.haleyaldrich.com/sites /ext/Tesoro/San Lorenzo).

4.0 SITE ASSESSMENT ACTIVITIES

As requested by the Alameda County Environmental Health Department, an updated well use survey and utility conduit assessment were performed by RDM Environmental during the 2nd Quarter 2006 reporting period.

A summary of those site assessment activities are provided in reports available electronically on the Tesoro Companies Sharepoint website (https://portal.haleyaldrich .com/sites/ext/ Tesoro/San Lorenzo).

5.0 QUARTERLY GROUNDWATER MONITORING AND SAMPLING

5.1 GROUNDWATER MONITORING AND SAMPLING ACTIVITIES

On 15 August 2006, static groundwater levels in monitoring wells MW-1 through MW-11 and RW-1 were measured. These data, used to prepare Figure 3 - Groundwater Elevation Contour Map, were obtained with a handheld groundwater level sensor. The contour map indicates that the predominant groundwater flow direction in the overburden unconsolidated water bearing unit is to the southwest.

Following the determination of the static groundwater levels, representative samples of groundwater were collected from wells with historical detectable levels of site contaminants for evaluation of the groundwater quality. During sampling, dissolved oxygen (DO), oxidation-reduction potential (ORP) specific conductance (SC), ferrous iron (Fe^{2+}), dissolved carbon dioxide (CO_2), total alkalinity, pH and temperature measurements were performed to determine intrinsic aquifer conditions at the time of sample collection. Well sampling and field measurement data are provided in Appendix A. The intrinsic aquifer conditions are presented in Table 2.

5.2 LABORATORY ANALYSIS

Groundwater samples collected during the 15 August 2006 sampling event were submitted under a completed chain of custody and analyzed by Kiff Analytical, LLC, a State-certified laboratory (#2236), for 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.

Historical and quarterly ground water laboratory analytical results 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. The final laboratory reports with chain of custody records for the 3rd Quarter 2006 quarterly ground water sampling event are included in Appendix B.

5.3 FINDINGS

Static ground water levels were measured with the groundwater recovery system operating to determine the extent of the capture zone of pumping well RW-1. As determined during the 2nd Quarter 2006 sampling event, the pumping of RW-1 does not affect the groundwater elevation observed at MW-3. These data indicate that continued operation of the groundwater recovery system at RW-1 will have minimal effect on groundwater quality in the vicinity of MW-3.

Results of laboratory analysis of groundwater samples collected on 15 August 2006 from wells MW-1, MW-2, MW-3, MW-4, MW-10, MW-11, RW-1 and RW-2 are summarized in Table 1 and indicate the following:

- The highest benzene concentration was detected in the groundwater sample collected from well MW-3 at 470 ug/L. These data are consistent with groundwater sample results from the 2nd Quarter 2006. Figure 4 presents the benzene iso-concentration map for the 3rd Quarter 2006 sampling event.

- Total xylenes were detected in groundwater samples collected from wells MW-3, MW-10, and RW-2 at concentrations consistent with historical groundwater sample results. Figure 5 presents the total xylenes iso-concentration map for the 3rd Quarter 2006 sampling event.

- TPH-G was detected in groundwater samples collected from wells MW-1, MW-3, MW-10, MW-11 and RW-2 at concentrations of 60, 5600, 5400, 65 and 1200 ug/L, respectively. Figure 6 presents the TPH-G iso-concentration map for the 3rd Quarter 2006 sampling event. These data support the need to initiate groundwater recovery from MW-3R and RW-2 to address TPH-G identified in MW-3 and MW-10.

- Methyl tertiary butyl ether (MTBE) was detected in groundwater samples collected from wells MW-1, MW-2, MW-3, MW-4, MW-10, MW-11, RW-1 and RW-2. Concentrations detected are consistent with levels detected during prior monitoring events. Figure 7 presents the MTBE iso-concentration map for the 3rd Quarter 2006 sampling event.

6.0 SITE CONCEPTUAL MODEL

6.1 HYDROGEOLOGIC SETTING

The groundwater flow is toward the southwest, which is consistent with recent monitoring events, and consistent with the previous understanding of the hydrogeologic conditions at the site. The groundwater flow regime is dominated by permeable deposits at a depth of about 15 feet below ground surface that appear to be aligned roughly parallel to San Lorenzo Creek. Observed TPH-G and MTBE concentrations detected in onsite wells MW-1, MW-2, MW-3, RW-1, RW-2, and off-site wells MW-10 and MW-11 support the presence of a preferential flow path for impacted groundwater.

6.2 GROUNDWATER QUALITY

Current monitoring results from the 3rd Quarter sampling event indicate that the dissolved phase plume of gasoline constituents appears to be stable and at equilibrium with the hydrogeologic setting, however, in order to achieve site closure a more active remediation technology may need to be deployed. Since the identified contaminants of concern at the site are known to degrade intrinsically under aerobic conditions, the slow decline of the observed dissolved phase concentrations of the COC is most likely due to oxygen-limited conditions in the subsurface. The intrinsic aquifer conditions determined during this quarterly sampling event appear to support this conclusion as the monitoring locations with the highest levels of site contaminants exhibit the most anoxic conditions.

Ozone (O_3) and/or pure oxygen (O_2) injection or similar technology may be an effective enhancement to the current groundwater recovery system by providing a source of oxygen for indigenous bacteria to continue to actively degrade the contaminants present.

7.0 GROUNDWATER EXTRACTION AND TREATMENT SYSTEM PERFORMANCE

7.1 OPERATIONS UPDATE

During the 3rd Quarter, the groundwater recovery system continued to extract groundwater from RW-1 through 28 August 2006 when the system was shutdown for modifications. Total volume of groundwater extracted and treated during the quarter was approximately 80,000 gallons for an average recovery rate of 0.95 gallons per minute. Influent, mid, and effluent groundwater treatment system samples were collected for analysis of BTEX, fuel oxygenates and TPH-G on 28 July and 28 August 2006. Maximum influent concentration of contaminants detected was 22 ug/L for MTBE. Maximum effluent

concentration of contaminants detected was 1.6 ug/L MTBE. Effluent vapor from the DAT blower is treated with two (2) 200 lb GAC canisters with final discharge to the atmosphere. During the 3rd Quarter 2006, no detectable concentrations of BTEX, MTBE, or TPH-G were identified in the DAT blower vapor stream.

No significant maintenance activities were performed on the groundwater extraction and treatment system during the quarter. The planned expansion of the recovery system with a modification to utilize a combined granulated activated carbon (GAC) system for primary and polishing treatment prior to discharge is scheduled for completion by 30 October 2006. Performance data on the re-configured system will be provided in the 4th Quarter Monitoring report.

The modified recovery system will include two (2) pumping wells (RW-1 and MW-3R) with groundwater treatment achieved using three (3) 1000 pound (lb) granular activated carbon canisters (GAC). Final discharge of treated groundwater will drain by gravity to the municipal sewer under the sewer use permit dated December 2005.

7.2 CONCLUSIONS AND RECOMMENDATIONS

Continued operation of the groundwater recovery and treatment system should be continued after conversion of the extraction system to include MW-3R and RW-2. After conversion of the recovery system to include MW-3R and RW-2, process samples should be collected and analyzed to optimize the treatment of the extracted groundwater prior to discharge to the sanitary sewer.

8.0 PROPOSED FUTURE WORK ACTIVITIES

On July 9, 2006, Tesoro received a request from the Alameda County Environmental Health Department (ACEHD) for a Work Plan for additional Plume Delineation at the site. To address this request, a project meeting was convened at the ACEHD offices on 19 September 2006 to discuss the current Site Conceptual Model and proposals for further site investigation activities to address data gaps. The outcome of the project meeting was the commitment by Tesoro to:

1. complete the installation and initiation of the modified groundwater recovery system,
2. determine the capture zone of the stabilized new pumping configurations; and,
3. based on system performance, identify a location for an additional monitoring well to confirm the extent of the groundwater impacts to the south of the site.

These activities were proposed for completion by 30 November 2006. Upon completion, a Work Plan will be provided to the ACEHD for the installation and monitoring of a new groundwater monitoring well (if deemed appropriate) based on the findings.

9.0 PROPOSED WORK SCHEDULE

RDM, Haley & Aldrich, and Tesoro propose the following work activities for the fourth quarter of 2006:

- Continued operation of MW-3R and RW-2 as active pumping wells with the additional data collection activities to evaluate the effective groundwater capture zone for the groundwater recovery system.

- Collect TPH-G, VOC and monitored natural attenuation (MNA) (e.g., dissolved oxygen, oxidation/reduction potential, pH, and specific conductivity) parameters to evaluate the subsurface conditions for the implementation of an MNA remedial approach.

- Evaluate the potential costs for the addition of oxygen injection to enhance the intrinsic biodegradation processes active at the site.

- Continue quarterly groundwater compliance reporting under this new reporting format, including updates to the SCM as appropriate.

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. 67107
Former Beacon Station No. 3721
44 Lewelling Boulevard
San Lorenzo, California

Monitoring Well	Date	Top of Riser Elevation (ft)	Depth to 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	02/18/92	43.67	16.42	27.25	NS	NS	NS	NS	NS	NS	NA	
	05/14/92		17.28	26.39	NS	NS	NS	NS	NS	NS	NA	
	05/15/92		NM	NC	2,000	47	1,200	400	41,000	NA	NA	
	08/27/92		19.48	24.19	NS	NS	NS	NS	NS	NS	NA	
	08/28/92		NM	NC	3,800	54	850	970	110,000	NA	NA	
	11/19/92		20.57	23.10	200	<5.0	90	140	3,600	NA	NA	
	02/03/93		15.91	27.76	180	22	79	130	3,000	NA	NA	
	06/23/93		16.21	27.46	2,400	74	650	510	12,000	NA	NA	No free product or sheen
	09/22/93		17.85	25.82	3,000	290	1,100	1,200	23,000	NA	NA	No free product or sheen
	01/24/94		17.91	25.76	2,400	280	1,100	1,700	18,000	NA	NA	
	04/07/94		16.94	26.73	4,200	820	1,600	2,100	20,000	NA	NA	No free product or sheen
	06/07/94		17.20	26.47	1,800	510	1,100	1,600	26,000	NA	NA	No free product or sheen
	09/28/94		18.73	24.94	1,700	210	970	870	18,000	NA	NA	No free product or sheen
	12/14/94		17.56	26.11	4,400	2,400	2,300	4,300	31,000	NA	NA	Product sheen
	03/15/95		14.92	28.75	830	310	840	1,200	17,000	NA	NA	Product sheen
	06/13/95		15.38	28.29	1,300	99	1,500	1,100	22,000	NA	NA	No free product or sheen
	09/28/95		16.75	26.92	580	<25	780	410	8,800	NA	NA	No free product or sheen
	12/28/95		17.28	26.39	4.9	<1.3	<1.3	290	4,800	74	NA	No free product or sheen
	01/30/96		NM	NC	17	7.1	20	45	1,500	63	NA	Not measured
	03/12/96		14.13	29.54	<0.5	<0.5	<0.5	<0.5	110	44	NA	No free product or sheen
	06/11/96		14.90	28.77	48	0.9	37	26	600	75	NA	No free product or sheen
	10/02/96		16.31	27.36	16	<0.5	6	0.92	210	11	NA	No free product or sheen
	01/28//97		12.99	30.68	<0.5	<0.5	<0.5	<0.5	150	160	NA	No free product or sheen
	05/20/97		15.28	28.39	<2.5	<2.5	<2.5	<2.5	680	640	NA	No free product or sheen
	08/18/97		16.74	26.93	<2.5	<2.5	<2.5	<2.5	<250	540	NA	No free product or sheen
	09/29/97		NM	NC	NS	NS	NS	NS	NS	NS	NA	Not measured
	11/05/97		17.45	26.22	2.8	<2.5	<2.5	<2.5	<250	400/390[b]	NA	No free product or sheen
	03/31/98		12.47	31.20	260	13	110	150	3,300	7,900	NA	No free product or sheen
	05/26/98		13.69	29.98	NS	NS	NS	NS	NS	NS	NA	No free product or sheen

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Monitoring Well	Date	Top of Riser Elevation (ft)	Depth to 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	05/28/98	43.67	NM	NC	120	<10	39	55	7,800	9,300	NA	No free product or sheen
(Cont.)	08/19/98		14.58	29.09	12	<2.5	6.0[c]	3.8[c]	<250[c]	2,200	NA	No free product or sheen
	11/17/98		15.39	28.28	8.3	<2.5	9.2	7.6	860	4,200	NA	No free product or sheen
	02/18/99		13.52	30.15	2.7	<2.5	<2.5	3.9	310	4,200	NA	No free product or sheen
	06/24/99		15.02	28.65	10	<2.5	12	6.5	860	3,400	NA	No free product or sheen
	08/30/99		15.87	27.80	2.0	<0.5	3.9	2.0	140	2,800	NA	No free product or sheen
	11/09/99		16.65	27.02	<0.5	<0.5	3.1	2.0	170	1,500	NA	No free product or sheen
	03/22/00		13.96	29.71	2.8	<2.0	3.6	<2.0	<200	1,200	NA	No free product or sheen
	06/12/00		15.23	28.44	1.3	<1.0	<1.0	<1.0	190	640	NA	No free product or sheen
	11/15/00		17.05	26.62	<1.0	<0.1	<1.0	<1.0	240	960	NA	No free product or sheen
	02/26/01		15.46	28.21	1.2	<1.0	<1.0	<1.0	<100	2,800	NA	No free product or sheen
	05/21/01		16.22	27.45	<2.0	<2.0	<2.0	<2.0	<200	540	NA	No free product or sheen
	09/05/01		11.25	32.42	7.0	<2.0	<2.0	<2.0	<200	550	NA	No free product or sheen
	11/07/01		18.01	25.66	<2.0	<2.0	<2.0	<2.0	290	750	NA	No free product or sheen
	02/11/02	45.98	15.77	30.21	<1.0	<1.0	<1.0	<1.0	270	450	NA	No free product or sheen
	06/03/02		16.35	29.63	<2.0	<2.0	<2.0	<2.0	310	610	26[e]	No free product or sheen
	08/06/02		17.00	28.98	<0.5	<0.5	<0.5	<0.5	170	540	20[e]	No free product or sheen
	11/14/02		16.93	29.05	<2.0	<2.0	<2.0	<2.0	490	900	ND	No free product or sheen
	02/20/03		15.74	30.24	<1.0	<1.0	<1.0	<1.0	210	320	ND	No free product or sheen
	05/15/03		15.60	30.38	<1.5	<1.5	<1.5	<1.5	400	670	ND	No free product or sheen
	07/31/03		16.60	29.38	<1.5	<1.5	<1.5	<1.5	380	620	ND	No free product or sheen
	10/28/03		17.35	28.63	<1.0	<1.0	<1.0	<1.0	230	470	ND	No free product or sheen
	02/28/04		14.65	31.33	<0.5	<0.5	<0.5	<0.5	300	400	ND	No free product or sheen
	04/16/04		15.44	30.54	<1.5	<1.5	<1.5	<1.5	<200	510	ND	No free product or sheen
	07/16/04		15.99	29.99	<1.5	<1.5	<1.5	<1.5	280	660	ND	No free product or sheen
	11/13/04		15.98	30.00	<1.0	<1.0	<1.0	<1.0	<100	530	19[e]	No free product or sheen
	02/04/05		15.27	30.71	<1.0	<1.0	<1.0	<1.0	140	610	18[e]	No free product or sheen
	04/13/05		14.31	31.67	<0.5	<0.5	<0.5	<0.5	<50	19	12[e]	No free product or sheen
	08/10/05		15.77	30.21	<0.5	<0.5	<0.5	<0.5	100	170	17[e]	No free product or sheen
	11/05/05		16.25	29.73	<0.5	<0.5	<0.5	<0.5	220	95	24[e]	No free product or sheen
	01/30/06		14.67	31.31	<0.5	<0.5	<0.5	<0.5	92	120	20[e]	No free product or sheen
	04/28/06		13.70	32.28	<0.5	<0.5	<0.5	<0.5	57	18	13[e]	No free product or sheen
	08/15/06		15.52	30.46	<0.5	<0.5	<0.5	<0.5	60	15	10[e]	No free product or sheen

TABLE 1

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Monitoring Well	Date	Top of Riser Elevation (ft)	Depth to 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	02/18/92	43.09	60.00	26.44	<0.5	<0.5	1.9	<0.5	1,600	NA	NA	
	05/14/92		16.64	26.45	1.2	1	1.3	<0.5	740	NA	NA	
	08/27/92		16.61	26.28	6.5	1.1	0.6	<0.5	1,400	NA	NA	
	11/19/92		19.91	23.18	<0.5	<0.5	2.7	<0.5	360	NA	NA	
	02/03/93		15.23	27.86	1.2	1.6	4.5	6.4	590	NA	NA	
	06/23/93		15.55	27.54	<0.5	<0.5	0.52	0.5	160	NA	NA	No free product or sheen
	09/22/93		17.22	25.87	<0.5	0.59	1.2	0.59	290	NA	NA	No free product or sheen
	01/24/94		17.20	25.89	<0.5	<0.5	0.68	<0.5	330	NA	NA	
	04/07/94		16.26	26.83	<0.5	<0.5	<0.5	4.4	490	NA	NA	No free product or sheen
	06/07/94		16.46	26.63	<0.5	<0.5	1.5	<0.5	550	NA	NA	No free product or sheen
	09/28/94		18.06	25.03	<0.5	<0.5	<0.5	<0.5	190	NA	NA	No free product or sheen
	12/14/94		16.86	26.23	7.2	0.84	<0.5	<0.5	1,400	NA	NA	No free product or sheen
	03/15/95		14.08	29.01	39	<0.5	0.53	<0.5	730	NA	NA	No free product or sheen
	06/13/95		14.67	28.42	8.3	<0.5	<0.5	<0.5	750[a]	NA	NA	No free product or sheen
	09/28/95		16.07	27.02	<0.5	<0.5	<0.5	<0.5	670[a]	NA	NA	No free product or sheen
	12/28/95		16.46	26.63	9.5	<5.0	<5.0	5.2	3,100	4,600	NA	No free product or sheen
	03/12/96		13.11	29.98	<1.3	<1.3	<1.3	<1.3	710	3,200	NA	No free product or sheen
	06/11/96		14.14	28.95	1.6	<1.3	<1.3	<1.3	1,900[a]	5,100	NA	No free product or sheen
	10/02/96		15.71	27.38	<2.5	<2.5	<2.5	<2.5	2,800	7,900	NA	No free product or sheen
	01/28/97		12.05	31.04	<0.5	<0.5	<0.5	<0.5	130	210	NA	No free product or sheen
	05/20/97		14.65	28.44	120	16	<2.5	4.0	1,400	390	NA	No free product or sheen
	08/18/97		16.00	27.09	<2.5	<2.5	<2.5	<2.5	<250	2,000	NA	No free product or sheen
	09/29/97		NM	NC	NS	NS	NS	NS	NS	NS	NS	Not measured
	11/05/97		16.75	26.34	<2.5	<2.5	<2.5	<2.5	<250	2,900/2,900[b]	NA	No free product or sheen
	03/31/98		11.54	31.55	<0.5	<0.5	<0.5	<0.5	<10,000	85,000	NA	No free product or sheen
	05/26/98		12.78	30.31	NS	NS	NS	NS	NS	NS	NS	No free product or sheen
	05/28/98		NM	NC	<500	<500	<500	<500	<50,000	97,000	NA	No free product or sheen
	08/19/98		14.40	28.69	<0.5	<0.5	<0.5	<0.5	210	22,000	NA	No free product or sheen
	11/17/98		15.18	27.91	<0.5	<0.5	<0.5	<0.5	<50	17,000	NA	No free product or sheen

TABLE 1

GROUND WATER MONITORING DATA

Tesoro Station No. 67107
Former Beacon Station No. 3721
44 Lewelling Boulevard
San Lorenzo, California

Monitoring Well	Date	Top of Riser Elevation (ft)	Depth to 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	02/18/99	43.09	14.07	29.02	<0.5	<0.5	<0.5	<0.5	<50	13,000	NA	No free product or sheen
(Cont.)	06/24/99		14.70	28.39	<15	<0.5	<0.5	<0.5	180	39,000	NA	No free product or sheen
	08/30/99		15.46	27.63	<25	<25	<25	<25	<2,500	18,000	NA	No free product or sheen
	11/09/99		16.03	27.06	<5.0	<5.0	<5.0	<5.0	<500	14,000	NA	No free product or sheen
	03/22/00		13.05	30.04	<5.0	<5.0	<5.0	<5.0	<500	54,000	NA	No free product or sheen
	06/12/00		14.50	28.59	<20	<20	<20	<20	<2,000	53,000	NA	No free product or sheen
	11/15/00		16.28	26.81	<50	<50	<50	<50	<5,000	35,000	NA	No free product or sheen
	02/26/01		14.98	28.11	<20	<20	<20	<20	<2,000	2,800	NA	No free product or sheen
	05/21/01		15.45	27.64	<25	<25	<25	<25	<5,000	20,000	NA	No free product or sheen
	09/05/01		15.17	27.92	<20	<20	<20	<20	<2,000	12,000	NA	No free product or sheen
	11/07/01		17.05	26.04	<20	<20	<20	<20	<2,000	7,600	NA	No free product or sheen
	02/11/02	45.23	13.29	31.94	<5.0	<5.0	<5.0	<5.0	<500	1,500	NA	No free product or sheen
	06/03/02		14.84	30.39	<5.0	<5.0	<5.0	<5.0	<500	2,200	190[e]	No free product or sheen
	08/06/02		14.85	30.38	<5.0	<5.0	<5.0	<5.0	<500	3,300	110[e]	No free product or sheen
	11/14/02		15.35	29.88	<10	<10	<10	<10	<1,000	3,200	120[e]	No free product or sheen
	02/20/03		14.08	31.15	<0.5	<0.5	<0.5	<0.5	<50	160	ND	No free product or sheen
	05/15/03		14.55	30.68	<0.5	<0.5	<0.5	<0.5	<50	270	ND	No free product or sheen
	07/31/03		15.30	29.93	<0.5	<0.5	<0.5	<0.5	<50	300	ND	No free product or sheen
	10/28/03		14.93	30.30	<0.5	<0.5	<0.5	<0.5	<50	1,600	20[e], 1.8[f]	No free product or sheen
	02/28/04		13.56	31.67	<0.5	<0.5	<0.5	<0.5	<50	340	ND	No free product or sheen
	04/16/04		14.40	30.83	<0.5	<0.5	<0.5	<0.5	<50	130	35[e]	No free product or sheen
	07/16/04		15.03	30.20	<0.5	<0.5	<0.5	<0.5	<50	68	ND	No free product or sheen
	11/13/04		15.00	30.23	<0.5	<0.5	<0.5	<0.5	<50	35	ND	No free product or sheen
	02/04/05		14.26	30.97	<0.5	<0.5	<0.5	<0.5	<50	22	ND	No free product or sheen
	04/13/05		13.19	32.04	<0.5	<0.5	<0.5	<0.5	<50	11	ND	No free product or sheen
	08/10/05		14.84	30.39	<0.5	<0.5	<0.5	<0.5	<50	12	ND	No free product or sheen
	11/05/05		15.39	29.84	<0.5	<0.5	<0.5	<0.5	<50	11	ND	No free product or sheen
	01/30/06		13.54	31.69	<0.5	<0.5	<0.5	<0.5	<50	5.2	ND	No free product or sheen
	04/28/06		12.55	32.68	<0.5	<0.5	<0.5	<0.5	<50	1.3	ND	No free product or sheen
	08/15/06		14.57	30.66	<0.5	<0.5	<0.5	<0.5	<50	2.7	ND	No free product or sheen

TABLE 1

GROUND WATER MONITORING DATA

Tesoro Station No. 67107
Former Beacon Station No. 3721
44 Lewelling Boulevard
San Lorenzo, California

Monitoring Well	Date	Top of Riser Elevation (ft)	Depth to 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	02/18/92	43.10	16.89	26.21	NS	NS	NS	NS	NS	NS	NS	
	05/14/92		16.60	26.50	NS	NS	NS	NS	NS	NS	NS	
	05/15/92		NM	NC	6,300	5,900	1,700	6,100	160,000	NA	NA	
	08/27/92		18.96	24.14	NS	NS	NS	NS	NS	NS	NS	
	08/28/92		NM	NC	2,500	40,000	6,700	44,000	1,300,000	NA	NA	
	11/18/92		20.38	23.01	NS	NS	NS	NS	NS	NS	NS	
	11/19/92		NM	NC	NS	NS	NS	NS	NS	NS	NS	
	02/03/93		15.43	27.67	7,200	11,000	2,900	13,000	82,000	NA	NA	
	06/23/93		15.67	27.43	3,200	5,300	2,500	9,100	61,000	NA	NA	Product sheen
	09/22/93		17.20	25.90	12,000	14,000	3,900	18,000	94,000	NA	NA	No free product or sheen
	01/24/94		17.35	25.75	14,000	17,000	4,200	14,000	110,000	NA	NA	
	04/07/94		14.48	28.62	6,500	1,800	1,700	4,100	28,000	NA	NA	No free product or sheen
	06/07/94		13.37	29.73	6,400	2,300	1,500	3,500	27,000	NA	NA	Product sheen
	09/28/94		18.05	25.05	7,400	4,300	1,500	4,600	40,000	NA	NA	No free product or sheen
	12/14/94		16.92	26.18	17,000	21,000	3,900	22,000	140,000	NA	NA	Product sheen
	03/15/95		14.22	28.88	4,900	1,900	1,800	7,100	58,000	NA	NA	Product sheen
	06/13/95		14.49	28.61	7,200	2,900	1,200	4,600	44,000	NA	NA	Product sheen
	09/28/95		15.17	27.93	5,600	2,100	1,900	6,900	30,000	NA	NA	No free product or sheen
	12/28/95		15.45	27.65	32	5.8	18	4,700	16,000	360	NA	No free product or sheen
	01/30/96		NM	NC	850	800	190	1,700	8,700	430	NA	Not measured
	03/12/96		11.35	31.75	48	64	5.3	630	2,400	97	NA	No free product or sheen
	06/11/96		Dry	Dry	NS	NS	NS	NS	NS	NS	NS	Dry
	10/02/96		Dry	Dry	NS	NS	NS	NS	NS	NS	NS	Dry
	01/28/97		Dry	Dry	NS	NS	NS	NS	NS	NS	NS	Dry
	05/20/97		Dry	Dry	NS	NS	NS	NS	NS	NS	NS	Plugged at 14 feet
	07/10/97		NM	NC	<0.50	<0.50	<0.50	4.8	300	40	NA	Not measured
	08/18/97		16.05	27.05	480	8.4	100	230	3,600	170	NA	No free product or sheen
	09/29/97		NM	NC	740	8.6	160	240	3500	210	NA	Not measured
	11/05/97		16.78	26.32	870	15	180	210	4,100	240/210[b]	NA	No free product or sheen

TABLE 1

GROUND WATER MONITORING DATA

Tesoro Station No. 67107
Former Beacon Station No. 3721
44 Lewelling Boulevard
San Lorenzo, California

Monitoring Well	Date	Top of Riser Elevation (ft)	Depth to 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	03/31/98	43.10	11.55	31.55	1,800	600	410	1,400	12,000	510	NA	No free product or sheen
(Cont.)	05/26/98		12.80	30.30	NS	NS	NS	NS	NS	NS	NA	No free product or sheen
	05/28/98		NM	NC	1,500	400	280	870	6,500	480	NA	No free product or sheen
	08/19/98		14.27	28.83	130	11	24	60	1,400	140	NA	No free product or sheen
	11/17/98		15.11	27.99	48	3.5	9.9	14	510	120	NA	No free product or sheen
	02/18/99		13.30	29.80	67	28	24	81	690	88	NA	No free product or sheen
	06/24/99		14.44	28.66	27	21	8.6	32	540	61	NA	No free product or sheen
	08/30/99		15.05	28.05	12	12	3.2	13	250	50	NA	No free product or sheen
	11/09/99		15.72	27.38	9.8	5.3	3.4	10	230	48	NA	No free product or sheen
	03/22/00		13.21	29.89	180	47	46	100	1,500	80	NA	No free product or sheen
	06/12/00		14.31	28.79	100	6.2	20	25	920	76	NA	No free product or sheen
	11/15/00		16.13	26.97	280	5.0	21	20	1,100	140	NA	No free product or sheen
	02/26/01		14.48	28.62	14	4.3	3.1	11	140	230	NA	No free product or sheen
	05/21/01		15.30	27.80	36	0.72	1.0	2.2	510	280	NA	No free product or sheen
	09/05/01		16.10	27.00	59	0.53	0.75	0.57	390	620	NA	No free product or sheen
	11/07/01		17.40	25.70	170	2.3	4.9	4.8	830	900	NA	No free product or sheen
	02/11/02	45.21	13.56	31.65	17	<2.5	4.7	7.9	370	1,200	NA	No free product or sheen
	06/03/02		15.54	29.67	120	<2.5	5.6	8.4	460	1,400	140[e]	No free product or sheen
	08/06/02		16.20	29.01	110	<5.0	<5.0	<5.0	800	2,200	170[e]	No free product or sheen
	11/14/02		16.50	28.71	89	<10	<10	<10	1,400	2,800	210[e]	No free product or sheen
	02/20/03		14.99	30.22	14	<5.0	<5.0	<5.0	<500	2,300	97[e]	No free product or sheen
	05/15/03		14.96	30.25	43	<5.0	<5.0	<5.0	<500	2,000	87[e]	No free product or sheen
	07/31/03		15.40	29.81	280	<5.0	6.6	7.4	1,500	1,600	130[e]	No free product or sheen
	10/28/03		16.20	29.01	140	1.6	6.5	4.0	2,200	1,100	74[e], 0.75[f]	No free product or sheen
	02/28/04		13.86	31.35	99	31	12	52	1,200	1,500	82[e]	No free product or sheen
	04/16/04		14.89	30.32	95	19	12	48	1,200	1,100	340[e]	No free product or sheen
	07/16/04		15.42	29.79	94	27	9.4	38	980	810	580[e]	No free product or sheen
	11/13/04		14.97	30.24	580	52	440	1,600	9,000	450	440[e]	No free product or sheen
	02/04/05		14.22	30.99	350	29	260	1,100	5,400	270	390[e]	No free product or sheen
	04/13/05		13.44	31.77	1,300	84	1,200	3,200	20,000	290	150[e]	No free product or sheen
	08/10/05		14.80	30.41	400	23	340	1,200	7,100	110	160[e]	No free product or sheen
	11/05/05		15.22	29.99	230	10	250	600	4,100	81	200[e]	No free product or sheen
	01/30/06		13.69	31.52	460	20	470	1,000	6,100	85	190[e]	No free product or sheen
	04/28/06		12.68	32.53	510	15	490	940	8,200	81	90[e]	No free product or sheen
	08/15/06		14.54	30.67	470	11	500	680	5,600	80	92[e]	No free product or sheen

TABLE 1

GROUND WATER MONITORING DATA

Tesoro Station No. 67107
Former Beacon Station No. 3721
44 Lewelling Boulevard
San Lorenzo, California

Monitoring Well	Date	Top of Riser Elevation (ft)	Depth to 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	02/18/92	44.66	18.51	26.15	<0.5	<0.5	12	21	5,100	NA	NA	
	05/14/92		18.22	26.44	<0.5	5.6	1.8	2.2	4,600	NA	NA	
	08/27/92		20.47	24.19	NS	NS	NS	NS	NS	NS	NS	
	08/28/92		NM	NC	6.6	1.3	1.6	3.1	1,700	NA	NA	
	11/19/92		21.58	23.08	<0.5	<0.5	<0.5	<0.5	400	NA	NA	
	02/03/93		16.98	27.68	<0.5	<0.5	<0.5	<0.5	1,100	NA	NA	
	06/23/93		17.23	27.43	<0.5	<0.5	<0.5	<0.5	120	NA	NA	No free product or sheen
	09/22/93		18.83	25.83	<0.5	<0.5	<0.5	<0.5	110	NA	NA	No free product or sheen
	01/24/94		18.86	25.80	<0.5	<0.5	<0.5	<0.5	260	NA	NA	
	04/07/94		17.90	26.76	<0.5	<0.5	<0.5	<0.5	430	NA	NA	No free product or sheen
	06/07/94		18.08	26.58	<0.5	<0.5	<0.5	<0.5	150	NA	NA	No free product or sheen
	09/28/94		19.70	24.96	<0.5	<0.5	<0.5	<0.5	75	NA	NA	No free product or sheen
	12/14/94		18.55	26.11	<0.5	<0.5	<0.5	<0.5	160	NA	NA	No free product or sheen
	03/15/95		16.14	28.52	<0.5	<0.5	<0.5	<0.5	500	NA	NA	No free product or sheen
	06/13/95		16.41	28.25	<0.5	<0.5	<0.5	<0.5	210[a]	NA	NA	No free product or sheen
	09/28/95		17.88	26.78	<0.5	<0.5	<0.5	<0.5	140[a]	NA	NA	No free product or sheen
	12/28/95		17.81	26.85	<0.5	<0.5	<0.5	<0.5	510[a]	<5.0	NA	No free product or sheen
	03/12/96		14.77	29.89	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
	06/11/96		15.88	28.78	<0.5	<0.5	<0.5	<0.5	50[a]	<5.0	NA	No free product or sheen
	10/02/96		17.40	27.26	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
	01/28/97		14.11	30.55	<0.5	<0.5	<0.5	<0.5	270[a]	<5.0	NA	No free product or sheen
	05/20/97		16.24	28.42	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
	08/18/97		17.59	27.07	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
	09/29/97		NM	NC	NS	NS	NS	NS	NS	NS	NS	Not measured
	11/05/97		18.24	26.42	<0.5	<0.5	<0.5	<0.5	<50	<5.0/<0.5[b]	NA	No free product or sheen
	03/31/98		13.61	31.05	<0.5	<0.5	<0.5	<0.5	110	<5.0	NA	No free product or sheen
	05/26/98		14.78	29.88	NS	NS	NS	NS	NS	NS	NS	No free product or sheen
	05/28/98		NM	NC	<0.5	<0.5	<0.5	<0.5	94	<5.0	NA	No free product or sheen
	08/19/98		16.15	28.51	<0.5[c]	<0.5[c]	<0.5[c]	<0.5[c]	120[c]	46[c]	NA	No free product or sheen

TABLE 1

GROUND WATER MONITORING DATA

Tesoro Station No. 67107
Former Beacon Station No. 3721
44 Lewelling Boulevard
San Lorenzo, California

Monitoring Well	Date	Top of Riser Elevation (ft)	Depth to 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	11/17/98	44.66	16.93	27.73	1.3	<0.5	<0.5	<0.5	<50	780	NA	No free product or sheen
(Cont.)	02/18/99		15.30	29.36	8.2	<0.5	<0.5	<0.5	130	240	NA	No free product or sheen
	06/24/99		16.35	28.31	<1.0	<0.5	<0.5	<0.5	<50	2,100	NA	No free product or sheen
	08/30/99		17.12	27.54	NS	NS	NS	NS	NS	NS	NS	Not sampled
	11/09/99		17.60	27.06	<0.5	<0.5	<0.5	<0.5	<50	2,500	NA	No free product or sheen
	03/22/00		14.98	29.68	<0.5	<0.5	<0.5	<0.5	69	12,000	NA	No free product or sheen
	06/12/00		16.26	28.40	<20	<20	<20	<20	<2,000	17,000	NA	No free product or sheen
	11/15/00		17.98	26.68	<1.0	<1.0	<1.0	<1.0	<100	17,000	NA	No free product or sheen
	02/26/01		16.31	28.35	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	05/21/01		17.15	27.51	<25	<25	<25	<25	<5,000	13,000	NA	No free product or sheen
	09/05/01		18.22	26.44	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	11/07/01		19.01	25.65	<10	<10	<10	<10	<1,000	3,800	NA	No free product or sheen
	02/11/02	46.98	16.68	30.30	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	06/03/02		17.29	29.69	<2.0	<2.0	<2.0	<2.0	<200	1,100	38[e], 2.0[f]	No free product or sheen
	08/06/02		17.92	29.06	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	11/14/02		17.92	29.06	<2.0	<2.0	<2.0	<2.0	<200	700	ND	No free product or sheen
	02/20/03		16.72	30.26	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	05/15/03		16.51	30.47	<0.5	<0.5	<0.5	<0.5	<50	73	ND	No free product or sheen
	07/31/03		17.41	29.57	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	10/28/03		18.30	28.68	<0.5	<0.5	<0.5	<0.5	<50	65	ND	No free product or sheen
	02/28/04		15.82	31.16	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	04/16/04		16.42	30.56	<0.5	<0.5	<0.5	<0.5	<50	6.2	ND	No free product or sheen
	07/16/04		16.94	30.04	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	11/13/04		17.00	29.98	<0.5	<0.5	<0.5	<0.5	<50	50	ND	No free product or sheen
	02/04/05		16.25	30.73	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	04/13/05		15.33	31.65	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	08/10/05		16.74	30.24	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	11/05/05		17.23	29.75	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	01/30/06		15.62	31.36	<0.5	<0.5	<0.5	<0.5	<50	3.5	NA	Not Sampled
	04/28/06		14.71	32.27	<0.5	<0.5	<0.5	<0.5	<50	0.89	ND	Not Sampled
	08/15/06		16.46	30.52	<0.5	<0.5	<0.5	<0.5	<50	8.8	ND	Not Sampled

TABLE 1

GROUND WATER MONITORING DATA

Tesoro Station No. 67107
Former Beacon Station No. 3721
44 Lewelling Boulevard
San Lorenzo, California

Monitoring Well	Date	Top of Riser Elevation (ft)	Depth to 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	02/18/92	43.79	17.37	26.42	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	
	05/14/92		17.29	26.50	<0.5	<0.05	<0.5	<0.5	<50	NA	NA	
	08/27/92		22.18	21.61	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	
	11/19/92		20.68	23.11	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	
	02/03/93		15.91	27.88	3.0	2.7	8.0	9.9	55	NA	NA	
	06/23/93		16.24	27.55	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	No free product or sheen
	09/22/93		17.93	25.86	0.66	1.1	<0.5	0.6	<50	NA	NA	No free product or sheen
	01/24/94		17.82	25.97	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	
	04/07/94		16.91	26.88	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	No free product or sheen
	06/07/94		17.10	26.69	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	No free product or sheen
	09/28/94		18.73	25.06	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	No free product or sheen
	12/14/94		17.53	26.26	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	No free product or sheen
	03/15/95		14.96	28.83	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	No free product or sheen
	06/13/95		15.30	28.49	<0.5	0.52	<0.5	<0.5	<50	NA	NA	No free product or sheen
	09/28/95		16.74	27.05	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	No free product or sheen
	12/28/95		15.10	28.69	<0.5	<0.5	<0.5	<0.5	120	<5.0	NA	No free product or sheen
	03/12/96		13.67	30.12	<0.5	<0.5	<0.5	<0.5	<50	9	NA	No free product or sheen
	06/11/96		14.88	28.91	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
	10/02/96		16.42	27.37	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
	01/28/97		12.83	30.96	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
	05/20/97		15.33	28.46	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
	08/18/97		16.69	27.10	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
	09/29/97		NM	NC	NS	NS	NS	NS	NS	NS	NA	Not measured
	11/05/97		17.37	26.42	<0.5	<0.5	<0.5	<0.5	<50	<5.0/<0.5[b]	NA	No free product or sheen
	03/31/98		12.40	31.39	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
	05/26/98		13.62	30.17	NS	NS	NS	NS	NS	NS	NS	No free product or sheen
	05/28/98		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
	08/19/98		15.19	28.60	<0.5	<0.5	<0.5	<0.5	<50	7.1	NA	No free product or sheen
	11/17/98		15.89	27.90	<0.5	<0.5	<0.5	<0.5	<50	6.3	NA	No free product or sheen

TABLE 1

GROUND WATER MONITORING DATA

Tesoro Station No. 67107
Former Beacon Station No. 3721
44 Lewelling Boulevard
San Lorenzo, California

Monitoring Well	Date	Top of Riser Elevation (ft)	Depth to 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	02/18/99	43.79	14.23	29.56	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
(Cont.)	06/24/99		15.29	28.50	NS	NS	NS	NS	NS	NS	NS	Not sampled
	08/30/99		16.07	27.72	NS	NS	NS	NS	NS	NS	NS	Not sampled
	11/09/99		16.61	27.18	NS	NS	NS	NS	NS	NS	NS	Not sampled
	03/22/00		13.81	29.98	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
	06/12/00		15.08	28.71	NS	NS	NS	NS	NS	NS	NS	Not sampled
	11/15/00		16.71	27.08	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	02/26/01		15.05	28.74	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	05/21/01		15.91	27.88	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	09/05/01		16.99	26.80	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	11/07/01		17.51	26.28	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	02/11/02	46.12	14.31	31.81	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	06/03/02		14.96	31.16	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	08/06/02		15.65	30.47	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	11/14/02		15.69	30.43	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	02/20/03		14.19	31.93	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	05/15/03		15.44	30.68	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	07/31/03		16.48	29.64	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	10/28/03		16.92	29.20	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	02/28/04		14.64	31.48	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	04/16/04		15.28	30.84	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	07/16/04		15.88	30.24	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	11/13/04		15.98	30.14	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	02/04/05		15.17	30.95	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	04/13/05		14.12	32.00	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	08/10/05		15.69	30.43	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	11/05/05		16.32	29.80	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	01/30/06		14.49	31.63	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	04/28/06		13.51	32.61	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	08/15/06		15.46	30.66	NS	NS	NS	NS	NS	NS	NA	Not Sampled

TABLE 1

GROUND WATER MONITORING DATA

Tesoro Station No. 67107
Former Beacon Station No. 3721
44 Lewelling Boulevard
San Lorenzo, California

Monitoring Well	Date	Top of Riser Elevation (ft)	Depth to 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	02/18/92	42.47	15.87	26.60	4.8	<0.5	<0.5	<0.5	370	NA	NA	
	05/14/92		16.04	26.43	<0.5	<0.5	<0.5	<0.5	120	NA	NA	
	08/27/92		18.17	24.30	1.2	<0.5	<0.5	<0.5	<50	NA	NA	
	11/19/92		19.30	23.17	1.3	<0.5	1	1.1	66	NA	NA	
	02/03/93		14.60	27.87	1.9	2.6	23	12	100	NA	NA	
	06/23/93		15.00	27.47	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	No free product or sheen
	09/22/93		16.66	25.81	2.2	3.8	0.53	2.7	81	NA	NA	No free product or sheen
	01/24/94		16.52	25.95	<0.5	<0.5	<0.5	<0.5	98	NA	NA	
	04/07/94		15.70	26.77	0.71	<0.5	<0.5	<0.5	150	NA	NA	No free product or sheen
	06/07/94		15.88	26.59	<0.5	<0.5	<0.5	<0.5	180	NA	NA	No free product or sheen
	09/28/94		17.51	24.96	<0.5	<0.5	<0.5	<0.5	100	NA	NA	No free product or sheen
	12/14/94		16.27	26.20	<0.5	<0.5	<0.5	<0.5	140	NA	NA	No free product or sheen
	03/15/95		13.52	28.95	<0.5	<0.5	<0.5	<0.5	110	NA	NA	No free product or sheen
	06/13/95		13.96	28.51	<0.5	0.87	<0.5	<0.5	150[a]	NA	NA	No free product or sheen
	09/28/95		15.61	26.86	0.78	<0.5	<0.5	<0.5	<50	NA	NA	No free product or sheen
	12/28/95		15.54	26.93	<0.5	<0.5	<0.5	6.3	410	70	NA	No free product or sheen
	01/30/96		NM	NC	1.0	<0.5	<0.5	11	81	46	NA	Not measured
	03/12/96		11.88	30.59	<0.5	<0.5	<0.5	<0.5	<50	7	NA	No free product or sheen
	06/11/96		13.52	28.95	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
	10/02/96		15.10	27.37	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
	01/28/97		11.18	31.29	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
	05/20/97		14.00	28.47	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
	08/18/97		15.54	26.93	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
	09/29/97		NM	NC	NS	NS	NS	NS	NS	NS	NS	Not measured
	11/05/97		16.25	26.22	<0.5	<0.5	<0.5	<0.5	<50	<5.0/2.8[b]	NA	No free product or sheen
	03/31/98		10.60	31.87	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
	05/26/98		12.01	30.46	NS	NS	NS	NS	NS	NS	NS	No free product or sheen
	05/28/98		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
	08/19/98		13.60	28.87	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen

TABLE 1

GROUND WATER MONITORING DATA

Tesoro Station No. 67107
Former Beacon Station No. 3721
44 Lewelling Boulevard
San Lorenzo, California

Monitoring Well	Date	Top of Riser Elevation (ft)	Depth to 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	11/17/98	42.47	14.53	27.94	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
(Cont.)	02/18/99		12.39	30.08	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
	06/24/99		13.89	28.58	NS	NS	NS	NS	NS	NS	NS	Not sampled
	08/30/99		14.75	27.72	NS	NS	NS	NS	NS	NS	NS	Not sampled
	11/09/99		15.18	27.29	NS	NS	NS	NS	NS	NS	NS	Not sampled
	03/22/00		12.30	30.17	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
	06/12/00		13.69	28.78	NS	NS	NS	NS	NS	NS	NS	Not sampled
	11/15/00		15.73	26.74	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	02/26/01		14.42	28.05	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	05/21/01		15.23	27.24	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	09/05/01		16.31	26.16	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	11/07/01		17.01	25.46	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	02/11/02	44.79	15.72	29.07	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	06/03/02		16.39	28.40	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	08/06/02		18.90	25.89	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	11/14/02		18.93	25.86	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	02/20/03		15.64	29.15	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	05/15/03		14.07	30.72	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	07/31/03		15.21	29.58	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	10/28/03		15.73	29.06	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	02/28/04		13.12	31.67	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	04/16/04		13.92	30.87	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	07/16/04		14.53	30.26	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	11/13/04		14.62	30.17	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	02/04/05		13.74	31.05	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	04/13/05		15.59	29.20	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	08/10/05		14.33	30.46	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	11/05/05		14.98	29.81	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	01/30/06		12.99	31.80	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	04/28/06		11.90	32.89	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	08/15/06		14.13	30.66	NS	NS	NS	NS	NS	NS	NA	Not Sampled

TABLE 1

GROUND WATER MONITORING DATA

Tesoro Station No. 67107
Former Beacon Station No. 3721
44 Lewelling Boulevard
San Lorenzo, California

Monitoring Well	Date	Top of Riser Elevation (ft)	Depth to 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	02/18/92	41.54	15.51	26.03	16	<0.5	10	16	670	NA	NA	
	05/14/92		15.41	26.13	44	<0.5	38	88	1,500	NA	NA	
	08/27/92		17.45	24.09	400	5.8	290	1,400	23,000	NA	NA	
	11/19/92		18.54	23.00	29	<0.5	10	53	330	NA	NA	
	02/03/93		14.10	27.44	200	<0.5	110	480	2,000	NA	NA	
	06/23/93		14.33	27.21	20	<0.5	16	16	280	NA	NA	No free product or sheen
	09/22/93		15.92	25.62	71	2.2	33	210	860	NA	NA	No free product or sheen
	01/24/94		16.07	25.47	61	<1.3	10	160	900	NA	NA	
	04/07/94		15.10	26.44	53	<0.5	7.1	49	630	NA	NA	
	06/07/94		15.16	26.38	55	<0.5	14	24	730	NA	NA	No free product or sheen
	09/28/94		16.82	24.72	21	<0.5	2.3	3.1	300	NA	NA	No free product or sheen
	12/14/94		15.75	25.79	19	<0.5	3.3	32	430	NA	NA	No free product or sheen
	03/15/95		14.00	27.54	0.88	<0.5	<0.5	<0.5	70	NA	NA	No free product or sheen
	06/13/95		13.44	28.10	7.3	0.79	7.6	8.9	190	NA	NA	No free product or sheen
	09/28/95		14.84	26.70	1.5	<0.5	1.2	0.84	60	NA	NA	No free product or sheen
	12/28/95		14.55	26.99	<0.5	<0.5	0.91	0.69	60	10	NA	No free product or sheen
	03/12/96		11.88	29.66	<0.5	<0.5	<0.5	<0.5	<50	11	NA	No free product or sheen
	06/11/96		13.52	28.58	<0.5	<0.5	<0.5	<0.5	79	16	NA	No free product or sheen
	10/02/96		14.50	27.04	<0.5	<0.5	<0.5	<0.5	<50	26	NA	No free product or sheen
	01/28/97		11.08	30.46	<0.5	<0.5	<0.5	<0.5	<50	13	NA	No free product or sheen
	05/20/97		13.46	28.08	<0.5	0.85	<0.5	<0.5	78	40	NA	No free product or sheen
	08/18/97		14.95	26.59	<0.5	<0.5	<0.5	<0.5	<50	18	NA	No free product or sheen
	09/29/97		NM	NC	NS	NS	NS	NS	NS	NS	NA	Not measured
	11/05/97		15.43	26.11	<0.5	<0.5	<0.5	<0.5	<50	8.9/8.0[b]	NA	No free product or sheen
	03/31/98		10.25	31.29	<0.5	<0.5	<0.5	1.3	<5.0	6	NA	No free product or sheen
	05/26/98		11.45	30.09	NS	NS	NS	NS	NS	NS	NS	No free product or sheen
	05/28/98		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	10	NA	No free product or sheen
	08/19/98		13.08	28.46	<0.5	<0.5	<0.5	<0.5	<50	27	NA	No free product or sheen
	11/17/98		13.93	27.61	<0.5	<0.5	<0.5	<0.5	<50	30	NA	No free product or sheen

TABLE 1

GROUND WATER MONITORING DATA

Tesoro Station No. 67107
Former Beacon Station No. 3721
44 Lewelling Boulevard
San Lorenzo, California

Monitoring Well	Date	Top of Riser Elevation (ft)	Depth to 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	02/18/99	41.54	12.16	29.38	<0.5	<0.5	<0.5	<0.5	51	22	NA	No free product or sheen
(Cont.)	06/24/99		13.35	28.19	NS	NS	NS	NS	NS	NS	NS	Not sampled
	08/30/99		14.23	27.31	NS	NS	NS	NS	NS	NS	NS	Not sampled
	11/09/99		14.60	26.94	<0.5	<0.5	<0.5	<0.5	<50	16	NA	No free product or sheen
	03/22/00		11.91	29.63	<0.5	<0.5	<0.5	<0.5	<50	18	NA	No free product or sheen
	06/12/00		13.28	28.26	NS	NS	NS	NS	NS	NS	NS	Not sampled
	11/15/00		15.12	26.42	<0.5	<0.5	<0.5	<0.5	<50	17	NA	No free product or sheen
	02/26/01		13.46	28.08	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	05/21/01		14.31	27.23	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	09/05/01		15.42	26.12	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	11/07/01		16.18	25.36	<0.5	<0.5	<0.5	<0.5	<50	5.4	NA	Not Sampled
	02/11/02	43.85	13.76	30.09	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	06/03/02		14.33	29.52	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	08/06/02		15.04	28.81	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	11/14/02		15.05	28.80	<0.5	<0.5	<0.5	<0.5	<0.5	0.64	ND	No free product or sheen
	02/20/03		14.01	29.84	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	05/15/03		13.81	30.04	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	07/31/03		14.99	28.86	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	10/28/03		15.48	28.37	<0.5	<0.5	<0.5	<0.5	<0.5	<50	ND	No free product or sheen
	02/28/04		12.87	30.98	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	04/16/04		13.54	30.31	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	07/16/04		13.96	29.89	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	11/13/04		14.13	29.72	<0.5	<0.5	<0.5	<0.5	<0.5	<50	ND	No free product or sheen
	02/04/05		13.22	30.63	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	04/13/05		12.15	31.70	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	08/10/05		13.69	30.16	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	11/05/05		14.25	29.60	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	01/30/06		12.59	31.26	<0.5	<0.5	<0.5	<0.5	<0.5	<50	ND	No free product or sheen
	04/28/06		11.50	32.35	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	08/15/06		13.51	30.34	NS	NS	NS	NS	NS	NS	NA	Not Sampled

TABLE 1

GROUND WATER MONITORING DATA

Tesoro Station No. 67107
Former Beacon Station No. 3721
44 Lewelling Boulevard
San Lorenzo, California

Monitoring Well	Date	Top of Riser Elevation (ft)	Depth to 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	02/18/92	42.26	16.57	25.69	<0.5	<0.5	9.5	<0.5	1,200	NA	NA	
	05/14/92		16.24	26.02	<0.5	<0.5	<0.5	<0.5	130	NA	NA	
	08/27/92		18.28	23.98	<0.5	<0.5	<0.5	<0.5	140	NA	NA	
	11/19/92		19.32	22.94	<0.5	<0.5	2.0	<0.5	320	NA	NA	
	02/03/93		14.87	27.39	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	
	06/23/93		15.18	27.08	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	No free product or sheen
	09/22/93		18.79	23.47	<0.5	0.67	<0.5	<0.5	<50	NA	NA	No free product or sheen
	01/24/94		17.06	25.20	<0.5	<0.5	<0.5	<0.5	290	NA	NA	
	04/07/94		15.95	26.31	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	No free product or sheen
	06/07/94		15.10	27.16	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	No free product or sheen
	09/28/94		17.63	24.63	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	No free product or sheen
	12/14/94		16.66	25.60	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	No free product or sheen
	03/15/95		14.30	27.96	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	No free product or sheen
	06/13/95		14.37	27.89	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	No free product or sheen
	09/28/95		15.62	26.64	NS	NS	NS	NS	NS	NA	NA	No free product or sheen
	12/28/95		15.62	26.64	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
	03/12/96		12.75	29.51	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
	06/11/96		13.94	28.32	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
	10/02/96		15.41	26.85	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
	01/28/97		12.30	29.96	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
	05/20/97		14.42	27.84	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
	08/18/97		16.16	26.10	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
	09/29/97		NM	NC	NS	NS	NS	NS	NS	NS	NS	Not measured
	11/05/97		16.25	26.01	<0.5	<0.5	<0.5	<0.5	<50	<5.0/<0.5[b]	NA	No free product or sheen
	03/31/98		11.49	30.77	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
	05/26/98		12.60	29.66	NS	NS	NS	NS	NS	NS	NS	No free product or sheen
	05/28/98		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
	08/19/98		14.15	28.11	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free Product or sheen
	11/17/98		14.98	27.28	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen

TABLE 1

GROUND WATER MONITORING DATA

Tesoro Station No. 67107
Former Beacon Station No. 3721
44 Lewelling Boulevard
San Lorenzo, California

Monitoring Well	Date	Top of Riser Elevation (ft)	Depth to 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	02/18/99	42.26	13.41	28.85	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
(Cont.)	06/24/99		14.35	27.91	NS	NS	NS	NS	NS	NS	NS	Not sampled
	08/30/99		15.16	27.10	NS	NS	NS	NS	NS	NS	NS	Not sampled
	11/09/99		15.61	26.65	NS	NS	NS	NS	NS	NS	NS	Not sampled
	03/22/00		13.17	29.09	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
	06/12/00		14.19	28.07	NS	NS	NS	NS	NS	NS	NS	Not sampled
	11/15/00		16.04	26.22	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	02/26/01		12.99	29.27	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	05/21/01		13.86	28.40	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	09/05/01		14.91	27.35	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	11/07/01		15.62	26.64	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	02/11/02	44.85	13.55	31.30	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	06/03/02		13.96	30.89	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	08/06/02		15.82	29.03	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	11/14/02		15.86	28.99	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	02/20/03		14.70	30.15	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	05/15/03		14.50	30.35	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	07/31/03		15.73	29.12	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	10/28/03		16.14	28.71	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	02/28/04		14.02	30.83	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	04/16/04		14.52	30.33	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	07/16/04		14.88	29.97	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	11/13/04		15.12	29.73	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	02/04/05		14.17	30.68	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	04/13/05		13.16	31.69	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	08/10/05		14.41	30.44	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	11/05/05		14.87	29.98	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	01/30/06		13.65	31.20	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	04/28/06		12.63	32.22	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	08/15/06		14.42	30.43	NS	NS	NS	NS	NS	NS	NA	Not Sampled

TABLE 1

GROUND WATER MONITORING DATA

Tesoro Station No. 67107
Former Beacon Station No. 3721
44 Lewelling Boulevard
San Lorenzo, California

Monitoring Well	Date	Top of Riser Elevation (ft)	Depth to 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	02/18/92	44.94	18.87	26.07	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	
	05/14/92		18.55	26.39	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	
	08/27/92		20.80	24.14	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	
	11/19/92		21.90	23.04	<0.5	<0.5	<0.5	1.3	<50	NA	NA	
	02/03/93		17.25	27.69	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	
	06/23/93		17.61	27.33	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	No free product or sheen
	09/22/93		19.18	25.76	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	No free product or sheen
	01/24/94		19.17	25.77	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	
	04/07/94		18.23	26.71	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	No free product or sheen
	06/07/94		18.40	26.54	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	No free product or sheen
	09/28/94		20.01	24.93	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	No free product or sheen
	12/14/94		18.88	26.06	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	No free product or sheen
	03/15/95		16.24	28.70	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	No free product or sheen
	06/13/95		16.75	28.19	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	No free product or sheen
	09/28/95		18.04	26.90	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	No free product or sheen
	12/28/95		17.87	27.07	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
	03/12/96		NM	NC	NS	NS	NS	NS	NS	NS	NS	Not measured
	06/11/96		16.26	28.68	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
	10/02/96		17.74	27.20	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
	01/28/97		14.51	30.43	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
	05/20/97		16.73	28.21	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
	08/18/97		NM	NC	NS	NS	NS	NS	NS	NS	NS	Not measured
	09/29/97		NM	NC	NS	NS	NS	NS	NS	NS	NS	Not measured
	11/05/97		18.61	26.33	<0.5	<0.5	<0.5	<0.5	<50	<5.0/<0.5[b]	NA	No free product or sheen
	03/31/98		NM	NC	NS	NS	NS	NS	NS	NS	NS	Not measured
	05/26/98		15.28	29.66	NS	NS	NS	NS	NS	NS	NS	No free product or sheen
	05/28/98		NM	NC	NS	NS	NS	NS	NS	NS	NS	Not measured
	08/19/98		16.55	28.39	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
	11/17/98		17.32	27.62	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen

TABLE 1

GROUND WATER MONITORING DATA

Tesoro Station No. 67107
Former Beacon Station No. 3721
44 Lewelling Boulevard
San Lorenzo, California

Monitoring Well	Date	Top of Riser Elevation (ft)	Depth to 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	02/18/99	44.94	15.74	29.20	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
(Cont.)	06/24/99		16.73	28.21	NS	NS	NS	NS	NS	NS	NS	Not sampled
	08/30/99		17.48	27.46	NS	NS	NS	NS	NS	NS	NS	Not sampled
	11/09/99		17.98	26.96	NS	NS	NS	NS	NS	NS	NS	Not sampled
	03/22/00		15.46	29.48	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
	06/12/00		16.70	28.24	NS	NS	NS	NS	NS	NS	NS	Not sampled
	11/15/00		18.65	26.29	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	02/26/01		14.80	30.14	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	05/21/01		15.68	29.26	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	09/05/01		16.70	28.24	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	11/07/01		17.23	27.71	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	02/11/02	47.26	17.16	30.10	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	06/03/02		17.66	29.60	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	No free product or sheen
	08/06/02		18.26	29.00	<0.5	<0.5	<0.5	<0.5	<50	<0.5	ND	No free product or sheen
	11/14/02		18.33	28.93	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	02/20/03		16.85	30.41	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	05/15/03		16.63	30.63	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	07/31/03		17.58	29.68	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	10/28/03		17.93	29.33	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	02/28/04		16.22	31.04	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	04/16/04		16.82	30.44	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	07/16/04		17.33	29.93	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	11/13/04		17.42	29.84	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	02/04/05		16.68	30.58	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	04/13/05		15.78	31.48	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	08/10/05		17.11	30.15	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	11/05/05		17.59	29.67	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	01/30/06		16.06	31.20	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	04/28/06		12.50	34.76	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	08/15/06		16.87	30.39	NS	NS	NS	NS	NS	NS	NA	Not Sampled

TABLE 1

GROUND WATER MONITORING DATA

Tesoro Station No. 67107
Former Beacon Station No. 3721
44 Lewelling Boulevard
San Lorenzo, California

Monitoring Well	Date	Top of Riser Elevation (ft)	Depth to 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-10	02/18/92	42.34	16.63	25.71	110	57	440	53	18,000	NA	NA	
	05/14/92		15.25	27.09	NS	NS	NS	NS	NS	NS	NS	
	05/15/92		NM	NC	24	9.8	97	<0.5	8,500	NA	NA	
	08/27/92		18.35	23.99	NS	NS	NS	NS	NS	NS	NS	
	08/29/92		NM	NC	20	2.8	40	3.5	9,600	NA	NA	
	11/19/92		19.43	22.91	36	21	330	31	5,700	NA	NA	
	02/03/93		15.01	27.33	15	4.6	36	9.6	2,200	NA	NA	
	06/23/93		15.30	27.04	21	24	540	45	8,100	NA	NA	No free product or sheen
	09/22/93		16.90	25.44	22	17	350	16	6,200	NA	NA	No free product or sheen
	01/24/94		NM	NC	NS	NS	NS	NS	NS	NA	NA	Not measured
	04/07/94		15.97	26.37	6.4	2.9	150	4.7	4,000	NA	NA	No free product or sheen
	06/07/94		16.04	26.30	5.6	<2.5	150	5.7	6,700	NA	NA	No free product or sheen
	09/28/94		17.69	24.65	2.2	2.6	110	44	5,700	NA	NA	No free product or sheen
	12/14/94		16.65	25.69	<1.3	<1.3	77	27	3,500	NA	NA	No free product or sheen
	03/15/95		14.08	28.26	<5.0	6.7	150	23	7,200	NA	NA	No free product or sheen
	06/13/95		14.49	27.85	9	48	610	130	8,400	NA	NA	No free product or sheen
	09/28/95		15.81	26.53	22	17	360	24	6,300	NA	NA	No free product or sheen
	12/28/95		15.46	26.88	4.4	5.6	340	11	5,000	37	NA	No free product or sheen
	03/12/96		12.62	29.72	1.4	5.9	41	73	4,500	120	NA	No free product or sheen
	06/11/96		14.40	27.94	<5.0	25	350	81	7,500	<25	NA	No free product or sheen
	10/02/96		15.47	26.87	18	<2.5	<2.5	<2.5	2,600	<25	NA	No free product or sheen
	01/28/97		15.69	26.65	5.9	<2.5	29	19	2,800	<25	NA	No free product or sheen
	05/20/97		14.48	27.86	<20	34	290	74	6,000	<100	NA	No free product or sheen
	08/18/97		15.91	26.43	<20	7.7	94	15	5,900	<50	NA	No free product or sheen
	09/29/97		NM	NC	NS	NS	NS	NS	NS	NS	NS	Not measured
	11/05/97		16.32	26.02	1.1	0.86	47	1.6	5,400	<50/2.3[b]	NA	No free product or sheen
	03/31/98		12.25	30.09	56	180	1,400	3,700	20,000	250	NA	No free product or sheen
	05/26/98		12.97	29.37	NS	NS	NS	NS	NS	NS	NS	No free product or sheen
	05/28/98		NM	NC	76	200	1,600	3,900	16,000	190	NA	No free product or sheen

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GROUND WATER MONITORING DATA

Tesoro Station No. 67107
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44 Lewelling Boulevard
San Lorenzo, California

Monitoring Well	Date	Top of Riser Elevation (ft)	Depth to 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-10	08/19/98	42.34	14.27	28.07	95	160	1,300	1,700	14,000	<100	NA	No free product or sheen
(Cont.)	11/17/98		15.08	27.26	82	64	590	150	7500	290	NA	No free product or sheen
	02/18/99		13.61	28.73	41	16	270	79	4,700	<100	NA	No free product or sheen
	06/24/99		14.50	27.84	27	74	280	160	9,400	300	NA	No free product or sheen
	08/30/99		15.26	27.08	15	33	160	33	8,500	290	NA	No free product or sheen
	11/09/99		15.72	26.62	3.9	11	60	14	7,600	120	NA	No free product or sheen
	03/22/00		13.40	28.94	3.5	33	360	320	5,800	160	NA	No free product or sheen
	06/12/00		14.42	27.92	4.3	47	370	210	7,200	270	NA	No free product or sheen
	11/15/00		16.75	25.59	0.54	2.2	3.8	7.3	4,400	420	NA	No free product or sheen
	02/26/01		14.73	27.61	<1.0	2.5	24	13	5,000	860	NA	No free product or sheen
	05/21/01		15.25	27.09	<0.5	3.2	4.1	12	3,500	530	NA	No free product or sheen
	09/05/01		16.35	25.99	<2.0	<2.0	<2.0	4.1	3,400	770	NA	No free product or sheen
	11/07/01		17.05	25.29	<0.5	0.64	0.75	2.7	3,600	790	NA	No free product or sheen
	02/11/02	44.65	14.94	29.71	<2.0	2.2	61	26	4,100	750	NA	No free product or sheen
	06/03/02		15.41	29.24	<1.0	7.0	67	37	4,100	320	26[e]	No free product or sheen
	08/06/02		15.98	28.67	<1.0	5.4	18	18	4,500	310	18[e]	No free product or sheen
	11/14/02		16.10	28.55	<1.0	<1.0	2.2	6.4	5,200	280	13[e]	No free product or sheen
	02/20/03		14.90	29.75	<1.5	9.5	280	69	6,300	220	ND	No free product or sheen
	05/15/03		14.69	29.96	1.2	14	280	78	5,700	130	11[e]	No free product or sheen
	07/31/03		15.63	29.02	<0.5	4.5	20	17	4,700	110	7.5[e]	No free product or sheen
	10/28/03		16.39	28.26	<0.5	0.54	0.80	2.9	1,900	88	5.9[e]	No free product or sheen
	02/28/04		14.01	30.64	<1.0	<1.0	17	7.9	3,500	44	ND	No free product or sheen
	04/16/04		14.69	29.96	<1.5	3.0	150	34	6,000	53	ND	No free product or sheen
	07/16/04		15.09	29.56	<1.0	3.5	110	29	6,300	40	ND	No free product or sheen
	11/13/04		15.24	29.41	<0.5	4.8	42	23	4,900	25	ND	No free product or sheen
	02/04/05		14.43	30.22	<0.5	3.3	46	30	5,000	21	ND	No free product or sheen
	04/13/05		13.61	31.04	0.81	6.5	200	120	4,000	29	ND	No free product or sheen
	08/10/05		14.82	29.83	2.0	6.5	74	72	6,600	29	ND	No free product or sheen
	11/05/05		15.20	29.45	3.0	9.7	17	56	6,000	5.5	ND	No free product or sheen
	01/30/06		13.97	30.68	1.8	3.9	61	29	3,800	16	ND	No free product or sheen
	04/28/06		13.22	31.43	3.1	7.0	210	120	5,800	38	8.4[e]	No free product or sheen
	08/15/06		14.63	30.02	1.7	4.2	22	40	5,400	42	7.3[e]	No free product or sheen

TABLE 1

GROUND WATER MONITORING DATA

Tesoro Station No. 67107
Former Beacon Station No. 3721
44 Lewelling Boulevard
San Lorenzo, California

Monitoring Well	Date	Top of Riser Elevation (ft)	Depth to 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-11	02/18/92	45.00	17.00	28.00	<0.5	<0.5	<0.5	<0.5	2,400	NA	NA	
	05/14/92		19.02	25.98	<0.5	1.9	1.3	0.7	1,600	NA	NA	
	08/27/92		21.13	23.87	15	2	0.6	1.2	2,100	NA	NA	
	11/19/92		17.91	27.09	<0.5	<0.5	<0.5	<0.5	490	NA	NA	
	02/03/92		17.91	27.09	<0.5	<0.5	0.55	<0.5	500	NA	NA	
	06/23/93		18.14	26.86	<0.5	<0.5	<0.5	<0.5	350	NA	NA	No free product or sheen
	09/22/93		19.63	25.37	<0.5	0.65	<0.5	0.71	200	NA	NA	No free product or sheen
	01/24/94		19.79	25.21	<0.5	<0.5	<0.5	<0.5	450	NA	NA	
	04/07/94		18.78	26.22	<0.5	<0.5	<0.5	<0.5	500	NA	NA	No free product or sheen
	06/07/94		18.88	26.12	<0.5	<0.5	<0.5	0.64	560	NA	NA	No free product or sheen
	09/28/94		20.45	24.55	<0.5	<0.5	<0.5	<0.5	600	NA	NA	No free product or sheen
	12/14/94		19.45	25.55	<0.5	<0.5	<0.5	<0.5	340	NA	NA	No free product or sheen
	03/15/95		17.32	27.68	<0.5	<0.5	<0.5	<0.5	340	NA	NA	No free product or sheen
	06/13/95		17.43	27.57	<0.5	<0.5	<0.5	<0.5	210[a]	NA	NA	No free product or sheen
	09/28/95		18.67	26.33	4.1	0.5	<0.5	<0.5	93	NA	NA	No free product or sheen
	12/28/95		18.31	26.69	<0.5	<0.5	<0.5	<0.5	380[a]	<5.0	NA	No free product or sheen
	03/12/96		15.89	29.11	<0.5	<0.5	<0.5	<0.5	110	<5.0	NA	No free product or sheen
	06/11/96		16.98	28.02	<0.5	<0.5	<0.5	<0.5	400[a]	<5.0	NA	No free product or sheen
	10/02/96		18.20	26.80	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
	01/28/97		12.53	32.47	<0.5	<0.5	<0.5	<0.5	110[a]	<5.0	NA	No free product or sheen
	05/20/97		17.36	27.64	<0.5	<0.5	<0.5	<0.5	330	<5.0	NA	No free product or sheen
	08/18/97		18.84	26.16	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
	09/29/97		NM	NC	NS	NS	NS	NS	NS	NS	NS	Not measured
	11/05/97		NM	NC	NS	NS	NS	NS	NS	NS	NS	Not measured
	03/31/98		15.39	29.61	<0.5	2.8	12	16	460	<5.0	NA	No free product or sheen
	05/26/98		16.25	28.75	NS	NS	NS	NS	NS	NS	NS	No free product or sheen
	05/28/98		NM	NC	14	24	88	75	1,100	24	NA	No free product or sheen
	08/19/98		17.30	27.70	16	9.6	69	17	1,200	6	NA	No free product or sheen
	11/17/98		18.05	26.95	15	4.4	14	<0.5	580	21	NA	No free product or sheen

TABLE 1

GROUND WATER MONITORING DATA

Tesoro Station No. 67107
Former Beacon Station No. 3721
44 Lewelling Boulevard
San Lorenzo, California

Monitoring Well	Date	Top of Riser Elevation (ft)	Depth to 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-11	02/18/99	45.00	16.87	28.13	8.0	<0.5	1.4	<0.5	390	44	NA	No free product or sheen
(Cont.)	06/24/99		17.50	27.50	4.6	<0.5	0.66	<0.5	610	59	NA	No free product or sheen
	08/30/99		18.19	26.81	NS	NS	NS	NS	NS	NS	NS	Not sampled
	11/09/99		18.64	26.36	0.87	<0.5	<0.5	<0.5	250	66	NA	No free product or sheen
	03/22/00		16.52	28.48	<0.5	<0.5	<0.5	<0.5	330	100	NA	No free product or sheen
	06/12/00		17.44	27.56	<0.5	<0.5	<0.5	<0.5	52	49	NA	No free product or sheen
	11/15/00		19.07	25.93	<0.5	<0.5	<0.5	<0.5	<50	1.8	NA	
	02/26/01		17.80	27.20	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	05/21/01		18.23	26.77	<0.5	<0.5	<0.5	<0.5	<50	30	NA	No free product or sheen
	09/05/01		19.21	25.79	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	11/07/01		19.80	25.20	<0.5	<0.5	<0.5	<0.5	360	330	NA	No free product or sheen
	02/11/02	47.36	17.40	29.96	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	06/03/02		18.30	29.06	<0.5	<0.5	<0.5	<0.5	120	220	13[e]	No free product or sheen
	08/06/02		18.80	28.56	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	11/14/02		18.94	28.42	<1.0	<1.0	<1.0	<1.0	240	380	ND	No free product or sheen
	02/20/03		17.46	29.90	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	05/15/03		17.64	29.72	<0.5	<0.5	<0.5	<0.5	160	170	ND	No free product or sheen
	07/31/03		18.81	28.55	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	10/28/03		19.20	28.16	<0.5	<0.5	<0.5	<0.5	<50	35	ND	No free product or sheen
	02/28/04		17.33	30.03	<0.5	<0.5	<0.5	<0.5	360	140	ND	No free product or sheen
	04/16/04		17.67	29.69	<0.5	<0.5	<0.5	<0.5	440	110	ND	No free product or sheen
	07/16/04		18.01	29.35	<0.5	<0.5	<0.5	<0.5	<50	10	ND	No free product or sheen
	11/13/04		18.19	29.17	<0.5	<0.5	<0.5	<0.5	230	49	ND	No free product or sheen
	02/04/05		17.47	29.89	<0.5	<0.5	<0.5	<0.5	<50	7.0	ND	No free product or sheen
	04/13/05		16.81	30.55	<0.5	<0.5	<0.5	<0.5	<50	12	ND	No free product or sheen
	08/10/05		17.74	29.62	NS	NS	NS	NS	NS	NS	NS	Not Accessible
	11/05/05		18.14	29.22	<0.5	0.71	<0.5	1.6	310	4.8	ND	No free product or sheen
	01/30/06		17.11	30.25	<0.5	<0.5	<0.5	<0.5	<50	1.0	ND	No free product or sheen
	04/28/06		16.49	30.87	<0.5	<0.5	<0.5	<0.5	<50	1.8	ND	No free product or sheen
	08/15/06		17.61	29.75	<0.5	<0.5	<0.5	<0.5	65	9.1	ND	No free product or sheen

TABLE 1

GROUND WATER MONITORING DATA

Tesoro Station No. 67107
Former Beacon Station No. 3721
44 Lewelling Boulevard
San Lorenzo, California

Monitoring Well	Date	Top of Riser Elevation (ft)	Depth to 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
RW-1	05/14/92	43.17	16.88	26.29	NS	NS	NS	NS	NS	NS	NS	
	05/15/92		NM	NC	270	62	29	140	790	NA	NA	
	08/27/92		19.05	24.12	1,300	200	68	810	24,000	NA	NA	
	11/19/92		21.11	22.07	NS	NS	NS	NS	NS	NS	NS	
	02/03/92		15.48	27.69	71	35	22	110	620	NA	NA	
	06/23/93		28.25	14.92	30	33	9.8	35	220	NA	NA	No free product or sheen
	09/22/93		17.83	25.34	800	400	170	910	4,100	NA	NA	No free product or sheen
	01/24/94		24.00	19.17	33	6	6.9	23	190	NA	NA	
	04/07/94		16.05	27.12	110	57	32	260	1,500	NA	NA	No free product or sheen
	06/07/94		16.00	27.17	130	51	45	180	1,700	NA	NA	No free product or sheen
	09/28/94		18.35	24.82	54	9.2	12	29	350	NA	NA	No free product or sheen
	12/14/94		19.50	23.67	6.8	2.1	1.2	3.4	79	NA	NA	No free product or sheen
	03/15/95		17.00	26.17	NS	NS	NS	NS	NS	NS	NS	No free product or sheen
	04/10/95		NM	NC	54	11	11	69	410	NA	NA	Not measured
	06/13/95		14.95	28.22	1,600	780	340	1,400	8,200	NA	NA	No free product or sheen
	09/28/95		27.63	15.54	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	No free product or sheen
	12/28/95		14.54	28.63	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
	03/12/96		11.02	32.15	<0.5	<0.5	<0.5	<0.5	86	110	NA	No free product or sheen
	06/11/96		14.52	28.65	38	11	4.7	50	230	68	NA	No free product or sheen
	10/02/96		15.53	27.64	68	29	14	75	360	47	NA	No free product or sheen
	01/28/97		12.59	30.58	0.77	<0.5	<0.5	<0.5	<50	9	NA	No free product or sheen
	05/20/97		14.85	28.32	<0.5	<0.5	<0.5	<0.5	<50	32	NA	No free product or sheen
	08/18/97		16.19	26.98	25	<0.5	<0.5	3.6	220	170	NA	No free product or sheen
	09/29/97		NM	NC	240	2.8	51	55	900	230	NA	Not measured
	11/05/97		16.95	26.22	340	3.2	59	78	1,300	240/220[b]	NA	No free product or sheen
	03/31/98		11.85	31.32	450	130	200	940	4,100	4,100	NA	No free product or sheen
	05/26/98		13.13	30.04	NS	NS	NS	NS	NS	NS	NS	No free product or sheen
	05/28/98		NM	NC	830	210	170	720	17,000	14,000	NA	No free product or sheen
	08/19/98		14.70	28.47	20	<2.5	7.1	15	540	2,100	NA	No free product or sheen

TABLE 1

GROUND WATER MONITORING DATA

Tesoro Station No. 67107
Former Beacon Station No. 3721
44 Lewelling Boulevard
San Lorenzo, California

Monitoring Well	Date	Top of Riser Elevation (ft)	Depth to 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
RW-1	11/17/98	43.17	15.54	27.63	7.8	<2.5	5.6	<2.5	630	730	NA	No free product or sheen
(cont)	02/18/99		13.75	29.42	6.7	1.6	3.2	15	180	100	NA	No free product or sheen
	06/24/99		14.96	28.21	<0.5	<0.5	<0.5	<0.5	<50	42	NA	No free product or sheen
	08/30/99		15.75	27.42	<0.5	<0.5	<0.5	<0.5	<50	79	NA	No free product or sheen
	11/09/99		17.45	25.72	<0.5	<0.5	<0.5	<0.5	<50	78	NA	No free product or sheen
	03/22/00		13.51	29.66	1.2	<0.5	<0.5	<0.5	<50	17	NA	No free product or sheen
	06/12/00		13.65	29.52	<0.5	<0.5	<0.5	1.0	<50	40	NA	No free product or sheen
	11/15/00		29.45	13.72	<0.5	<0.5	<0.5	<0.5	<50	290	NA	No free product or sheen
	02/26/01		28.40	14.77	<0.5	<0.5	<0.5	<0.5	<50	360	NA	No free product or sheen
	05/21/01		43.17	27.81	4.1	1.6	1.8	23	100	170	NA	No free product or sheen
	09/05/01		26.90	16.27	33	<0.5	<0.5	<0.5	73	310	NA	No free product or sheen
	11/07/01		28.41	14.76	<0.5	<0.5	<0.5	<0.5	<50	240	NA	No free product or sheen
	02/11/02	45.47	27.61	17.86	<0.5	<0.5	<0.5	<0.5	<50	21	NA	No free product or sheen
	06/03/02		26.90	18.57	<0.5	<0.5	<0.5	<0.5	<50	160	7.7[e]	No free product or sheen
	08/06/02		25.56	19.91	<0.5	<0.5	<0.5	<0.5	<50	190	6.0[e]	No free product or sheen
	11/14/02		24.83	20.64	<0.5	<0.5	<0.5	<0.5	<50	170	ND	No free product or sheen
	02/20/03		23.56	21.91	<0.5	<0.5	<0.5	<0.5	<50	120	ND	No free product or sheen
	05/15/03		22.80	22.67	<0.5	<0.5	<0.5	<0.5	<50	110	ND	No free product or sheen
	07/31/03		21.71	23.76	<0.5	<0.5	<0.5	<0.5	<50	99	ND	No free product or sheen
	10/28/03		22.07	23.40	<0.5	<0.5	<0.5	<0.5	<50	88	ND	No free product or sheen
	02/28/04		19.32	26.15	1.3	<0.5	<0.5	<0.5	<50	52	ND	No free product or sheen
	04/16/04		23.95	21.52	<0.5	<0.5	<0.5	<0.5	<50	57	ND	No free product or sheen
	07/16/04		30.04	15.43	0.72	<0.5	<0.5	<0.5	<50	100	7.2[e]	No free product or sheen
	11/13/04		15.63	29.84	1.0	<0.5	<0.5	<0.5	<50	71	ND	No free product or sheen
	02/04/05		18.57	26.90	<0.5	<0.5	<0.5	<0.5	<50	45	ND	No free product or sheen
	04/13/05		24.21	21.26	1.1	<0.5	<0.5	<0.5	<50	52	12[e]	No free product or sheen
	08/10/05		33.59	11.88	<0.5	<0.5	<0.5	<0.5	<50	29	ND	No free product or sheen
	11/05/05		25.63	19.84	<0.5	<0.5	<0.5	<0.5	<50	27	ND	No free product or sheen
	01/30/06		24.39	21.08	0.61	<0.5	<0.5	1.3	<50	23	ND	No free product or sheen
	04/28/06		16.32	29.15	0.69	<0.5	<0.5	1.6	<50	16	ND	No free product or sheen
	08/15/06		34.04	11.43	<0.5	<0.5	<0.5	<0.5	<50	18	ND	No free product or sheen

TABLE 1

GROUND WATER MONITORING DATA

Tesoro Station No. 67107
Former Beacon Station No. 3721
44 Lewelling Boulevard
San Lorenzo, California

Monitoring Well	Date	Top of Riser Elevation (ft)	Depth to 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
RW-2	11/13/04		16.17	NC	<0.5	<0.5	45	70	4,200	29	ND	No free product or sheen
	02/04/05		15.44	NC	<0.5	<0.5	24	24	2,900	41	ND	No free product or sheen
	04/13/05		14.54	NC	<0.5	<0.5	8.6	9.9	1,400	39	ND	No free product or sheen
	08/10/05		15.93	NC	<0.5	<0.5	26	33	2,900	29	ND	No free product or sheen
	11/05/05		16.36	NC	<0.5	<0.5	16	19	2,400	12	ND	No free product or sheen
	01/30/06		14.83	NC	<0.5	<0.5	4.6	5.3	1,200	17	ND	No free product or sheen
	04/28/06		13.93	NC	<0.5	<0.5	12	15	1,200	19	ND	No free product or sheen
	08/15/06		15.67	NC	<0.5	<0.5	6.7	7.0	1,200	18	ND	No free product or sheen
DW-15800*	01/14/03	NM	NM	NC	<0.5	<0.5	<0.5	<0.5	<50	0.81	ND	No free product or sheen
	03/20/03	NM	NM	NC	<0.5	<0.5	<0.5	<0.5	<50	<0.5	ND	No free product or sheen
DW-15808*	01/14/03	NM	NM	NC	<0.5	<0.5	<0.5	<0.5	<50	<0.5	ND	No free product or sheen
	03/20/03	NM	NM	NC	<0.5	<0.5	<0.5	<0.5	<50	<0.5	ND	No free product or sheen

[a] Product is not typical gasoline.

[b] MTBE by EPA Method 8020/EPA Method 8260.

[c] Constituents by EPA Method 8260.

[d] Oxygenates = diisopropyl ether, ethyl-t-butyl ether, tert-amyl methyl ether, tert-butanol, methanol, and ethanol.

[e] Tert-Butanol

[f] Tert-amly methyl ether

* = Domestic Water Wells (used as irrigation wells) Located at 15800 & 15808 Via Cordoba, San Lorenzo, CA.

Top of Riser Elevations = Elevations surveyed relative to mean sea level.

TPH = Total petroleum hydrocarbons.

MTBE = Methyl tertiary butyl ether.

µg/L = Micrograms per liter.

NS = Not sampled.

NM = Not measured.

NC = Not calculated.

NA = Not analyzed.

Note: Aegis Environmental, Inc. collected data prior to June 23, 1993.

TABLE 2

MNA MONITORING DATA

Tesoro Station No. 67107
Former Beacon Station No. 3721
44 Lewelling Boulevard
San Lorenzo, 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	08/15/06	7.00	1.43	-68	603	71.4	27	0.0	290	2.8	5.69
		6.99	1.34	-72	646	72.1		0.0			
		7.02	1.28	-68	696	72.2		0.0			
		7.04	1.30	-77	702	72.0		0.0			
MW-2	08/15/06	6.87	1.98	44	577	72.2	36	0.0	250	2.2	0.141
		6.83	1.87	49	587	71.7		0.0			
		6.87	2.03	51	631	71.5		0.0			
MW-3R	08/15/06	6.78	0.48	-130	934	78.3	75	1.8	480	6.9	2.79
		6.84	0.51	-126	917	71.0		2.2			
		6.87	0.41	-124	887	71.9		2.0			
MW-4	08/15/06	6.74	3.86	23	700	70.8	48	0.0	240	2.3	<0.10
		6.73	1.36	20	713	71.2		0.0			
		6.74	1.42	29	717	70.9		0.0			
		6.73	1.27	26	718	70.8		0.0			
MW-10	08/15/06	6.84	1.18	-59	908	72.7	95	0.0	480	4.7	1.63
		6.83	1.25	-64	906	72.9		1.6			
		6.82	1.28	-62	910	72.4		1.6			
MW-11	08/15/06	6.75	1.13	-89	883	68.6	60	1.0	290	2.5	0.306
		6.74	1.08	-97	819	68.4		1.0			
		6.75	1.10	-92	805	69.7		1.0			
RW-1	08/15/06	7.07	1.31	73.00	860	69.1	37	0.0	370	2.4	2.38
		7.08	1.45	71.00	853	69.5		0.4			
		7.06	1.49	43.00	861	69.6		0.0			

TABLE 2

MNA MONITORING DATA

Tesoro Station No. 67107
Former Beacon Station No. 3721
44 Lewelling Boulevard
San Lorenzo, 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)
RW-2	08/15/06	7.04	0.98	-50.00	824	70.0	31	0.6	370	2.9	22.9
		7.05	0.89	-55.00	810	71.8		0.6			
		7.14	0.91	-52.00	800	70.3		0.6			

D.O. = Dissolved Oxygen
ORP = Oxygen Reduction Potential
ppm = parts per million

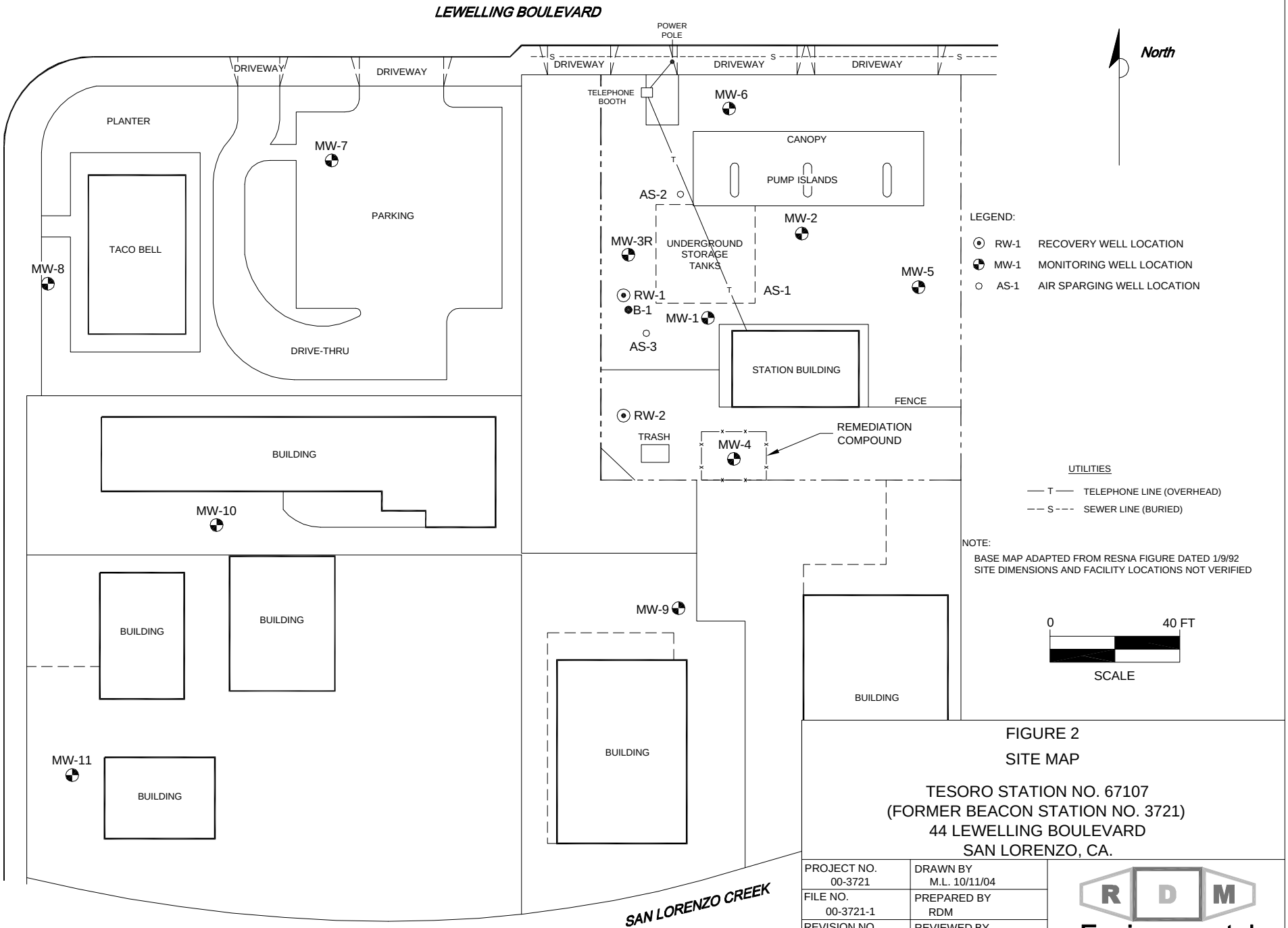


FIGURE 2

SITE MAP

TESORO STATION NO. 67107
(FORMER BEACON STATION NO. 3721)
44 LEWELLING BOULEVARD
SAN LORENZO, CA.

PROJECT NO. 00-3721	DRAWN BY M.L. 10/11/04
FILE NO. 00-3721-1	PREPARED BY RDM
REVISION NO. 2	REVIEWED BY

R D M Environmental

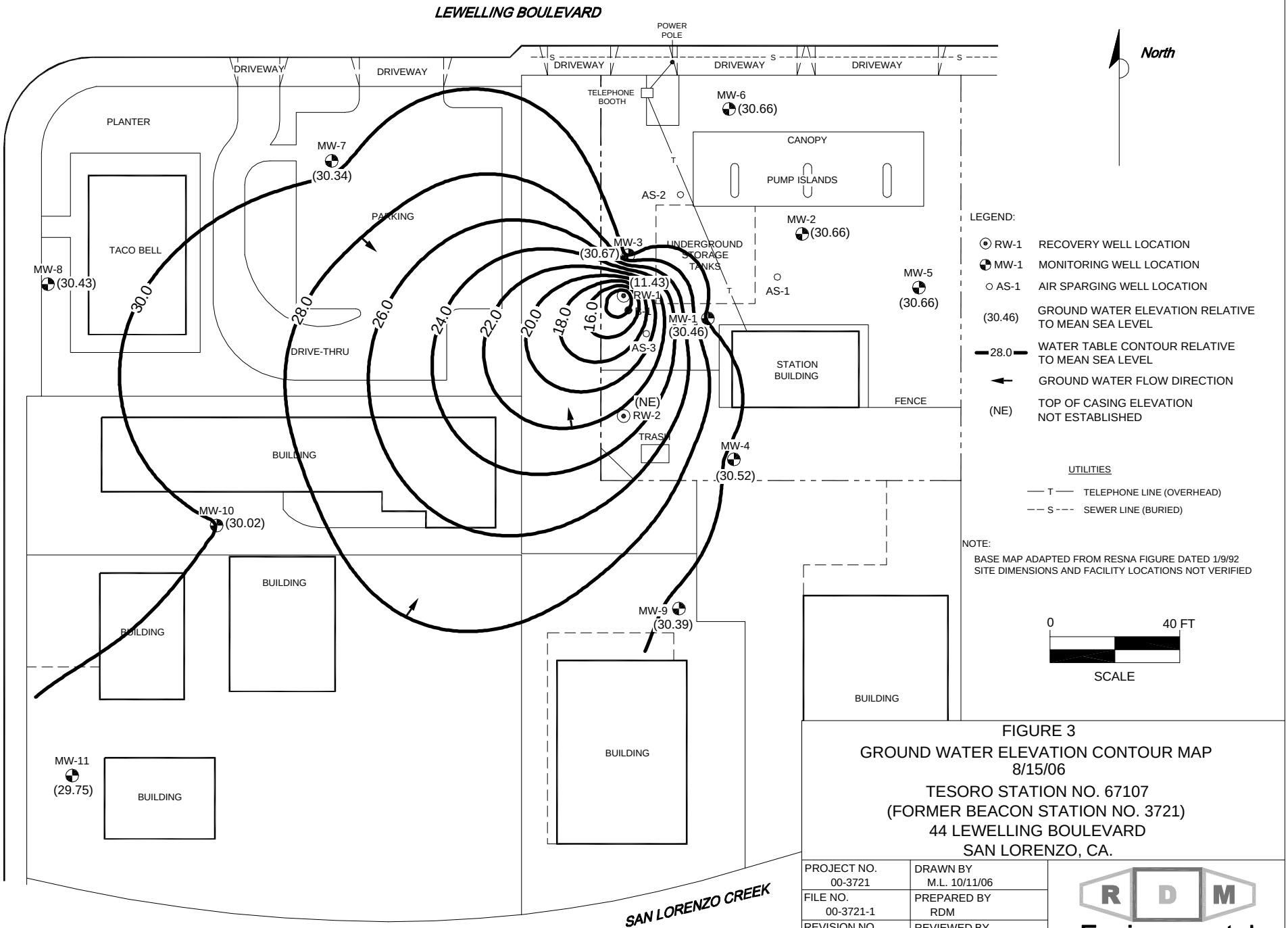


FIGURE 3
GROUND WATER ELEVATION CONTOUR MAP
8/15/06
TESORO STATION NO. 67107
(FORMER BEACON STATION NO. 3721)
44 LEWELLING BOULEVARD
SAN LORENZO, CA.

PROJECT NO. 00-3721	DRAWN BY M.L. 10/11/06
FILE NO. 00-3721-1	PREPARED BY RDM
REVISION NO. 1	REVIEWED BY

R D M Environmental

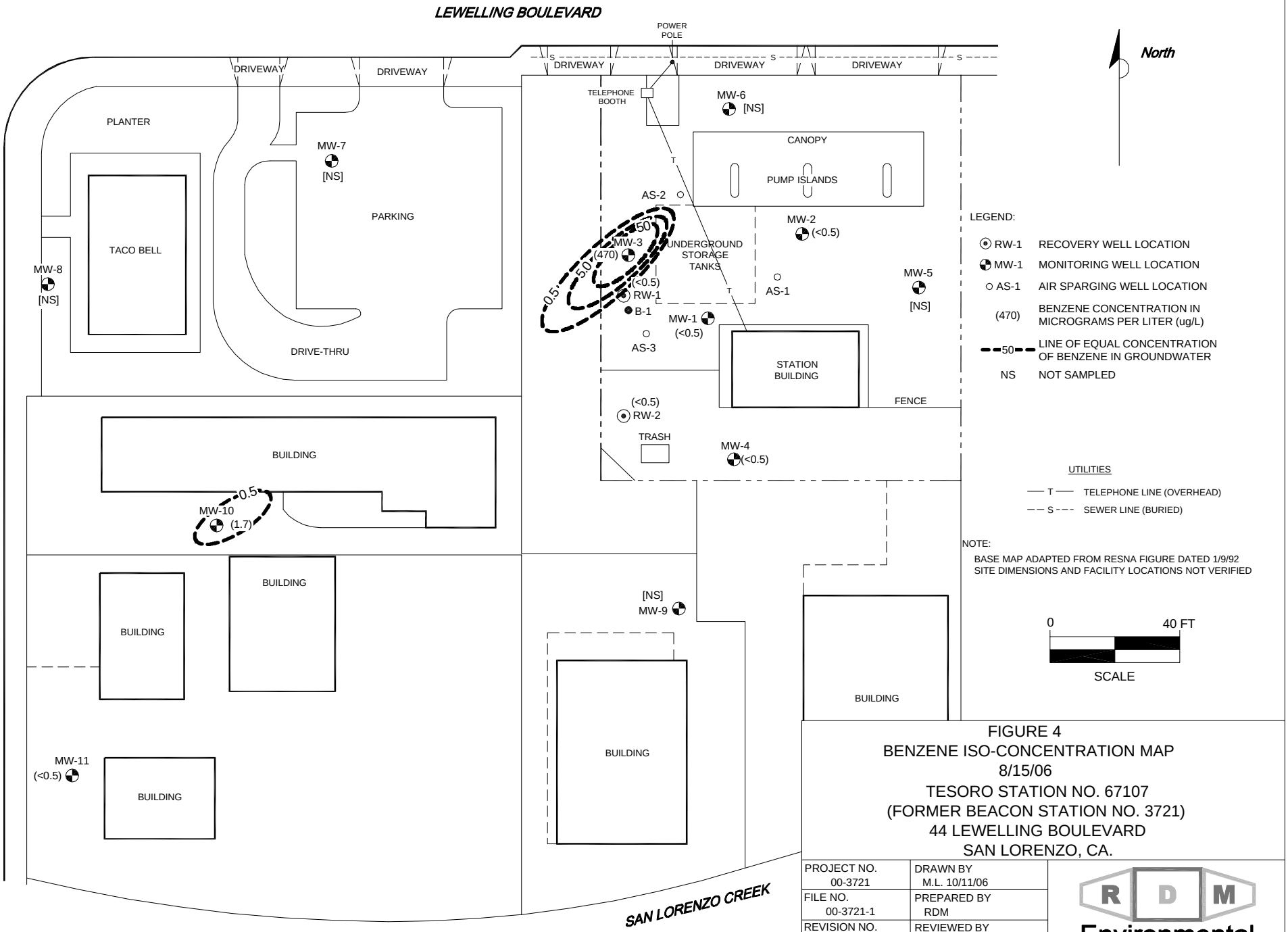


FIGURE 4
BENZENE ISO-CONCENTRATION MAP
8/15/06
TESORO STATION NO. 67107
(FORMER BEACON STATION NO. 3721)
44 LEWELLING BOULEVARD
SAN LORENZO, CA.

PROJECT NO. 00-3721	DRAWN BY M.L. 10/11/06
FILE NO. 00-3721-1	PREPARED BY RDM
REVISION NO. 1	REVIEWED BY

RDM Environmental

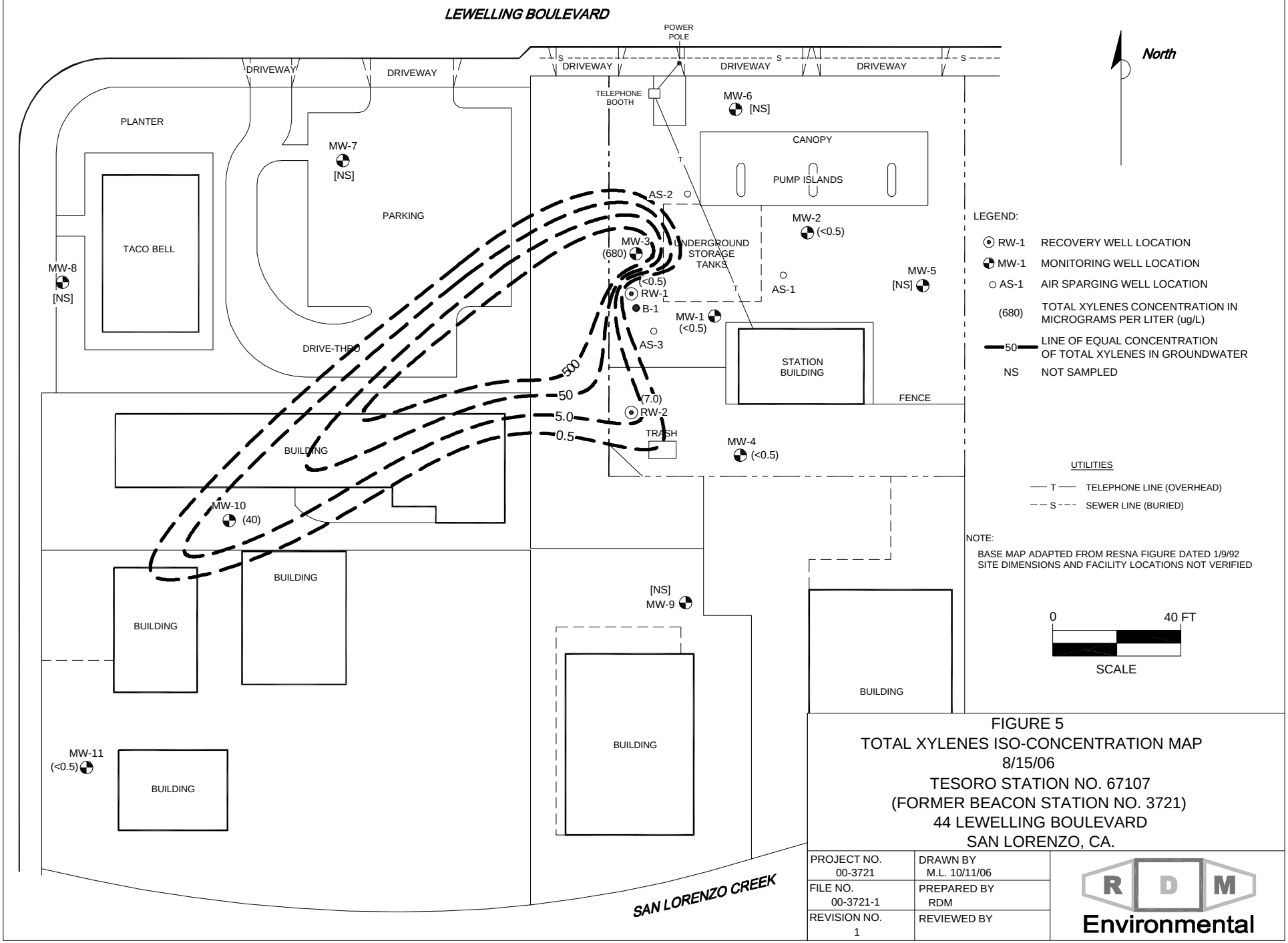


FIGURE 5
TOTAL XYLENES ISO-CONCENTRATION MAP
8/15/06
TESORO STATION NO. 67107
(FORMER BEACON STATION NO. 3721)
44 LEWELLING BOULEVARD
SAN LORENZO, CA.

PROJECT NO. 00-3721	DRAWN BY M.L. 10/11/06
FILE NO. 00-3721-1	PREPARED BY RDM
REVISION NO. 1	REVIEWED BY

RDM Environmental

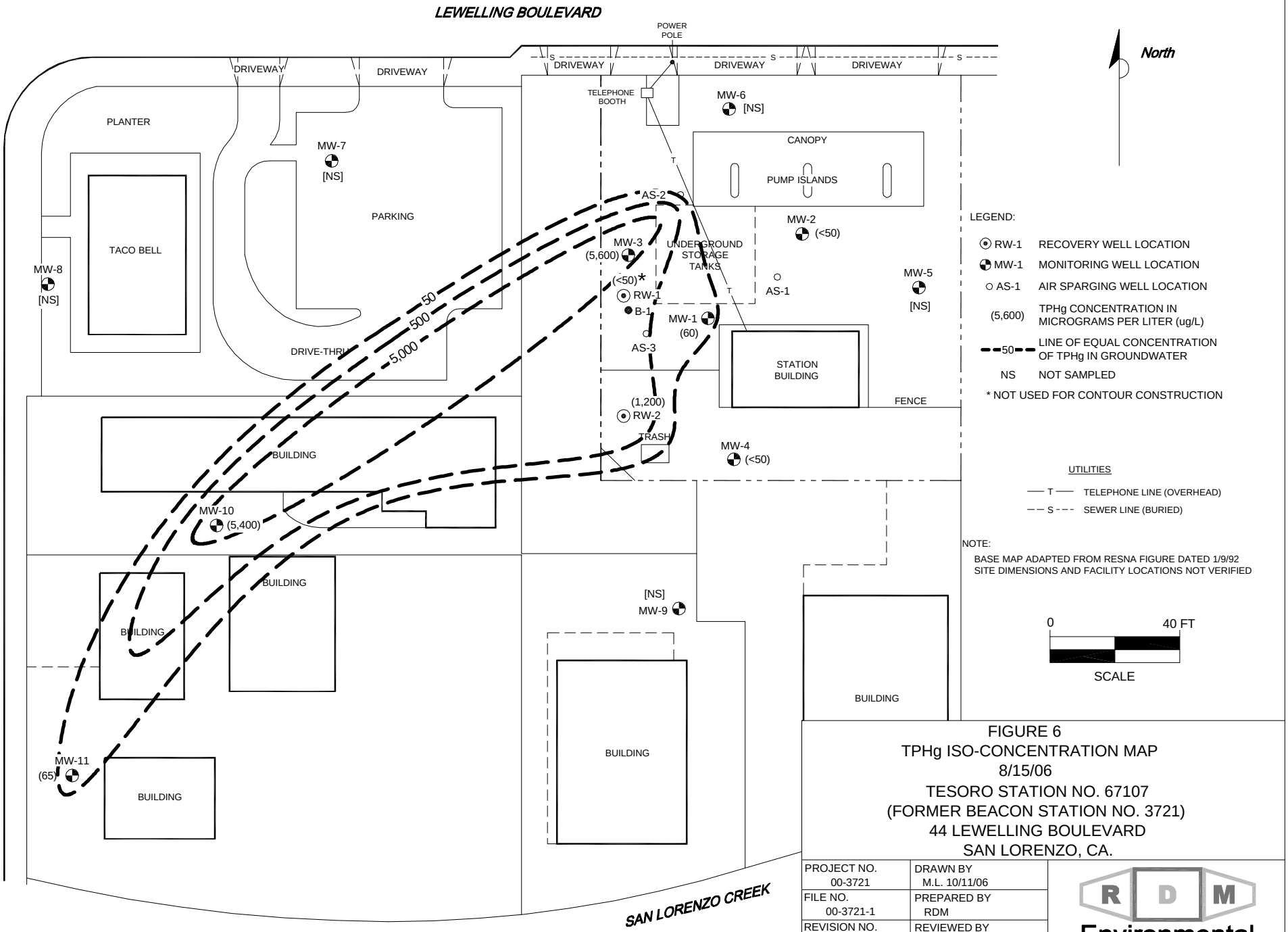


FIGURE 6
TPHg ISO-CONCENTRATION MAP
8/15/06
TESORO STATION NO. 67107
(FORMER BEACON STATION NO. 3721)
44 LEWELLING BOULEVARD
SAN LORENZO, CA.

PROJECT NO. 00-3721	DRAWN BY M.L. 10/11/06
FILE NO. 00-3721-1	PREPARED BY RDM
REVISION NO. 1	REVIEWED BY

RDM Environmental

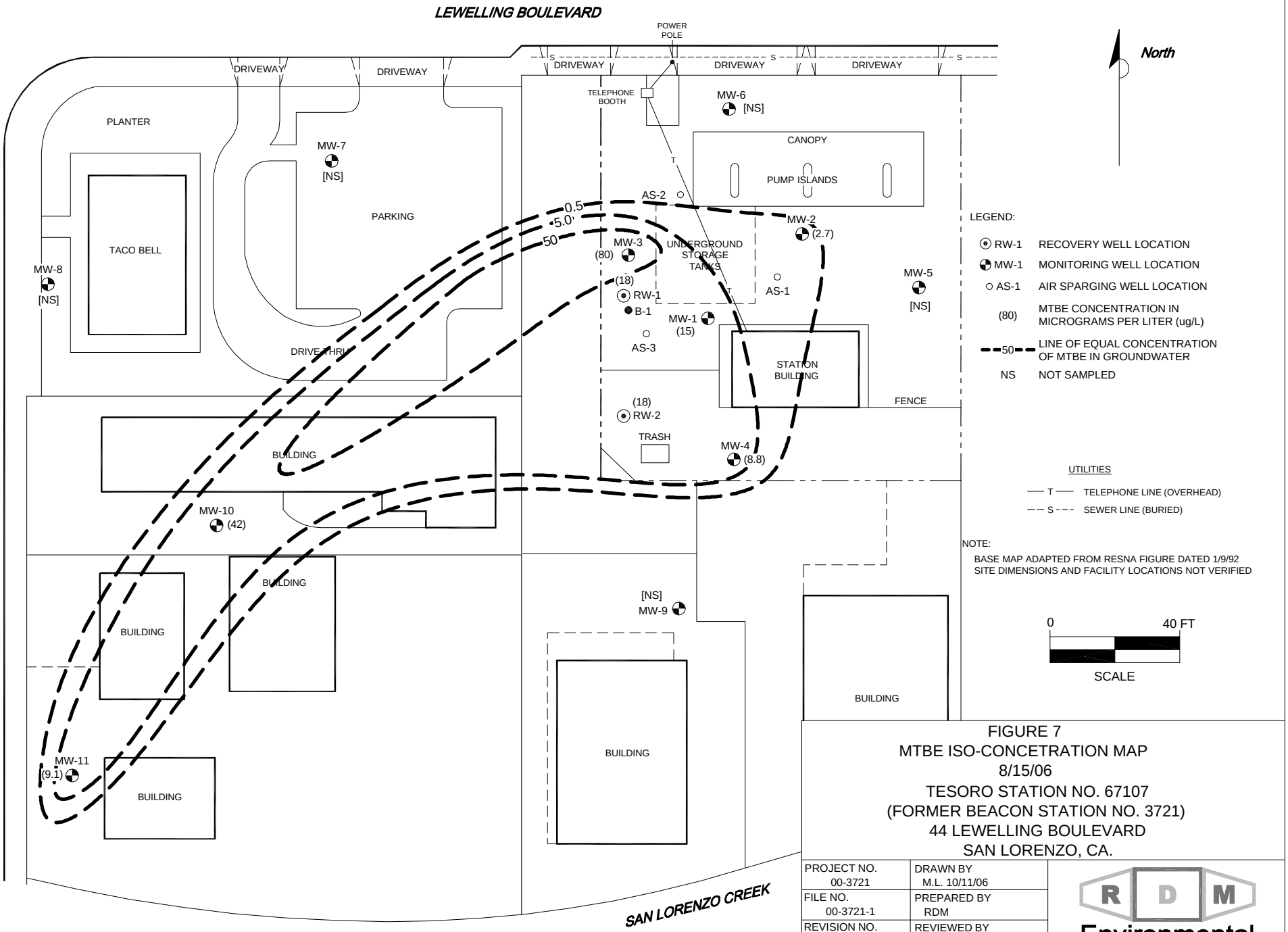
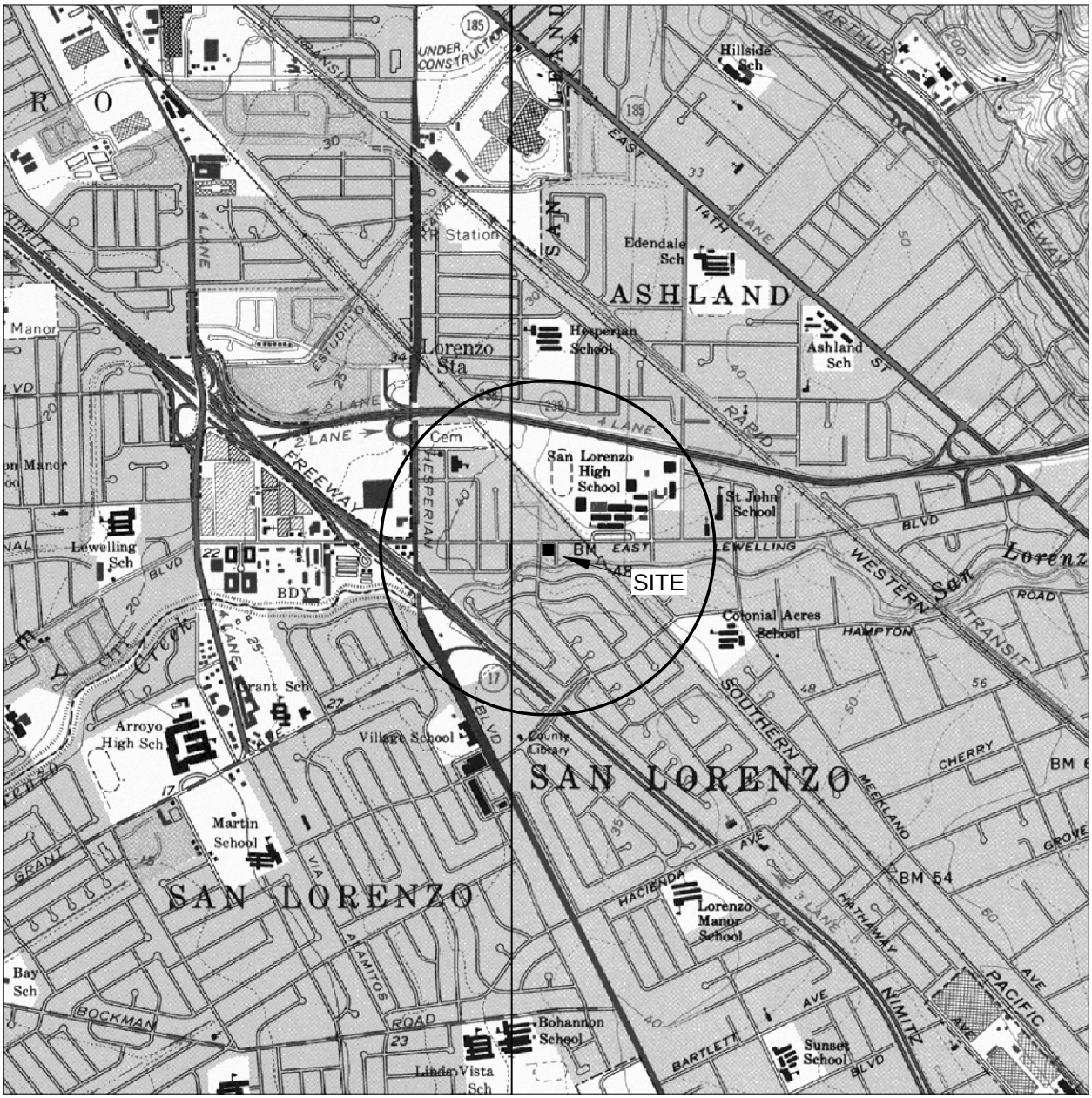


FIGURE 7
MTBE ISO-CONCETRATION MAP
8/15/06
TESORO STATION NO. 67107
(FORMER BEACON STATION NO. 3721)
44 LEWELLING BOULEVARD
SAN LORENZO, CA.

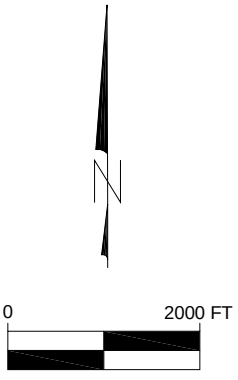
PROJECT NO. 00-3721	DRAWN BY M.L. 10/11/06
FILE NO. 00-3721-1	PREPARED BY RDM
REVISION NO. 1	REVIEWED BY

R D M Environmental



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

QUADRANGLE LOCATION



SCALE 1:24,000

FIGURE 1
SITE LOCATION MAP
TESORO STATION NO. 67107
(FORMER BEACON STATION NO. 3721)
44 LEWELLING BOULEVARD
SAN LORENZO, CA.

PROJECT NO. 00-3721	DRAWN BY M.L. 12/15/00
FILE NO. 00-3721-1A	PREPARED BY RDM
REVISION NO. 1	REVIEWED BY

R D M Environmental

Appendix A

Ground Water Sampling Data Sheets –
Quarterly Ground Water Sampling

RDM ENVIRONMENTAL

GROUND WATER LEVEL DATA

Project Address: Tesoro Station 67107
44 Lewelling Boulevard

Date: 8/15/2006

Technicians : ~~SC~~/DH /MS

Project Number: 02-67107

Well Number	Sample Order	Time	Depth to Water	Total Depth	Depth to Product	Product Thickness	Comments
MW-1	5	0804	15.52	33.64			
MW-2	3	0800	14.57	34.35			
MW-3R	8	0811	14.54	30.00			
MW-4	1	0754	16.46	24.45			
MW-5		0822	15.46	19.30			
MW-6		0821	14.13	28.43			
MW-7		0817	13.51	24.17			
MW-8		0814	14.42	22.99			
MW-9		0819	16.87	23.57			
MW-10	7	0808	14.63	29.40			
MW-11	2	0757	17.61	29.34			
RW-1	4	0802	34.04	34.10			
RW-2	6	0806	15.67	30.00			

Client:	Tesoro	Sample Data:	8/15/2006
Site:	Tesor Station 67107	Project Number:	02-67107
	44 Lewelling Blvd, San Lorenzo, CA	**Well Designation:**	MW-1
Signature:			

Well Box Condition/Traffic

Traffic Control	(Yes) No	Time:	0804 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	6"		
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	✓

Sampling -

Disposable Bailer	✓	Teflon Bailer		Disposable Tubing	

Well Purging

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

Initial Measurement		Recharge Measurement		Calculated Purge	8.69
Time:	0804	Time:		Actual Purge	10.0
Depth of Well	33.64	Depth to Water			
Depth to Water	15.52				

Sample

Start Purge 1104 Sample Time 1123

Time	Temperature	pH	E.C.	D.O.	ORP	Fe+2		Volume
1106	71.4	7.00	603	1.43	-68	0.0		1
1111	72.1	6.99	646	1.34	-72	0.0		2
1116	72.2	7.02	696	1.28	-68	0.0		3
1118	72.0	7.04	702	1.30	-77	0.0		4

Sample Appearance CLEAR Lock OK

Equipment Replacement

Lock OK Well Cap OK Bolts 3 OK Box OK

Remarks:

Client:	Tesoro	Sample Data:	8/15/2006
Site:	Tesor Station 67107	Project Number:	02-67107
	44 Lewelling Blvd, San Lorenzo, CA	**Well Designation:**	MW-2
Signature:			

Well Box Condition/Traffic

Traffic Control	(Yes) No	Time:	0800 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	NOT MARKED

Purging/Sampling Equipment

Purging -

2" Disposable Bailer		Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	✓

Sampling -

Disposable Bailer	✓	Teflon Bailer		Disposable Tubing	

Well Purging

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

Initial Measurement		Recharge Measurement		Calculated Purge	9.49
Time:	0800	Time:		Actual Purge	9.50
Depth of Well	34.35	Depth to Water			
Depth to Water	14.57				

Sample

Start Purge 1007 Sample Time 1026

Time	Temperature	pH	E.C.	D.O.	ORP	Fe+2		Volume
1010	72.2	6.87	577	1.98	44	0.0		1
1015	71.7	6.83	587	1.87	49	0.0		2
1020	71.5	6.87	631	2.03	51	0.0		3

Sample Appearance Clear Lock OK

Equipment Replacement

Lock OK Well Cap OK Bolts 4 ok Box OK

Remarks:

Client: Tesoro
Site: Tesor Station 67107
44 Lewelling Blvd, San Lorenzo, CA
Signature:

Sample Data: 8/15/2006
Project Number: 02-67107
Well Designation: MW-3R

Well Box Condition/Traffic

Traffic Control	(Yes) No	Time:	0811 hours
Standing water	Yes (No)	above or below casing	
Top of well level	(Yes) No	Remark:	
Well cap & locked	Yes (No)	Remark:	LOCK MISSING
Height of Riser	2"		
Well Box (8") 12" 24"		Type of well box	MORRISON DUBUQUE

Purging/Sampling Equipment

Purging -

2" Disposable Bailer		Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	✓

Sampling -

Disposable Bailer	✓	Teflon Bailer		Disposable Tubing	

Well Purging

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

Initial Measurement		Recharge Measurement		Calculated Purge	68.18
Time:	0811	Time:		Actual Purge	50.0
Depth of Well	30.00	Depth to Water			
Depth to Water	14.54				

Sample

Start Purge: 1344 Sample Time: 1420

Time	Temperature	pH	E.C.	D.O.	ORP	Fe+2		Volume
1351	78.3	6.78	934	0.48	-130	1.8		1
1401	71.0	6.84	917	0.51	-126	2.2		2
1412	71.9	6.87	887	0.41	-124	2.0		3

Sample Appearance: CLEAR Lock: OK

Equipment Replacement

Lock: MISSING Well Cap: OK Bolts: 2 OK Box: OK

Remarks:

Client:	Tesoro	Sample Data:	8/15/2006
Site:	Tesor Station 67107	Project Number:	02-67107
	44 Lewelling Blvd, San Lorenzo, CA	**Well Designation:**	MW-4
Signature:			

Well Box Condition/Traffic

Traffic Control	Yes (No)	Time:	0754 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	DIVERSIFIED WELL PROD.

Purging/Sampling Equipment

Purging -

2" Disposable Bailer		Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	✓

Sampling -

Disposable Bailer	✓	Teflon Bailer		Disposable Tubing	

Well Purging

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

Initial Measurement		Recharge Measurement		Calculated Purge	3.83
Time:	0754	Time:		Actual Purge	6.0
Depth of Well	24.45	Depth to Water			
Depth to Water	16.46				

Sample

Start Purge	0845	Sample Time	0907

Time	Temperature	pH	E.C.	D.O.	ORP	Fe+2		Volume
0848	70.8	6.74	700	3.86	23	0.0		1
0852	71.2	6.73	713	1.36	20	0.0		2
0856	70.9	6.74	717	1.42	29	0.0		3
0858	70.8	6.73	718	1.27	26	0.0		4

Sample Appearance	CLEAR	Lock	OK

Equipment Replacement

Lock	OK	Well Cap	OK	Bolts	-2	Box	BROKEN LID

Remarks:

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client:	Tesoro	Sample Data:	8/15/2006
Site:	Tesor Station 67107	Project Number:	02-67107
	44 Lewelling Blvd, San Lorenzo, CA	**Well Designation:**	MW-10
Signature:			

Well Box Condition/Traffic

Traffic Control	(Yes) No	Time:	0808 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	1"		
Well Box	(8") 12" 24"	Type of well box	BRAINARD - KILMAN

Purging/Sampling Equipment

Purging -

2" Disposable Bailer		Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	✓

Sampling -

Disposable Bailer	✓	Teflon Bailer		Disposable Tubing	

Well Purging

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

Initial Measurement		Recharge Measurement		Calculated Purge	7.09
Time:	0808	Time:		Actual Purge	
Depth of Well	29.40	Depth to Water			
Depth to Water	14.63				

Sample

Start Purge: 1259 Sample Time: 1329

Time	Temperature	pH	E.C.	D.O.	ORP	Fe+2		Volume
1317	72.7	6.84	908	1.18	-59	0.0		1
1320	72.9	6.83	906	1.25	-64	1.6		2
1324	72.4	6.82	910	1.28	-62	1.6		3

Sample Appearance: CLEAR Lock: ok

Equipment Replacement

Lock: ok Well Cap: ok Bolts: 3 (MISSING) Box: ok

Remarks:

Client:	Tesoro	Sample Data:	8/15/2006
Site:	Tesor Station 67107	Project Number:	02-67107
	44 Lewelling Blvd, San Lorenzo, CA	**Well Designation:**	MW-11
Signature:	MA		

Well Box Condition/Traffic

Traffic Control	(Yes) No	Time:	0937 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	BRAINARD - KILMAN

Purging/Sampling Equipment

Purging -

2" Disposable Bailer		Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	✓

Sampling -

Disposable Bailer	✓	Teflon Bailer		Disposable Tubing	

Well Purging

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

Initial Measurement		Recharge Measurement		Calculated Purge	5.63
Time:	0757	Time:		Actual Purge	6.0
Depth of Well	29.34	Depth to Water			
Depth to Water	17.61				

Sample

Start Purge 0937 Sample Time 0950

Time	Temperature	pH	E.C.	D.O.	ORP	Fe+2		Volume
0939	68.6	6.75	883	1.13	-89	1.0		1
0941	68.4	6.74	819	1.08	-97	1.0		2
0943	69.7	6.75	805	1.10	-92	1.0		3

Sample Appearance CLEAR Lock ok

Equipment Replacement

Lock	ok	Well Cap	ok	Bolts	-2 (1 = SHEARED OFF)	Box	ok

Remarks:

RDM ENVIRONMENTAL SAMPLE INFORMATION SHEET

Client:	Tesoro	Sample Data:	8/15/2006
Site:	Tesor Station 67107	Project Number:	02-67107
	44 Lewelling Blvd, San Lorenzo, CA	**Well Designation:**	RW-1
Signature:			

Well Box Condition/Traffic

Traffic Control	(Yes) No	Time:	hours
Standing water	Yes (No)	above or below casing	
Top of well level	(Yes) No	Remark:	
Well cap & locked	Yes (No)	Remark:	ACTIVE RECOVERY WELL
Height of Riser	8"		
Well Box	8" 12" 24" (36")	Type of well box	NOT MARKED

Purging/Sampling Equipment

Purging - N/A ACTIVE RECOVERY WELL

2" Disposable Bailer		Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	

Sampling - GRAB SAMPLE

Disposable Bailer		Teflon Bailer		Disposable Tubing	

Well Purging

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

Initial Measurement		Recharge Measurement		Calculated Purge	.26
Time:	0802	Time:		Actual Purge	
Depth of Well	34.10	Depth to Water			
Depth to Water	34.04				

Sample

Start Purge: N/A Sample Time: 1042

Time	Temperature	pH	E.C.	D.O.	ORP	Fe+2		Volume
1042	69.1	7.07	860	1.31	73	0.0		1
1046	69.5	7.08	853	1.45	71	0.4		2
1048	69.6	7.06	861	1.49	43	0.0		3

Sample Appearance: CLEAR Lock: OK

Equipment Replacement

Lock	OK	Well Cap	OK	Bolts	4 (STRIPPED)	Box	OK

Remarks:

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client:	Tesoro	Sample Data:	8/15/2006
Site:	Tesor Station 67107	Project Number:	02-67107
	44 Lewelling Blvd, San Lorenzo, CA	**Well Designation:**	RW-2
Signature:			

Well Box Condition/Traffic

Traffic Control	Yes (No)	Time:	0806 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	0"		
Well Box (8") 12" 24"		Type of well box	MORRISON DUBUQUE

Purging/Sampling Equipment

Purging -

2" Disposable Bailer		Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	✓

Sampling -

Disposable Bailer	✓	Teflon Bailer		Disposable Tubing	

Well Purging

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

Initial Measurement		Recharge Measurement		Calculated Purge	63.19
Time:	0806	Time:		Actual Purge	50.00
Depth of Well	30.00	Depth to Water			
Depth to Water	15.67				

Sample

Start Purge: 1140 Sample Time: 1212

Time	Temperature	pH	E.C.	D.O.	ORP	Fe+2		Volume
1150	70.0	7.04	824	0.98	-50	0.6		1
1157	71.8	7.05	810	0.89	-55	0.6		2
1203	70.3	7.14	800	0.91	-52	0.6		3

Sample Appearance: CLOUDY Lock: OK

Equipment Replacement

Lock: MISSING Well Cap: OK Bolts: 2 OK Box: OK

Remarks:

Appendix B

Official Laboratory Reports and Chain of Custody Records –
Quarterly Ground Water Samples

KIFF Analytical LLC

Report Number : 51670
Date : 8/22/2006

Richard Munsch
RDM Environmental
6280 Brookshire Drive
Rocklin, CA 95677

Subject : 8 Water Samples
Project Name : 67107
Project Number : 67107

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 : 51670
Date : 8/22/2006

Subject : 8 Water Samples
Project Name : 67107
Project Number : 67107

Case Narrative

The Method Reporting Limit for Ethanol has been increased due to the presence of an interfering compound for sample MW-10.

Approved By: Joel Kiff

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

KIFF Analytical LLC

Report Number : 51670

Date : 8/22/2006

Project Name : **67107**

Project Number : **67107**

Sample : **MW-1** Matrix : Water Lab Number : 51670-01

Sample Date :8/15/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	8/17/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	8/17/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	8/17/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	8/17/2006
Methyl-t-butyl ether (MTBE)	**15**	0.50	ug/L	EPA 8260B	8/17/2006
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	8/17/2006
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	8/17/2006
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	8/17/2006
Tert-Butanol	**10**	5.0	ug/L	EPA 8260B	8/17/2006
Methanol	**< 50**	50	ug/L	EPA 8260B	8/17/2006
Ethanol	**< 5.0**	5.0	ug/L	EPA 8260B	8/17/2006
TPH as Gasoline	**60**	50	ug/L	EPA 8260B	8/17/2006
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	8/17/2006
4-Bromofluorobenzene (Surr)	93.6		% Recovery	EPA 8260B	8/17/2006

Approved By: Joel Kiff

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

KIFF Analytical LLC

Report Number : 51670

Date : 8/22/2006

Project Name : **67107**

Project Number : **67107**

Sample : **MW-2** Matrix : Water Lab Number : 51670-02

Sample Date :8/15/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	8/17/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	8/17/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	8/17/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	8/17/2006
Methyl-t-butyl ether (MTBE)	**2.7**	0.50	ug/L	EPA 8260B	8/17/2006
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	8/17/2006
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	8/17/2006
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	8/17/2006
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	8/17/2006
Methanol	**< 50**	50	ug/L	EPA 8260B	8/17/2006
Ethanol	**< 5.0**	5.0	ug/L	EPA 8260B	8/17/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	8/17/2006
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	8/17/2006
4-Bromofluorobenzene (Surr)	94.6		% Recovery	EPA 8260B	8/17/2006

Approved By: Joel Kiff

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

KIFF Analytical LLC

Report Number : 51670

Date : 8/22/2006

Project Name : **67107**

Project Number : **67107**

Sample : **MW-3R** Matrix : Water Lab Number : 51670-03

Sample Date :8/15/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**470**	1.5	ug/L	EPA 8260B	8/18/2006
Toluene	**11**	1.5	ug/L	EPA 8260B	8/18/2006
Ethylbenzene	**500**	1.5	ug/L	EPA 8260B	8/18/2006
Total Xylenes	**680**	1.5	ug/L	EPA 8260B	8/18/2006
Methyl-t-butyl ether (MTBE)	**80**	1.5	ug/L	EPA 8260B	8/18/2006
Diisopropyl ether (DIPE)	**< 1.5**	1.5	ug/L	EPA 8260B	8/18/2006
Ethyl-t-butyl ether (ETBE)	**< 1.5**	1.5	ug/L	EPA 8260B	8/18/2006
Tert-amyl methyl ether (TAME)	**< 1.5**	1.5	ug/L	EPA 8260B	8/18/2006
Tert-Butanol	**92**	7.0	ug/L	EPA 8260B	8/18/2006
Methanol	**< 150**	150	ug/L	EPA 8260B	8/18/2006
Ethanol	**< 15**	15	ug/L	EPA 8260B	8/18/2006
TPH as Gasoline	**5600**	150	ug/L	EPA 8260B	8/18/2006
Toluene - d8 (Surr)	97.7		% Recovery	EPA 8260B	8/18/2006
4-Bromofluorobenzene (Surr)	108		% Recovery	EPA 8260B	8/18/2006

Approved By: Joel Kiff

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

KIFF Analytical LLC

Report Number : 51670

Date : 8/22/2006

Project Name : **67107**

Project Number : **67107**

Sample : **MW-4** Matrix : Water Lab Number : 51670-04

Sample Date :8/15/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	8/17/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	8/17/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	8/17/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	8/17/2006
Methyl-t-butyl ether (MTBE)	**8.8**	0.50	ug/L	EPA 8260B	8/17/2006
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	8/17/2006
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	8/17/2006
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	8/17/2006
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	8/17/2006
Methanol	**< 50**	50	ug/L	EPA 8260B	8/17/2006
Ethanol	**< 5.0**	5.0	ug/L	EPA 8260B	8/17/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	8/17/2006
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	8/17/2006
4-Bromofluorobenzene (Surr)	94.9		% Recovery	EPA 8260B	8/17/2006

Approved By: Joel Kiff

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

KIFF Analytical LLC

Report Number : 51670

Date : 8/22/2006

Project Name : **67107**

Project Number : **67107**

Sample : **MW-10** Matrix : Water Lab Number : 51670-05

Sample Date :8/15/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**1.7**	0.90	ug/L	EPA 8260B	8/19/2006
Toluene	**4.2**	0.90	ug/L	EPA 8260B	8/19/2006
Ethylbenzene	**22**	0.90	ug/L	EPA 8260B	8/19/2006
Total Xylenes	**40**	0.90	ug/L	EPA 8260B	8/19/2006
Methyl-t-butyl ether (MTBE)	**42**	0.90	ug/L	EPA 8260B	8/19/2006
Diisopropyl ether (DIPE)	**< 0.90**	0.90	ug/L	EPA 8260B	8/19/2006
Ethyl-t-butyl ether (ETBE)	**< 0.90**	0.90	ug/L	EPA 8260B	8/19/2006
Tert-amyl methyl ether (TAME)	**< 0.90**	0.90	ug/L	EPA 8260B	8/19/2006
Tert-Butanol	**7.3**	5.0	ug/L	EPA 8260B	8/19/2006
Methanol	**< 90**	90	ug/L	EPA 8260B	8/19/2006
Ethanol	**< 50**	50	ug/L	EPA 8260B	8/19/2006
TPH as Gasoline	**5400**	90	ug/L	EPA 8260B	8/19/2006
Toluene - d8 (Surr)	98.6		% Recovery	EPA 8260B	8/19/2006
4-Bromofluorobenzene (Surr)	98.8		% Recovery	EPA 8260B	8/19/2006

Approved By: Joel Kiff

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

KIFF Analytical LLC

Report Number : 51670

Date : 8/22/2006

Project Name : **67107**

Project Number : **67107**

Sample : **MW-11** Matrix : Water Lab Number : 51670-06

Sample Date :8/15/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	8/17/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	8/17/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	8/17/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	8/17/2006
Methyl-t-butyl ether (MTBE)	**9.1**	0.50	ug/L	EPA 8260B	8/17/2006
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	8/17/2006
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	8/17/2006
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	8/17/2006
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	8/17/2006
Methanol	**< 50**	50	ug/L	EPA 8260B	8/17/2006
Ethanol	**< 5.0**	5.0	ug/L	EPA 8260B	8/17/2006
TPH as Gasoline	**65**	50	ug/L	EPA 8260B	8/17/2006
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	8/17/2006
4-Bromofluorobenzene (Surr)	92.2		% Recovery	EPA 8260B	8/17/2006

Approved By: Joel Kiff

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

KIFF Analytical LLC

Report Number : 51670

Date : 8/22/2006

Project Name : **67107**

Project Number : **67107**

Sample : **RW-1** Matrix : Water Lab Number : 51670-07

Sample Date :8/15/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	8/17/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	8/17/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	8/17/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	8/17/2006
Methyl-t-butyl ether (MTBE)	**18**	0.50	ug/L	EPA 8260B	8/17/2006
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	8/17/2006
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	8/17/2006
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	8/17/2006
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	8/17/2006
Methanol	**< 50**	50	ug/L	EPA 8260B	8/17/2006
Ethanol	**< 5.0**	5.0	ug/L	EPA 8260B	8/17/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	8/17/2006
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	8/17/2006
4-Bromofluorobenzene (Surr)	95.0		% Recovery	EPA 8260B	8/17/2006

Approved By: Joel Kiff

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

KIFF Analytical LLC

Report Number : 51670

Date : 8/22/2006

Project Name : **67107**

Project Number : **67107**

Sample : **RW-2** Matrix : Water Lab Number : 51670-08

Sample Date :8/15/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	8/17/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	8/17/2006
Ethylbenzene	**6.7**	0.50	ug/L	EPA 8260B	8/17/2006
Total Xylenes	**7.0**	0.50	ug/L	EPA 8260B	8/17/2006
Methyl-t-butyl ether (MTBE)	**18**	0.50	ug/L	EPA 8260B	8/17/2006
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	8/17/2006
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	8/17/2006
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	8/17/2006
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	8/17/2006
Methanol	**< 50**	50	ug/L	EPA 8260B	8/17/2006
Ethanol	**< 5.0**	5.0	ug/L	EPA 8260B	8/17/2006
TPH as Gasoline	**1200**	50	ug/L	EPA 8260B	8/17/2006
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	8/17/2006
4-Bromofluorobenzene (Surr)	96.0		% Recovery	EPA 8260B	8/17/2006

Approved By: Joel Kiff

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

Report Number : 51670

Date : 8/22/2006

QC Report : Method Blank Data

Project Name : **67107**

Project Number : **67107**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	8/17/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	8/17/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	8/17/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	8/17/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	8/17/2006
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	8/17/2006
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	8/17/2006
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	8/17/2006
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	8/17/2006
Methanol	< 50	50	ug/L	EPA 8260B	8/17/2006
Ethanol	< 5.0	5.0	ug/L	EPA 8260B	8/17/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	8/17/2006
Toluene - d8 (Surr)	98.6		%	EPA 8260B	8/17/2006
4-Bromofluorobenzene (Surr)	95.6		%	EPA 8260B	8/17/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	8/19/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	8/19/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	8/19/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	8/19/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	8/19/2006
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	8/19/2006
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	8/19/2006
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	8/19/2006
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	8/19/2006
Methanol	< 50	50	ug/L	EPA 8260B	8/19/2006
Ethanol	< 5.0	5.0	ug/L	EPA 8260B	8/19/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	8/19/2006
Toluene - d8 (Surr)	99.2		%	EPA 8260B	8/19/2006
4-Bromofluorobenzene (Surr)	100		%	EPA 8260B	8/19/2006

Benzene	< 0.50	0.50	ug/L	EPA 8260B	8/16/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	8/16/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	8/16/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	8/16/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	8/16/2006
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	8/16/2006
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	8/16/2006
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	8/16/2006
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	8/16/2006
Methanol	< 50	50	ug/L	EPA 8260B	8/16/2006
Ethanol	< 5.0	5.0	ug/L	EPA 8260B	8/16/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	8/16/2006
Toluene - d8 (Surr)	101		%	EPA 8260B	8/16/2006
4-Bromofluorobenzene (Surr)	94.0		%	EPA 8260B	8/16/2006

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

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

Report Number : 51670

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 8/22/2006

Project Name : **67107**

Project Number : **67107**

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	51652-04	<0.50	39.9	39.9	44.8	44.3	ug/L	EPA 8260B	8/17/06	112	111	1.13	70-130	25
Toluene	51652-04	<0.50	39.9	39.9	42.9	42.4	ug/L	EPA 8260B	8/17/06	108	106	1.19	70-130	25
Tert-Butanol	51652-04	<5.0	200	200	206	215	ug/L	EPA 8260B	8/17/06	103	108	4.24	70-130	25
Methyl-t-Butyl Ether	51652-04	12	39.9	39.9	48.7	47.2	ug/L	EPA 8260B	8/17/06	90.6	86.7	4.42	70-130	25
Benzene	51632-12	0.60	40.0	40.0	44.3	42.2	ug/L	EPA 8260B	8/16/06	109	104	4.87	70-130	25
Toluene	51632-12	3.4	40.0	40.0	46.7	44.5	ug/L	EPA 8260B	8/16/06	108	103	5.07	70-130	25
Tert-Butanol	51632-12	6.3	200	200	212	196	ug/L	EPA 8260B	8/16/06	103	94.9	8.14	70-130	25
Methyl-t-Butyl Ether	51632-12	200	40.0	40.0	244	239	ug/L	EPA 8260B	8/16/06	104	89.1	15.3	70-130	25
Benzene	51741-01	<0.50	40.0	40.0	40.6	39.6	ug/L	EPA 8260B	8/19/06	101	99.0	2.41	70-130	25
Toluene	51741-01	<0.50	40.0	40.0	39.6	38.3	ug/L	EPA 8260B	8/19/06	99.1	95.8	3.35	70-130	25
Tert-Butanol	51741-01	<5.0	200	200	196	196	ug/L	EPA 8260B	8/19/06	98.2	98.2	0.0539	70-130	25
Methyl-t-Butyl Ether	51741-01	<0.50	40.0	40.0	37.7	37.2	ug/L	EPA 8260B	8/19/06	94.2	92.9	1.37	70-130	25

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

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

Report Number : 51670

QC Report : Laboratory Control Sample (LCS)

Date : 8/22/2006

Project Name : **67107**

Project Number : **67107**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	40.0	ug/L	EPA 8260B	8/17/06	112	70-130
Toluene	40.0	ug/L	EPA 8260B	8/17/06	109	70-130
Tert-Butanol	200	ug/L	EPA 8260B	8/17/06	100	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	8/17/06	87.6	70-130
Benzene	40.0	ug/L	EPA 8260B	8/16/06	104	70-130
Toluene	40.0	ug/L	EPA 8260B	8/16/06	107	70-130
Tert-Butanol	200	ug/L	EPA 8260B	8/16/06	97.2	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	8/16/06	89.6	70-130
Benzene	40.0	ug/L	EPA 8260B	8/19/06	98.3	70-130
Toluene	40.0	ug/L	EPA 8260B	8/19/06	99.5	70-130
Tert-Butanol	200	ug/L	EPA 8260B	8/19/06	97.1	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	8/19/06	95.5	70-130

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

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

KIFF Analytical LLC

Analysis Summary

Report Number : 51670

Date : 8/22/2006

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

Project Name :67107
Project Number : 67107

			Sample Name	MW-1	MW-2		MW-3R		MW-4		MW-10		MW-11		RW-1		RW-2	
			Sample Date	8/15/2006	8/15/2006		8/15/2006		8/15/2006		8/15/2006		8/15/2006		8/15/2006		8/15/2006	
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	0.50	ND	1.5	**470**	0.50	ND	0.90	**1.7**	0.50	ND	0.50	ND	0.50	ND
Toluene	EPA 8260B	ug/L		0.50	ND	0.50	ND	1.5	**11**	0.50	ND	0.90	**4.2**	0.50	ND	0.50	ND	0.50	ND
Ethylbenzene	EPA 8260B	ug/L		0.50	ND	0.50	ND	1.5	**500**	0.50	ND	0.90	**22**	0.50	ND	0.50	ND	0.50	**6.7**
Total Xylenes	EPA 8260B	ug/L		0.50	ND	0.50	ND	1.5	**680**	0.50	ND	0.90	**40**	0.50	ND	0.50	ND	0.50	**7.0**
Methyl-t-butyl ether (MTBE)	EPA 8260B	ug/L		0.50	**15**	0.50	**2.7**	1.5	**80**	0.50	**8.8**	0.90	**42**	0.50	**9.1**	0.50	**18**	0.50	**18**
Diisopropyl ether (DIPE)	EPA 8260B	ug/L		0.50	ND	0.50	ND	1.5	ND	0.50	ND	0.90	ND	0.50	ND	0.50	ND	0.50	ND
Ethyl-t-butyl ether (ETBE)	EPA 8260B	ug/L		0.50	ND	0.50	ND	1.5	ND	0.50	ND	0.90	ND	0.50	ND	0.50	ND	0.50	ND
Tert-amyl methyl ether (TAME)	EPA 8260B	ug/L		0.50	ND	0.50	ND	1.5	ND	0.50	ND	0.90	ND	0.50	ND	0.50	ND	0.50	ND
Tert-Butanol	EPA 8260B	ug/L		5.0	**10**	5.0	ND	7.0	**92**	5.0	ND	5.0	**7.3**	5.0	ND	5.0	ND	5.0	ND
Methanol	EPA 8260B	ug/L		50	ND	50	ND	150	ND	50	ND	90	ND	50	ND	50	ND	50	ND
Ethanol	EPA 8260B	ug/L		5.0	ND	5.0	ND	15	ND	5.0	ND	50	ND	5.0	ND	5.0	ND	5.0	ND
TPH as Gasoline	EPA 8260B	ug/L		50	**60**	50	ND	150	**5600**	50	ND	90	**5400**	50	**65**	50	ND	50	**1200**
Toluene - d8 (Surr)	EPA 8260B	%			100		100		97.7		101		98.6		100		102		102
4-Bromofluorobenzene (Surr)	EPA 8260B	%			93.6		94.6		108		94.9		98.8		92.2		95.0		96.0

MRL = Method Reporting Limit
ND = Not Detected

Approved By,

Joel Kiff

Calscience
Environmental
Laboratories, Inc.

August 23, 2006

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

Subject: **Calscience Work Order No.: 06-08-1002**
Client Reference: 67107

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 8/17/2006 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,

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: 08/17/06
Work Order No: 06-08-1002
Preparation: EPA 3010A Total
Method: EPA 6010B

Project: 67107

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-1	**06-08-1002-1**	**08/15/06**	**Aqueous**	**08/17/06**	**08/18/06**	**060817L03**

Parameter	Result	RL	DF	Qual	Units
Iron	5.69	0.10	1		mg/L

MW-2	**06-08-1002-2**	**08/15/06**	**Aqueous**	**08/17/06**	**08/18/06**	**060817L03**

Parameter	Result	RL	DF	Qual	Units
Iron	0.141	0.100	1		mg/L

MW-3R	**06-08-1002-3**	**08/15/06**	**Aqueous**	**08/17/06**	**08/18/06**	**060817L03**

Parameter	Result	RL	DF	Qual	Units
Iron	2.79	0.10	1		mg/L

MW-4	**06-08-1002-4**	**08/15/06**	**Aqueous**	**08/17/06**	**08/18/06**	**060817L03**

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

MW-10	**06-08-1002-5**	**08/15/06**	**Aqueous**	**08/17/06**	**08/18/06**	**060817L03**

Parameter	Result	RL	DF	Qual	Units
Iron	1.63	0.10	1		mg/L

MW-11	**06-08-1002-6**	**08/15/06**	**Aqueous**	**08/17/06**	**08/18/06**	**060817L03**

Parameter	Result	RL	DF	Qual	Units
Iron	0.306	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: 08/17/06
Work Order No: 06-08-1002
Preparation: EPA 3010A Total
Method: EPA 6010B

Project: 67107

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
RW-1	**06-08-1002-7**	**08/15/06**	**Aqueous**	**08/17/06**	**08/18/06**	**060817L03**

Parameter	Result	RL	DF	Qual	Units
Iron	2.38	0.10	1		mg/L

RW-2	**06-08-1002-8**	**08/15/06**	**Aqueous**	**08/17/06**	**08/18/06**	**060817L03**

Parameter	Result	RL	DF	Qual	Units
Iron	22.9	0.1	1		mg/L

Method Blank	**097-01-003-6,404**	**N/A**	**Aqueous**	**08/17/06**	**08/18/06**	**060817L03**

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: 08/17/06
Work Order No: 06-08-1002

Project: 67107

Client Sample Number	Lab Sample Number	Date Collected	Matrix
MW-1	**06-08-1002-1**	**08/15/06**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Carbon, Total Organic	2.8	0.5	1		mg/L	N/A	08/18/06	EPA 415.1
Alkalinity, Total (as CaCO3)	290	5.0	1		mg/L	N/A	08/19/06	SM 2320B

Client Sample Number	Lab Sample Number	Date Collected	Matrix
MW-2	**06-08-1002-2**	**08/15/06**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Carbon, Total Organic	2.2	0.5	1		mg/L	N/A	08/18/06	EPA 415.1
Alkalinity, Total (as CaCO3)	250	5.0	1		mg/L	N/A	08/19/06	SM 2320B

Client Sample Number	Lab Sample Number	Date Collected	Matrix
MW-3R	**06-08-1002-3**	**08/15/06**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Carbon, Total Organic	6.9	2.5	5		mg/L	N/A	08/18/06	EPA 415.1
Alkalinity, Total (as CaCO3)	480	5.0	1		mg/L	N/A	08/19/06	SM 2320B

Client Sample Number	Lab Sample Number	Date Collected	Matrix
MW-4	**06-08-1002-4**	**08/15/06**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Carbon, Total Organic	2.3	0.5	1		mg/L	N/A	08/18/06	EPA 415.1
Alkalinity, Total (as CaCO3)	240	5.0	1		mg/L	N/A	08/19/06	SM 2320B

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: 08/17/06
Work Order No: 06-08-1002

Project: 67107

Client Sample Number	Lab Sample Number	Date Collected	Matrix
MW-10	**06-08-1002-5**	**08/15/06**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Carbon, Total Organic	4.7	0.5	1		mg/L	N/A	08/18/06	EPA 415.1
Alkalinity, Total (as CaCO3)	480	5.0	1		mg/L	N/A	08/19/06	SM 2320B

Client Sample Number	Lab Sample Number	Date Collected	Matrix
MW-11	**06-08-1002-6**	**08/15/06**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Carbon, Total Organic	2.5	0.5	1		mg/L	N/A	08/18/06	EPA 415.1
Alkalinity, Total (as CaCO3)	290	5.0	1		mg/L	N/A	08/19/06	SM 2320B

Client Sample Number	Lab Sample Number	Date Collected	Matrix
RW-1	**06-08-1002-7**	**08/15/06**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Carbon, Total Organic	2.4	0.5	1		mg/L	N/A	08/18/06	EPA 415.1
Alkalinity, Total (as CaCO3)	370	5.0	1		mg/L	N/A	08/19/06	SM 2320B

Client Sample Number	Lab Sample Number	Date Collected	Matrix
RW-2	**06-08-1002-8**	**08/15/06**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Carbon, Total Organic	2.9	0.5	1		mg/L	N/A	08/18/06	EPA 415.1
Alkalinity, Total (as CaCO3)	370	5.0	1		mg/L	N/A	08/19/06	SM 2320B

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: 08/17/06
Work Order No: 06-08-1002

Project: 67107

Client Sample Number	Lab Sample Number	Date Collected	Matrix
Method Blank		**N/A**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Carbon, Total Organic	ND	0.50	1		mg/L	N/A	08/18/06	EPA 415.1
Alkalinity, Total (as CaCO3)	ND	1.0	1		mg/L	N/A	08/19/06	SM 2320B

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: 08/17/06
Work Order No: 06-08-1002
Preparation: EPA 3010A Total
Method: EPA 6010B

Project 67107

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
06-08-0940-1	**Aqueous**	**ICP 3300**	**08/17/06**	**08/18/06**	**060817S03**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Iron	102	101	65-149	1	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: 06-08-1002

Project: 67107

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	EPA 415.1	06-08-1164-1	08/18/06	N/A	108	109	70-130	0	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: 06-08-1002

Project: 67107

Matrix: Aqueous

Parameter	Method	QC Sample ID	Date Analyzed	Sample Conc	DUP Conc	RPD	RPD CL	Qualifiers
Alkalinity, Total (as CaCO3)	SM 2320B	06-08-1027-1	08/19/06	630	630	0	0-25	
Bicarbonate (as CaCO3)	SM 2320B	06-08-1027-1	08/19/06	630	630	0	0-25	
Carbonate (as CaCO3)	SM 2320B	06-08-1027-1	08/19/06	ND	ND	NA	0-25	
Hydroxide (as CaCO3)	SM 2320B	06-08-1027-1	08/19/06	ND	ND	NA	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:	06-08-1002
Davis, CA 95616-6593		Preparation:	EPA 3010A Total
		Method:	EPA 6010B

Project: 67107

Quality Control Sample ID	Matrix	Instrument	Date Analyzed	Lab File ID	LCS Batch Number
097-01-003-6,404	**Aqueous**	**ICP 3300**	**08/18/06**	**060817-I-03**	**060817L03**

Parameter	Conc Added	Conc Recovered	LCS %Rec	%Rec CL	Qualifiers
Iron	0.500	0.505	101	80-120	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Laboratory Control Sample

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

Date Received: N/A
Work Order No: 06-08-1002

Project: 67107

Matrix : Aqueous

Parameter	Method	Quality Control Sample ID	Date Analyzed	Date Extracted	Conc Added	Conc Recovered	LCS %Rec	%Rec CL	Qualifiers
Carbon, Total Organic	EPA 415.1	099-05-097-2,373	08/18/06	N/A	5.0	5.4	107	80-120	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 06-08-1002

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. 1002 Page 1 of 1

Project Contact (Hardcopy or PDF to): Troy Turpen

EDF Report? _X_ Yes __No

Chain-of-Custody Record and Analysis Request

Company/Address: Kiff Analytical, LLC

Recommended but not mandatory to complete this section:

Sampling Company Log Code: RRMS

Phone No.: FAX No.:

Global ID: T0600101411

Project Number: 67107 P.O. No.: 51670

EDF Deliverable to (Email Address): inbox@kiffanalytical.com

Project Name: 67107

E-mail address: inbox@kiffanalytical.com

Project Address:

Sample Designation	Sampling		Container					Preservative					Matrix			Analysis Request								Date due:	For Lab Use Only
	Date	Time	Glass	Poly	Sleeve	Amber		HCl	HNO3	H_2SO_4	NONE	$Na_2S_2O_3$	WATER	SOIL		Alkalinity by SM2320B	Total Organic Carbon byEPA 415.1	Total Iron by EPA 6010						August 23, 2006	
MW-1	8/15/06	11:23	1	2					1	1	1		X			X	X	X						X	
MW-2	8/15/06	10:26	1	2					1	1	1		X			X	X	X						X	
MW-3R	8/15/06	14:20	1	2					1	1	1		X			X	X	X						X	
MW-4	8/15/06	9:07	1	2					1	1	1		X			X	X	X						X	
MW-10	8/15/06	13:29	1	2					1	1	1		X			X	X	X						X	
MW-11	8/15/06	9:50	1	2					1	1	1		X			X	X	X						X	
RW-1	8/15/06	10:42	1	2					1	1	1		X			X	X	X						X	
RW-2	8/15/06	12:12	1	2					1	1	1		X			X	X	X						X	

Relinquished by:	Date	Time	Received by:
Hayk Capik KiffAnalytical	08/16/06	1900	
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by Laboratory:
	8/17/06	0600	

Remarks:

Bill to: Accounts Payable

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 06 - 08 - 1002

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: Tiff DATE: 8/17/06

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):

5.0 °C Temperature blank.
_____ °C IR thermometer.
_____ Ambient temperature.

Initial: JP

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: ✓ No (Not Intact) : _____ Not Applicable (N/A): _____

Initial: JP

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: JP

COMMENTS:

CALIFORNIA LABORATORY SERVICES

3249 Fitzgerald Road Rancho Cordova, CA 95742

August 24, 2006

CLS Work Order #: CPH0587
COC #: 51670

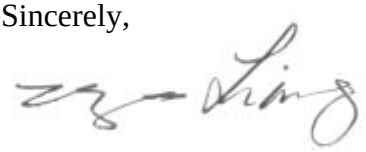
Troy Turpen
KIFF Analytical
2795 Second St. Suite 300
Davis, CA 95616

Project Name: 67107

Enclosed are the results of analyses for samples received by the laboratory on 08/16/06 14:53. 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

KIFF Analytical	Project: 67107	
2795 Second St. Suite 300	Project Number: 67107	**CLS Work Order #: CPH0587**
Davis, CA 95616	Project Manager: Troy Turpen	COC #: 51670

CPH0587

KIFF Analytical LLC

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

California Lab Services
3249 Fitzgerald Rd.
Rancho Cordova, CA 95742
tel: (916) 638-7301 COC# 51670 Page 1 of 1

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF to): Troy Turpen
Company/Address: Kiff Analytical, LLC
Phone No.: FAX No.:
Project Number: 67107
P.O. No.: 51670
Project Name: 67107
Project Address:

EDF Report? _X_ Yes __No
Recommended but not mandatory to complete this section:
Sampling Company Log Code: RRMS
Global ID: T0600101411
EDF Deliverable to (Email Address): inbox@kiffanalytical.com
E-mail address: inbox@kiffanalytical.com

Sample Designation	Sampling Date	Sampling Time	Container: Glass	Container: Poly	Container: Sleeve	Container: Amber	Preservative: HCl	Preservative: HNO_3	Preservative: H_2SO_4	Preservative: NONE	Preservative: $Na_2S_2O_3$	Matrix: WATER	Matrix: SOIL	Analysis Request: Dissolved CO_2 (SM4500-CO2D)	Date due: August 23, 2006	For Lab Use Only
MW-1	8/15/06	11:23		1						1		X		X	X	
MW-2	8/15/06	10:26		1						1		X		X	X	
MW-3R	8/15/06	14:20		1						1		X		X	X	
MW-4	8/15/06	9:07		1						1		X		X	X	
MW-10	8/15/06	13:29		1						1		X		X	X	
MW-11	8/15/06	9:50		1						1		X		X	X	
RW-1	8/15/06	10:42		1						1		X		X	X	
RW-2	8/15/06	12:12		1						1		X		X	X	

Relinquished by: Michelle Spencer Kiff Analytical	Date 08/16/06	Time 1453	Received by:
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date 8-16-6	Time 1453	Received by: Laboratory

Remarks:

Bill to: Accounts Payable

p.1 5302974802 Kiff Analytical Aug 16 06 02:03p

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

Project: 67107
Project Number: 67107
Project Manager: Troy Turpen

CLS Work Order #: CPH0587
COC #: 51670

Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (CPH0587-01) Water	**Sampled: 08/15/06 11:23**	**Received: 08/16/06 14:53**							
Carbon Dioxide as CO2	**27**	5.0	mg/L	1	CP06283	08/18/06	08/18/06	SM 4500C	
MW-2 (CPH0587-02) Water	**Sampled: 08/15/06 10:26**	**Received: 08/16/06 14:53**							
Carbon Dioxide as CO2	**36**	5.0	mg/L	1	CP06283	08/18/06	08/18/06	SM 4500C	
MW-3R (CPH0587-03) Water	**Sampled: 08/15/06 14:20**	**Received: 08/16/06 14:53**							
Carbon Dioxide as CO2	**75**	5.0	mg/L	1	CP06283	08/18/06	08/18/06	SM 4500C	
MW-4 (CPH0587-04) Water	**Sampled: 08/15/06 09:07**	**Received: 08/16/06 14:53**							
Carbon Dioxide as CO2	**48**	5.0	mg/L	1	CP06283	08/18/06	08/18/06	SM 4500C	
MW-10 (CPH0587-05) Water	**Sampled: 08/15/06 13:29**	**Received: 08/16/06 14:53**							
Carbon Dioxide as CO2	**95**	5.0	mg/L	1	CP06283	08/18/06	08/18/06	SM 4500C	
MW-11 (CPH0587-06) Water	**Sampled: 08/15/06 09:50**	**Received: 08/16/06 14:53**							
Carbon Dioxide as CO2	**60**	5.0	mg/L	1	CP06283	08/18/06	08/18/06	SM 4500C	
RW-1 (CPH0587-07) Water	**Sampled: 08/15/06 10:42**	**Received: 08/16/06 14:53**							
Carbon Dioxide as CO2	**37**	5.0	mg/L	1	CP06283	08/18/06	08/18/06	SM 4500C	
RW-2 (CPH0587-08) Water	**Sampled: 08/15/06 12:12**	**Received: 08/16/06 14:53**							
Carbon Dioxide as CO2	**31**	5.0	mg/L	1	CP06283	08/18/06	08/18/06	SM 4500C	

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

Project: 67107
Project Number: 67107
Project Manager: Troy Turpen

CLS Work Order #: CPH0587
COC #: 51670

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 CP06283 - General Preparation										
Blank (CP06283-BLK1)				Prepared & Analyzed: 08/18/06						
Carbon Dioxide as CO2	ND	5.0	mg/L							

CALIFORNIA LABORATORY SERVICES

08/24/06 14:54

KIFF Analytical	Project: 67107	
2795 Second St. Suite 300	Project Number: 67107	**CLS Work Order #: CPH0587**
Davis, CA 95616	Project Manager: Troy Turpen	COC #: 51670

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

KIFF Analytical LLC

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

SRG # / Lab No. 51670

Page 1 of 1

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): Richard Munsch.	California EDF Report? ☐ Yes ☐ No
Company / Address: RDM Env.	Sampling Company Log Code:
Phone #: 916 415 1134 / Fax #: 916 415 1154	Global ID:
Project #: 67107 / P.O. #: —	EDF Deliverable To (Email Address):
Project Name: 67107	Sampler Signature:
Project Address: 44 Lewelling. San Lorenzo.	

Sample Designation	Sampling Date	Sampling Time	Container: 40 ml VOA	Sleeve	Poly	Glass	Tedlar	Preservative: HCl	HNO_3	None	H_2SO_4	Matrix: Water	Soil	Air
MW-1	8/15/06	1123	3		3	1		3	1	2	1	X		
MW-2		1026	3		3	1		3	1	2	1	X		
MW-3R		1420	3		3	1		3	1	2	1	X		
MW-4		0907	3		3	1		3	1	2	1	X		
MW-10		1329	3		3	1		3	1	2	1	X		
MW-11		0950	3		3	1		3	1	2	1	X		
RW-1		1042	3		3	1		3	1	2	1	X		
RW-2	↓	1212	3		3	1		3	1	2	1	X		

Analysis Request

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 6010B)~~	WET Tests (STLC) T.O.C.	Alkalinity	Total Iron	Dissolved Iron	TAT: 12 hr ☐ / 24 hr ☐ / 48 hr ☐ / 72 hr ☐ / 1 wk X	For Lab Use Only
		X	X		X								X	X	X	X	01
		X	X		X								X	X	X		02
		X	X		X								X	X	X	X	03
		X	X		X								X	X	X	X	04
		X	X		X								X	X	X	X	05
		X	X		X								X	X	X	X	06
		X	X		X								X	X	X	X	07
		X	X		X								X	X	X	X	08

Relinquished by:	Date	Time	Received by:
Douglas Hoff			
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by Laboratory:
	081606	1222	Michelle Spencer Kiff Analytical

Remarks: STAT

Email Copy to RDM

Bill to: Tesoro / Rob Donovan.

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time	Therm. ID #	Coolant Present
4.1c	MAS	081606	1727	IR-5	Yes / No

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

Appendix C

Official Laboratory Reports and Chain of Custody Records –
Remediation System Analytical Data

KIFF Analytical LLC

Report Number : 51340
Date : 7/31/2006

Richard Munsch
RDM Environmental
6280 Brookshire Drive
Rocklin, CA 95677

Subject : 4 Water Samples and 1 Vapor Sample
Project Name : 67107
Project Number : 67107

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 : 51340

Date : 7/31/2006

Project Name : **67107**

Project Number : **67107**

Sample : **GW-INF** Matrix : Water Lab Number : 51340-01

Sample Date :7/28/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**2.3**	0.50	ug/L	EPA 8260B	7/29/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	7/29/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	7/29/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	7/29/2006
Methyl-t-butyl ether (MTBE)	**19**	0.50	ug/L	EPA 8260B	7/29/2006
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	7/29/2006
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	7/29/2006
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	7/29/2006
Tert-Butanol	**5.5**	5.0	ug/L	EPA 8260B	7/29/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	7/29/2006
Toluene - d8 (Surr)	91.2		% Recovery	EPA 8260B	7/29/2006
4-Bromofluorobenzene (Surr)	110		% Recovery	EPA 8260B	7/29/2006

Approved By: Joel Kiff

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

KIFF Analytical LLC

Report Number : 51340

Date : 7/31/2006

Project Name : **67107**

Project Number : **67107**

Sample : **MID2** Matrix : Water Lab Number : 51340-02

Sample Date :7/28/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	7/29/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	7/29/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	7/29/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	7/29/2006
Methyl-t-butyl ether (MTBE)	**5.5**	0.50	ug/L	EPA 8260B	7/29/2006
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	7/29/2006
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	7/29/2006
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	7/29/2006
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	7/29/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	7/29/2006
Toluene - d8 (Surr)	90.7		% Recovery	EPA 8260B	7/29/2006
4-Bromofluorobenzene (Surr)	109		% Recovery	EPA 8260B	7/29/2006

Approved By: Joel Kiff

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

KIFF Analytical LLC

Report Number : 51340

Date : 7/31/2006

Project Name : **67107**

Project Number : **67107**

Sample : **DATEFF** Matrix : Water Lab Number : 51340-03

Sample Date :7/28/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	7/29/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	7/29/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	7/29/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	7/29/2006
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	7/29/2006
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	7/29/2006
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	7/29/2006
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	7/29/2006
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	7/29/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	7/29/2006
Toluene - d8 (Surr)	91.2		% Recovery	EPA 8260B	7/29/2006
4-Bromofluorobenzene (Surr)	107		% Recovery	EPA 8260B	7/29/2006

Approved By: Joel Kiff

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

KIFF Analytical LLC

Report Number : 51340

Date : 7/31/2006

Project Name : **67107**

Project Number : **67107**

Sample : **DATEFF** Matrix : Air Lab Number : 51340-04

Sample Date :7/28/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.050**	0.050	ppmv	EPA 8260B	7/28/2006
Toluene	**< 0.050**	0.050	ppmv	EPA 8260B	7/28/2006
Ethylbenzene	**< 0.050**	0.050	ppmv	EPA 8260B	7/28/2006
Total Xylenes	**< 0.050**	0.050	ppmv	EPA 8260B	7/28/2006
Methyl-t-butyl ether (MTBE)	**< 0.050**	0.050	ppmv	EPA 8260B	7/28/2006
Diisopropyl ether (DIPE)	**< 0.050**	0.050	ppmv	EPA 8260B	7/28/2006
Ethyl-t-butyl ether (ETBE)	**< 0.050**	0.050	ppmv	EPA 8260B	7/28/2006
Tert-amyl methyl ether (TAME)	**< 0.050**	0.050	ppmv	EPA 8260B	7/28/2006
Tert-Butanol	**< 0.50**	0.50	ppmv	EPA 8260B	7/28/2006
TPH as Gasoline	**< 5.0**	5.0	ppmv	EPA 8260B	7/28/2006
4-Bromofluorobenzene (Surr)	94.6		% Recovery	EPA 8260B	7/28/2006
Toluene - d8 (Surr)	98.5		% Recovery	EPA 8260B	7/28/2006

Approved By: Joel Kiff

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

KIFF Analytical LLC

Report Number : 51340

Date : 7/31/2006

Project Name : **67107**

Project Number : **67107**

Sample : **GWEFF** Matrix : Water Lab Number : 51340-05

Sample Date :7/28/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	7/29/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	7/29/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	7/29/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	7/29/2006
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	7/29/2006
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	7/29/2006
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	7/29/2006
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	7/29/2006
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	7/29/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	7/29/2006
Toluene - d8 (Surr)	91.7		% Recovery	EPA 8260B	7/29/2006
4-Bromofluorobenzene (Surr)	108		% Recovery	EPA 8260B	7/29/2006

Approved By: Joel Kiff

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

Report Number : 51340

Date : 7/31/2006

QC Report : Method Blank Data

Project Name : **67107**

Project Number : **67107**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.050	0.050	ppmv	EPA 8260B	7/28/2006
Toluene	< 0.050	0.050	ppmv	EPA 8260B	7/28/2006
Ethylbenzene	< 0.050	0.050	ppmv	EPA 8260B	7/28/2006
Total Xylenes	< 0.050	0.050	ppmv	EPA 8260B	7/28/2006
Methyl-t-butyl ether (MTBE)	< 0.050	0.050	ppmv	EPA 8260B	7/28/2006
Diisopropyl ether (DIPE)	< 0.050	0.050	ppmv	EPA 8260B	7/28/2006
Ethyl-t-butyl ether (ETBE)	< 0.050	0.050	ppmv	EPA 8260B	7/28/2006
Tert-amyl methyl ether (TAME)	< 0.050	0.050	ppmv	EPA 8260B	7/28/2006
Tert-Butanol	< 0.50	0.50	ppmv	EPA 8260B	7/28/2006
TPH as Gasoline	< 5.0	5.0	ppmv	EPA 8260B	7/28/2006
4-Bromofluorobenzene (Surr)	95.6		%	EPA 8260B	7/28/2006
Toluene - d8 (Surr)	97.8		%	EPA 8260B	7/28/2006
Benzene	< 0.50	0.50	ug/L	EPA 8260B	7/28/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	7/28/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	7/28/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	7/28/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	7/28/2006
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	7/28/2006
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	7/28/2006
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	7/28/2006
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	7/28/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	7/28/2006
Toluene - d8 (Surr)	90.2		%	EPA 8260B	7/28/2006
4-Bromofluorobenzene (Surr)	109		%	EPA 8260B	7/28/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

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

Report Number : 51340

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 7/31/2006

Project Name : **67107**

Project Number : **67107**

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	51298-11	<0.50	40.0	40.0	41.7	40.9	ug/L	EPA 8260B	7/28/06	104	102	1.96	70-130	25
Toluene	51298-11	<0.50	40.0	40.0	36.2	35.6	ug/L	EPA 8260B	7/28/06	90.6	88.9	1.85	70-130	25
Tert-Butanol	51298-11	<5.0	200	200	185	198	ug/L	EPA 8260B	7/28/06	92.4	99.2	7.08	70-130	25
Methyl-t-Butyl Ether	51298-11	1.4	40.0	40.0	45.1	45.0	ug/L	EPA 8260B	7/28/06	109	109	0.283	70-130	25

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

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

Report Number : 51340

QC Report : Laboratory Control Sample (LCS)

Date : 7/31/2006

Project Name : **67107**

Project Number : **67107**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	40.0	ug/L	EPA 8260B	7/28/06	101	70-130
Toluene	40.0	ug/L	EPA 8260B	7/28/06	88.6	70-130
Tert-Butanol	200	ug/L	EPA 8260B	7/28/06	97.3	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	7/28/06	105	70-130

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

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

KIFF Analytical LLC

Analysis Summary

Report Number : 51340

Date : 7/31/2006

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

Project Name :67107
Project Number : 67107

			Sample Name	DATEFF
			Sample Date	7/28/2006
Analyte	Method	Units	MRL	Results
Benzene	EPA 8260B	ppmv	0.050	ND
Toluene	EPA 8260B	ppmv	0.050	ND
Ethylbenzene	EPA 8260B	ppmv	0.050	ND
Total Xylenes	EPA 8260B	ppmv	0.050	ND
Methyl-t-butyl ether (MTBE)	EPA 8260B	ppmv	0.050	ND
Diisopropyl ether (DIPE)	EPA 8260B	ppmv	0.050	ND
Ethyl-t-butyl ether (ETBE)	EPA 8260B	ppmv	0.050	ND
Tert-amyl methyl ether (TAME)	EPA 8260B	ppmv	0.050	ND
Tert-Butanol	EPA 8260B	ppmv	0.50	ND
TPH as Gasoline	EPA 8260B	ppmv	5.0	ND
Toluene - d8 (Surr)	EPA 8260B	%		98.5
4-Bromofluorobenzene (Surr)	EPA 8260B	%		94.6

MRL = Method Reporting Limit
ND = Not Detected

Approved By,

Joel Kiff

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

KIFF Analytical LLC

Analysis Summary

Report Number : 51340

Date : 7/31/2006

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

Project Name :67107
Project Number : 67107

			Sample Name	GW-INF	MID2		DATEFF		GWEFF	
			Sample Date	7/28/2006	7/28/2006		7/28/2006		7/28/2006	
Analyte	Method	Units	MRL	Results	MRL	Results	MRL	Results	MRL	Results
Benzene	EPA 8260B	ug/L	0.50	**2.3**	0.50	ND	0.50	ND	0.50	ND
Toluene	EPA 8260B	ug/L	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Ethylbenzene	EPA 8260B	ug/L	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Total Xylenes	EPA 8260B	ug/L	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Methyl-t-butyl ether (MTBE)	EPA 8260B	ug/L	0.50	**19**	0.50	**5.5**	0.50	ND	0.50	ND
Diisopropyl ether (DIPE)	EPA 8260B	ug/L	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Ethyl-t-butyl ether (ETBE)	EPA 8260B	ug/L	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Tert-amyl methyl ether (TAME)	EPA 8260B	ug/L	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Tert-Butanol	EPA 8260B	ug/L	5.0	**5.5**	5.0	ND	5.0	ND	5.0	ND
TPH as Gasoline	EPA 8260B	ug/L	50	ND	50	ND	50	ND	50	ND
Toluene - d8 (Surr)	EPA 8260B	%		91.2		90.7		91.2		91.7
4-Bromofluorobenzene (Surr)	EPA 8260B	%		110		109		107		108

MRL = Method Reporting Limit
ND = Not Detected

Approved By,

Joel Kiff

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

Calscience Environmental Laboratories, Inc.

August 04, 2006

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

Subject: **Calscience Work Order No.: 06-07-1498**
Client Reference: 67107

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 7/29/2006 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 any subcontracted analysis 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,

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: 07/29/06
Work Order No: 06-07-1498

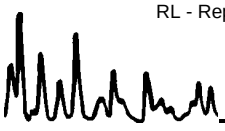
Project: 67107

Client Sample Number	Lab Sample Number	Date Collected	Matrix
GWEFF	**06-07-1498-1**	**07/28/06**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Solids, Total Suspended	1.0	1.0	1		mg/L	N/A	08/02/06	EPA 160.2
Chemical Oxygen Demand	ND	5.0	1		mg/L	08/04/06	08/04/06	EPA 410.4

Method Blank			**N/A**		**Aqueous**			
Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Solids, Total Suspended	ND	1.0	1		mg/L	N/A	08/02/06	EPA 160.2
Chemical Oxygen Demand	ND	5.0	1		mg/L	08/04/06	08/04/06	EPA 410.4

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



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: 06-07-1498

Project: 67107

Matrix: Aqueous

Parameter	Method	QC Sample ID	Date Analyzed	Sample Conc	DUP Conc	RPD	RPD CL	Qualifiers
Chemical Oxygen Demand	EPA 410.4	GWEFF	08/04/06	ND	ND	NA	0-25	
Solids, Total Suspended	EPA 160.2	06-08-0042-3	08/02/06	2110	2130	1	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 06-07-1498

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

06-07-1498

Lab No. _____ Page 1 of 1

Project Contact (Hardcopy or PDF to): Troy Turpen

EDF Report? __ Yes _X_ No

Chain-of-Custody Record and Analysis Request

Company/Address: Kiff Analytical, LLC

Recommended but not mandatory to complete this section:

Phone No.: | FAX No.:

Sampling Company Log Code:

Global ID:

Project Number: 67107 | P.O. No.: 51340

EDF Deliverable to (Email Address):

Project Name: 67107

E-mail address: inbox@kiffanalytical.com

Project Address:

Sample Designation	Sampling Date	Sampling Time	Container: VOA	Poly	Sleeve	GLASS	Tedlar	Preservative: HCl	HNO3	H2SO4	NONE	ICE	Matrix: WATER	SOIL	Air	Analysis Request: TSS	COD							Date due: August 4, 2006	For Lab Use Only
GWEFF	7/28/06	12:20		1		1				1	1		X			X	X							X	

Relinquished by:	Date	Time	Received by:
[illegible] KIFF Analytical	072806	1700	
Relinquished by:	Date	Time	Received by:
Relinquished by: Cal overnight	7/29/06	10:10	Received by Laboratory: [illegible] (COC)

Remarks:

Bill to: Accounts Payable

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 06 - 07 - 1498

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: KIFF DATE: 7/29/06

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):

4.1 °C Temperature blank.
_____ °C IR thermometer.
_____ Ambient temperature.

Initial: RM

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: ✓ No (Not Intact) : _____ Not Applicable (N/A): _____

Initial: RM

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: RM

COMMENTS:

KIFF Analytical LLC

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

SRG # / Lab No. 51340

Page 1 of 1

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): RICHARD MUNSCH
Company / Address: ROM
Phone #: 916 415 1134
Fax #: 916 415 1154
Project #: 67107
P.O. #:
Project Name: 67107
Project Address: 446 Cuvelling San Lorenzo

California EDF Report? ☐ Yes ☐ No
Sampling Company Log Code:
Global ID:
EDF Deliverable To (Email Address):
Sampler Signature:

Sample Designation	Sampling: Date	Sampling: Time	Container: 40 ml VOA	Sleeve	Poly	Glass	Tedlar	Preservative: HCl	HNO_3	None	H_2SO_4	Matrix: Water	Soil	Air
GW-Inf	7/24/06	1230	3					3				3		
MID		1220	3					3				3		
DA Eff		1224	3				1	3		1		3		1
GW Eff		1220	3		1	1		3		1	1	5		

Analysis Request

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)	TTLC	COD
		X	X	X											
													X	X	
														1	1

TAT: ☐ 12 hr ☐ 24 hr ☐ 48 hr ☐ 72 hr ☐ 1 wk

For Lab Use Only: 01 02 03 04 05

Relinquished by:	Date	Time	Received by:
DOUGLAS HOFF	7/26/06	1710	
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by Laboratory:
	072806	1710	DW TG - KIFF Analytical

Remarks: STAT

Email 1 copy to ROM

Bill to: Tesoro / Rob Donovan

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time	Therm. ID #	Coolant Present
3.4	KT	072806	1710	IR-4	(Yes) No

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

KIFF Analytical LLC

Report Number : 51933
Date : 9/1/2006

Richard Munsch
RDM Environmental
6280 Brookshire Drive
Rocklin, CA 95677

Subject : 4 Water Samples
Project Name : 67107
Project Number : 67107

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 : 51933

Date : 9/1/2006

Project Name : **67107**

Project Number : **67107**

Sample : **GW-INF** Matrix : Water Lab Number : 51933-01

Sample Date :8/28/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	8/31/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	8/31/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	8/31/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	8/31/2006
Methyl-t-butyl ether (MTBE)	**22**	0.50	ug/L	EPA 8260B	8/31/2006
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	8/31/2006
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	8/31/2006
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	8/31/2006
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	8/31/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	8/31/2006
Toluene - d8 (Surr)	99.0		% Recovery	EPA 8260B	8/31/2006
4-Bromofluorobenzene (Surr)	96.8		% Recovery	EPA 8260B	8/31/2006

Approved By: Joel Kiff

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

KIFF Analytical LLC

Report Number : 51933

Date : 9/1/2006

Project Name : **67107**

Project Number : **67107**

Sample : **GW-DAT-EFF** Matrix : Water Lab Number : 51933-02

Sample Date :8/28/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	9/1/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	9/1/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	9/1/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	9/1/2006
Methyl-t-butyl ether (MTBE)	**5.0**	0.50	ug/L	EPA 8260B	9/1/2006
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	9/1/2006
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	9/1/2006
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	9/1/2006
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	9/1/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	9/1/2006
Toluene - d8 (Surr)	99.4		% Recovery	EPA 8260B	9/1/2006
4-Bromofluorobenzene (Surr)	95.9		% Recovery	EPA 8260B	9/1/2006

Approved By: Joel Kiff

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

KIFF Analytical LLC

Report Number : 51933

Date : 9/1/2006

Project Name : **67107**

Project Number : **67107**

Sample : **GW-MID2** Matrix : Water Lab Number : 51933-03

Sample Date :8/28/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	9/1/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	9/1/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	9/1/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	9/1/2006
Methyl-t-butyl ether (MTBE)	**4.6**	0.50	ug/L	EPA 8260B	9/1/2006
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	9/1/2006
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	9/1/2006
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	9/1/2006
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	9/1/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	9/1/2006
Toluene - d8 (Surr)	99.5		% Recovery	EPA 8260B	9/1/2006
4-Bromofluorobenzene (Surr)	95.0		% Recovery	EPA 8260B	9/1/2006

Approved By: Joel Kiff

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

KIFF Analytical LLC

Report Number : 51933

Date : 9/1/2006

Project Name : **67107**

Project Number : **67107**

Sample : **GW-EFF.** Matrix : Water Lab Number : 51933-04

Sample Date :8/28/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	9/1/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	9/1/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	9/1/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	9/1/2006
Methyl-t-butyl ether (MTBE)	**1.6**	0.50	ug/L	EPA 8260B	9/1/2006
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	9/1/2006
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	9/1/2006
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	9/1/2006
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	9/1/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	9/1/2006
Toluene - d8 (Surr)	99.8		% Recovery	EPA 8260B	9/1/2006
4-Bromofluorobenzene (Surr)	93.3		% Recovery	EPA 8260B	9/1/2006

Approved By: Joel Kiff

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

Report Number : 51933

Date : 9/1/2006

QC Report : Method Blank Data

Project Name : **67107**

Project Number : **67107**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	8/31/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	8/31/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	8/31/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	8/31/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	8/31/2006
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	8/31/2006
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	8/31/2006
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	8/31/2006
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	8/31/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	8/31/2006
Toluene - d8 (Surr)	99.5		%	EPA 8260B	8/31/2006
4-Bromofluorobenzene (Surr)	97.1		%	EPA 8260B	8/31/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

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

Report Number : 51933

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 9/1/2006

Project Name : **67107**

Project Number : **67107**

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	51933-01	<0.50	40.0	40.0	36.9	35.6	ug/L	EPA 8260B	8/31/06	92.2	89.1	3.39	70-130	25
Toluene	51933-01	<0.50	40.0	40.0	36.8	35.7	ug/L	EPA 8260B	8/31/06	91.9	89.2	2.94	70-130	25
Tert-Butanol	51933-01	<5.0	200	200	175	173	ug/L	EPA 8260B	8/31/06	87.6	86.3	1.51	70-130	25
Methyl-t-Butyl Ether	51933-01	22	40.0	40.0	58.9	58.0	ug/L	EPA 8260B	8/31/06	92.9	90.6	2.58	70-130	25

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

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

Report Number : 51933

QC Report : Laboratory Control Sample (LCS)

Date : 9/1/2006

Project Name : **67107**

Project Number : **67107**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	40.0	ug/L	EPA 8260B	8/31/06	87.0	70-130
Toluene	40.0	ug/L	EPA 8260B	8/31/06	88.2	70-130
Tert-Butanol	200	ug/L	EPA 8260B	8/31/06	86.2	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	8/31/06	94.0	70-130

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

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

KIFF Analytical LLC

Analysis Summary

Report Number : 51933

Date : 9/1/2006

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

Project Name :67107
Project Number : 67107

			Sample Name	GW-INF	GW-DAT-EFF		GW-MID2		GW-EFF.	
			Sample Date	8/28/2006	8/28/2006		8/28/2006		8/28/2006	
Analyte	Method	Units		MRL	Results	MRL	Results	MRL	Results	MRL	Results
Benzene	EPA 8260B	ug/L		0.50	ND	0.50	ND	0.50	ND	0.50	ND
Toluene	EPA 8260B	ug/L		0.50	ND	0.50	ND	0.50	ND	0.50	ND
Ethylbenzene	EPA 8260B	ug/L		0.50	ND	0.50	ND	0.50	ND	0.50	ND
Total Xylenes	EPA 8260B	ug/L		0.50	ND	0.50	ND	0.50	ND	0.50	ND
Methyl-t-butyl ether (MTBE)	EPA 8260B	ug/L		0.50	**22**	0.50	**5.0**	0.50	**4.6**	0.50	**1.6**
Diisopropyl ether (DIPE)	EPA 8260B	ug/L		0.50	ND	0.50	ND	0.50	ND	0.50	ND
Ethyl-t-butyl ether (ETBE)	EPA 8260B	ug/L		0.50	ND	0.50	ND	0.50	ND	0.50	ND
Tert-amyl methyl ether (TAME)	EPA 8260B	ug/L		0.50	ND	0.50	ND	0.50	ND	0.50	ND
Tert-Butanol	EPA 8260B	ug/L		5.0	ND	5.0	ND	5.0	ND	5.0	ND
TPH as Gasoline	EPA 8260B	ug/L		50	ND	50	ND	50	ND	50	ND
Toluene - d8 (Surr)	EPA 8260B	%			99.0		99.4		99.5		99.8
4-Bromofluorobenzene (Surr)	EPA 8260B	%			96.8		95.9		95.0		93.3

MRL = Method Reporting Limit
ND = Not Detected

Approved By,

Joel Kiff

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

Calscience Environmental Laboratories, Inc.

September 07, 2006

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

Subject: **Calscience Work Order No.: 06-08-1786**
Client Reference: 67107

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 8/31/2006 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,

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: 08/31/06
Work Order No: 06-08-1786

Project: 67107

Client Sample Number	Lab Sample Number	Date Collected	Matrix
GW-Eff.	**06-08-1786-1**	**08/28/06**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Solids, Total Suspended	ND	1.0	1		mg/L	N/A	08/31/06	EPA 160.2
Chemical Oxygen Demand	ND	5.0	1		mg/L	N/A	08/31/06	EPA 410.4

Method Blank	**N/A**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Solids, Total Suspended	ND	1.0	1		mg/L	N/A	08/31/06	EPA 160.2
Chemical Oxygen Demand	ND	5.0	1		mg/L	N/A	08/31/06	EPA 410.4

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

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: 06-08-1786

Project: 67107

Matrix: Aqueous

Parameter	Method	QC Sample ID	Date Analyzed	Sample Conc	DUP Conc	RPD	RPD CL	Qualifiers
Chemical Oxygen Demand	EPA 410.4	GW-Eff.	08/31/06	ND	ND	NA	0-25	
Solids, Total Suspended	EPA 160.2	06-08-1797-1	08/31/06	2.3	2.2	4	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 06-08-1786

Qualifier	Definition
#	Analyte result was suppressed
*	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. 1786

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF to): Troy Turpen

EDF Report? __ Yes _X_ No

Company/Address: Kiff Analytical, LLC

Phone No.: | FAX No.:

Project Number: 67107 | P.O. No.: 51933

Project Name: 67107

Project Address:

Recommended but not mandatory to complete this section:

Sampling Company Log Code:

Global ID:

EDF Deliverable to (Email Address):

E-mail address: inbox@kiffanalytical.com

Date due: September 7, 2006

For Lab Use Only

Sample Designation	Sampling Date	Sampling Time	Container: GLASS BOTTLE	Container: Poly	Container: Sleeve	Container: Amber	Container:	Preservative: HCl	Preservative: HNO3	Preservative: H_2SO_4	Preservative: NONE	Preservative: $Na_2S_2O_3$	Matrix: WATER	Matrix: SOIL	Matrix:	Analysis Request: TSS	Analysis Request: COD							For Lab Use Only
GW-Eff.	08/28/06	8:15	1	1						1	1		X			X	X							X

Relinquished by:	Date	Time	Received by:
[signature] / Kiff	8/30/2006	1910	
Relinquished by:	Date	Time	Received by:
Relinquished by: [signature]	Date 8-31-06	Time 8:30	Received by Laboratory: [signature]

Remarks:

Bill to: Accounts Payable

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 06 - 08 - 178L

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: KIFF ANALYTICAL DATE: 8-31-06

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):

3.1 °C Temperature blank.
_____ °C IR thermometer.
_____ Ambient temperature.

Initial: WB

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: ✓ No (Not Intact) : _____ Not Applicable (N/A): _____

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. 51933

Page 1 of 1

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): Richard Munsch

California EDF Report? ☐ Yes ☐ No

Company / Address: RDM Env.

Sampling Company Log Code:

Phone #: 916 415.1134

Fax #: 9164151154

Global ID:

Project #: 67107

P.O. #: —

EDF Deliverable To (Email Address):

Project Name: 67107

Sampler Signature:

Project Address: 44 Cewelling, San Lorenzo

Sample Designation	Date	Time	40 ml VOA	Sleeve	Poly	Glass	Tedlar	HCl	HNO_3	None	H_2SO_4	Water	Soil	Air	BTEX (EPA 8260B)	TPH Gas (EPA 8260B)	5 Oxygenates (EPA 8260B)	For Lab Use Only
GW-Inf	8/28/06	822	3					3				X			X	X	X	01
GW-DAT-Eff		820	3					3							X	X	X	02
GW-MID2		818	3					3							X	X	X	03
GW-EFF.		815	3		1	1		3	1		1				X	X	X	04

Other analysis columns (all unmarked): MTBE (EPA 8260B) per EPA 8021 level @ 5.0 ppb; MTBE (EPA 8260B) @ 0.5 ppb; 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.S.S.; C.O.D.

TAT: ☐ 12 hr ☐ 24 hr ☐ 48 hr ☐ 72 hr ☒ 1 wk

Relinquished by:	Date	Time	Received by:
Douglas Hoff.			
	083006	1415	Received by Laboratory: [signature] Kiff Analytical

Remarks: STAT

Email Copy to RDM

Bill to: Tesoro / Rob Donovan

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time	Therm. ID #	Coolant Present
1.8	TJA	083006	1545	TR-5	Yes (circled) / No

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