FOURTH QUARTER 2005
GROUNDWATER MONITORING / REMEDIATION STATUS REPORT
AND
SITE CONCEPTUAL MODEL UPDATE

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

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March 31, 2006

EXECUTIVE SUMMARY

This Quarterly Monitoring Report and Site Conceptual Model (SCM) Update has been prepared by RDM Environmental, Inc. (RDM) and Haley & Aldrich, Inc. (Haley & Aldrich), on behalf of Tesoro Petroleum Companies, Inc. (Tesoro), for the former Tesoro Station No. 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 Service Division. This report updates the Groundwater Monitoring and Remediation Systems Status Report dated November 10, 2005 (RDM). Standard background information previously submitted to the agency in hard copy is not included in this update report. This information can be electronically accessed on the Tesoro Petroleum 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 the screening level of 500 micrograms per liter (ug/L), (for ground water that is not a current or potential drinking water resource, Table F-1b, *Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater; Volume 2: Background Documentation for the Development of Tier I Environmental Screening Levels*. CRWQCBSFB, Interim Final – 2005). Benzene and total xylenes concentrations were detected in MW-3 at levels greater than the Table F-1b screening criteria of 46 and 100 ug/L, respectively. All other on-site and off-site monitoring locations were either non-detect (ND) or exhibited concentrations below the Table F-1b screening criteria for TPH-G, benzene, toluene, ethylbenzene, total xylenes (BTEX) , methyl-t-butylethene (MTBE) or other fuel oxygenates.

Significant concentration reductions have been observed since the initiation of remediation at the site: the highest MTBE concentration detected this quarter (95 ug/L in Well MW-3) is less than one tenth of a percent of the historical maximum of 97,000 ug/L; and the highest TPH-G concentration detected this quarter (6,000 ug/L in MW-10) is approximately one third of the historical maximum of 20,000 ug/L. These data indicate that the current remedial system improved source area concentrations and slowed the migration of the plume.

The soil vapor extraction/air sparge system reached the limit of its effectiveness and operation of the system was suspended in 2003 as no measurable concentrations of volatile organic hydrocarbons (VOC's) or TPH-G were detected in the vapor stream. Based on this historical data and the continued observed reduction of groundwater contaminant concentrations, we are proposing to modify operation of the remediation system by actively pumping from MW-3R and RW-2 and the treatment system to accommodate the additional groundwater flow. During the start-up of the pumps in MW-3R and RW-2, Tesoro will install and operate datalogging water level indicators to evaluate the effectiveness of the remedial system to mitigate the off-site impacts observed down gradient from the site at MW-10 and MW-11.

Following the start-up of the remedial system, we propose to conduct a complete round of groundwater level measurements and perform sample collection using low-flow low stress methods to determine the potential oxygen demand in the on-site and down gradient groundwater plume. These data will be used to more fully characterize the aquifer conditions regarding intrinsic attenuation processes that could be enhanced in-situ.

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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 Petroleum Companies, Inc. (Tesoro) for the former Tesoro Station No. 67107 located at 44 Lewelling Boulevard, San Lorenzo, California. This report consists of updates to the previously submitted documents plus recommendations for future site activities. 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 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), 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 for groundwater at this site. The impacted groundwater plume extends from the site boundary with measurable TPH-G concentrations detected in wells MW-10 and MW-11. Total xylenes and benzene concentrations in on-site monitoring wells MW-3 and RW-2 exceed the environmental screening criteria found in Table F-1b of *Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater; Volume 2: Background Documentation for the Development of Tier I Environmental Screening Levels*, CRWQCBSFB, Interim Final – 2005.

Significant concentration reductions have been observed since beginning this monitoring/remediation program at the site.

- the highest MTBE concentration detected on November 5, 2005 (95 ug/L, in Well MW-1) is less than one percent of the historical maximum of 97,000 ug/L;
- the highest TPH-G concentration detected on November 5, 2005 (6,000 ug/L, in Well MW-10) is approximately one third of the historical maximum of 20,000 ug/L.

These data indicate that the remedial approach has substantially reduced contaminant concentrations since slowed the migration of the impacted groundwater.

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. Descriptions of the site geologic and hydrogeologic conditions are available in hard copy in any of the previous report submittals or electronically on the Tesoro Petroleum Sharepoint website (https://portal.haleyaldrich.com/sites /ext/Tesoro/San Lorenzo).

4.0 SITE ASSESSMENT ACTIVITIES

No supplemental site assessment activities were performed during this reporting period. A summary of previous work conducted at the site is available in hard copy in any of the previous report submittals or electronically on the Tesoro Petroleum 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 November 5, 2005, static groundwater levels in monitoring wells MW-1 through MW-11 and RW1 were measured. No free product was observed in any of the groundwater monitoring wells. Groundwater monitoring data are presented in Table 1. These data, used to prepare Figure 3 Groundwater Elevation Contour Map, were obtained with a handheld groundwater level sensor during the November 5, 2005 sampling event. The contour map indicates that the predominant groundwater flow direction is to the southwest.

5.2 LABORATORY ANALYSIS

Groundwater samples collected during this sampling event were 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 (including Fourth Quarter 2005) 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. Field data sheets from the quarterly monitoring and sampling event are included in Appendix A and the final laboratory reports with chain of custody records for the 4th Quarter 2005 quarterly groundwater sampling event are included in Appendix B.

5.3 FINDINGS

On November 5, 2005, groundwater levels were measured with RW-1 operating to determine the extent of groundwater recovery. The capture zone of pumping well RW-1 extends to the southwest to the vicinity of MW-10. However, the pumping of RW-1 does not appear to effect the groundwater elevation in MW-3. These data indicate that groundwater recovery at RW-1 is dominated by the water bearing unit identified during the installation of RW-2 that appears to extend in the southwesterly direction through MW-10 and MW-11. Figure 3 presents Groundwater Elevation Contour Map for the November 5, 2005 sampling event and the observed capture zone for RW-1, illustrating the preferred flow of groundwater recovery extending from the site to the southwest.

Results of laboratory analysis of groundwater samples collected on November 5, 2005, from wells MW-1, MW-2, MW-3, MW-10, MW-11 and RW-2 are summarized in Table 1 and indicate the following:

- Benzene was only detected in the groundwater sample collected from well MW-3 at a concentration of 230 ug/L. All other sample locations exhibited benzene concentrations below laboratory reporting limits. These data are consistent with groundwater sample results from the Third Quarter 2005. Figure 4 presents the Benzene iso-concentration map for the November 5, 2005 sampling event.

- TPH-G was detected in groundwater samples collected from Wells MW-1, MW-3, RW-2, MW-10, and MW-11 at concentrations of 220, 4100, 2400, 110, 6000, and 310 ug/L, respectively. Figure 5 presents the TPH-G iso-concentration map for the November 5, 2005 sampling event.

- Methyl tertiary butyl ether (MTBE) was detected in groundwater samples collected from wells MW-1, MW-2, MW-3, MW-10, MW-11, RW-1 and RW-2 at concentrations of 95, 11, 81, 5.5, 4.8, 27 and 12 ug/L, respectively. Results are consistent with groundwater sample results from the Third Quarter 2005. Figure 6 presents the MTBE iso-concentration map for the November 5, 2005 sampling event.

- Total xylenes were detected in groundwater samples collected from wells MW-3, MW-10, MW-11 and RW-2 at concentrations of 600, 56, 1.6, and 19 ug/L, respectively. Results are consistent with groundwater sample results from the Third Quarter 2005. Figure 7 presents the total xylenes iso-concentration map for the November 5, 2005 sampling event.

6.0 SITE CONCEPTUAL MODEL OVERVIEW AND UPDATE

6.1 HYDROGEOLOGIC SETTING

The groundwater flow from the site extends towards the southwest, which is consistent with recent monitoring events, and consistent with the previous understanding of the hydrogeologic conditions at the site. This groundwater flow regime is dominated by permeable deposits at a depth of about 15 feet below ground surface that appears 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, MW-11 support the presence of a preferential flow path for impacted groundwater.

6.2 GROUNDWATER QUALITY

Current groundwater monitoring results suggest that the Groundwater Screening Levels as published by the CRWQCBSFB (Table F-1b) have been met at the site with the exception of benzene and total xylenes in MW-3 and TPH-G in wells MW-3, RW-2, and MW-10. These data indicate that the site may require further active remediation to achieve acceptable groundwater quality.

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 actively respire the contaminants present. However, in order to identify areas of the site where O_3 and/or pure O_2 injection would be beneficial, additional groundwater monitoring data is required.

To address this data need, future groundwater sampling using low-flow low stress methods at the site will include the measurement of dissolved oxygen (DO), ferrous iron (Fe^{2+}), total alkalinity, carbon dioxide (CO_2) and oxidation-reduction potential (ORP). After two quarters of data collection, areas of the site identified as anaerobic could be addressed through the introduction of O_3 and/or pure O_2 to increase the rate of aerobic biodegradation already observed at the site.

7.0 GROUNDWATER EXTRACTION AND TREATMENT SYSTEM PERFORMANCE

7.1 OPERATIONS UPDATE

A process flow diagram for the groundwater treatment system is provided as Figure 8 of this report. The system consists of one pumping well (RW-1) with groundwater treatment achieved using a diffused aeration tank (DAT) interfaced with a 150 standard cubic feet per minute (SCFM) blower and three (3) 200 pound (lb) granular activated carbon canisters (GAC). Final discharge of treated groundwater is gravity fed to the municipal sewer. Total volume of groundwater extracted and treated during the quarter was approximately 210,000 gallons for an average recovery rate of 1.6 gallons per minute. No significant maintenance activities were performed on the groundwater extraction and treatment system during the quarter.

Influent, mid, and effluent groundwater treatment system samples were collected for analysis of BTEX, fuel oxygenates and TPH-G on October 26, November 27 and December 27, 2005. Maximum concentration of contaminants detected was 49 ug/L for MTBE and 1.3 ug/L for benzene. During the Fourth Quarter 2005, no detectable concentrations of BTEX, MTBE, or TPH-G were identified in the system effluent and mid-treatment samples.

Effluent vapor from the DAT blower is treated with two (2) 200 lb GAC canisters with final discharge to the atmosphere. During the Fourth Quarter 2005, no detectable concentrations of BTEX, MTBE, or TPH-G were identified in the DAT blower vapor stream.

Table 2 presents the results of the process sampling and analysis performed during the quarter as well as historical data for the operation of the system since 2000.

7.2 CONCLUSIONS AND RECOMMENDATIONS

Since there were no detectable concentrations of BTEX, MTBE and TPH-G in the DAT vapor stream for all samples collected during the Fourth Quarter 2005, it appears that the use of the DAT and ancillary blower system as a pre-treatment unit for the extracted groundwater is no longer needed for groundwater recovered from RW-1. However, continued operation of the system is warranted as conversion of the extraction system to include MW-3R and RW-2 could produce groundwater with higher concentrations of contaminants requiring treatment. After completing conversion of the recovery system to include MW-3R and RW-2, process samples will be collected and analyzed to determine if the treatment system should be simplified.

8.0 PROPOSED FUTURE WORK ACTIVITIES

On December 9, 2005, Tesoro received a request from the Alameda County Health Care Agency for a detailed work plan describing future work activities at the site. The request and recommended activities were developed by the Agency's Case Manager, Jerry Wickham, based on review of the historical project files and the Site Conceptual Model completed and presented on the Tesoro Petroleum Sharepoint site. (https://portal.haleyaldrich.com/sites/ext/Tesoro/San Lorenzo)

This section of the report will address each of the requested work activities and will provide a description of the proposed tasks to be completed by Tesoro in response to the Agency's December 9, 2005 letter.

8.1 SITE CONCEPTUAL MODEL UPDATES

This report and the subsequent data collected as part of the Quarterly Monitoring program will be posted on the State of California Geotracker system and the Tesoro Petroleum Sharepoint site to update the Site Conceptual Model. Data collected during the 4th Quarter 2005 monitoring event were in line with previous data is consistent with our understanding of the subsurface conditions at the site.

8.2 OZONE (O_3) SPARGE WELL / GENERATOR INSTALLATION

Based on the observed reduction in contaminant concentrations and the need to develop an improved understanding of the subsurface groundwater oxidation/reduction conditions, Tesoro requests that implementation of the approved Ozone Sparge Well Installation Work Plan (RDM, 2004) be delayed while additional site data are collected and a focused remedial plan is developed.

With the continued reduction of contaminant concentrations within the site groundwater and the observed control of groundwater migration from the site through the current groundwater recovery system, we believe that a delay in the implementation of the proposed O_3 generator/sparge system is appropriate for the following reasons. Historical groundwater quality data trends indicate that intrinsic biodegradation is occurring at the site. No rebound of contaminant concentrations in groundwater has been very slow, and the delay is warranted so that additional data can be collected to better understand the limitations of intrinsic biodegradation processes before more aggressive remedial measures are implemented.

8.3 EXPANSION OF GROUNDWATER EXTRACTION SYSTEM

Tesoro proposes to install groundwater recovery pumps in wells MW-3R and RW-2 to enhance the capture zone of groundwater migrating from the site. Based on the data collected during the installation of RW-2, we anticipate that groundwater recovery rates will increase and an expansion of the capture zone should be observed. To confirm these assumptions, prior to the start-up of the recovery well pumps, datalogging systems will be installed in on-site monitoring wells and handheld readings will be taken at off-site monitoring well locations to determine the area of influence from the new pumping wells.

Groundwater level measurements will be taken prior to the start-up of the new recovery wells. Datalogger readings will be taken at least every hour for the first 48 hours of recovery well operation. Manual readings from the offsite well locations will be collected every 6 hours until the groundwater levels have stabilized to within +/-0.5 feet.

Concurrent with start-up of the expanded groundwater recovery system, process vapor and groundwater samples will be collected for analysis of the site contaminants and discharge permit required indicator parameters. Comparison of contaminant levels and process parameters will be used to determine if modifications to the current treatment system are warranted.

8.4 PLUME DELINEATION

Significant subsurface exploration data has been collected during the investigation and installation of recovery wells at the site from 1989 to the present. We propose to compile all data resources and refine the previously submitted vertical cross sections along and perpendicular to the preferential path of groundwater flow. Confirmation well location elevations and a review of historical well borings logs will be performed and submitted with the next Quarterly Report, accompanied by recommendations for additional data collection activities (if deemed warranted).

8.5 UPDATED WELL SURVEY

An updated well survey will be conducted as requested. The historical well survey will be expanded to include active, inactive, standby, decommissioned and abandoned wells within 2000 feet. The well use information will be collected using available records from the County of Alameda Public Works Agency and the State of California Department of Water Resources. The findings of the well survey will be reported in the next Quarterly Remediation Status Report.

8.6 SITE UTILITY SURVEY

A site utility survey will be conducted as part of the quarterly remedial system and groundwater monitoring activities to be conducted at the site. Subsurface utility conduits will be identified through public records available from local utility service providers and the current property owner.

Identified subsurface utilities will be plotted on the site map and plume delineation cross sections to be provided in the next Quarterly Remediation Status Report.

9.0 PROPOSED WORK SCHEDULE

RDM, Haley & Aldrich, and Tesoro propose the following work activities for the First and Second Quarters of 2006 with the majority of the activities are anticipated to be completed and reported in the Second Quarter 2006 Quarterly Remediation Progress Report.

- Complete the Scope of Work detailed above in Section 8.0 of this report.
- Conversion of MW-3R and RW-2 to active pumping wells with the additional data collection activities to evaluate the effective groundwater capture zone for the recovery system.
- Collect TPH-G, VOC and monitored natural attenuation (MNA) (e.g., dissolved oxygen, oxidation/reduction potential, pH, conductivity, ferrous iron, alkalinity, carbon dioxide) parameters from all wells using low flow sampling methods.
- We anticipate the analytical results will provide insight with respect to the following two concerns/issues:
    - Whether subsurface conditions are appropriate for the implementation of an MNA remedial approach for the mitigation of residual contaminants present in soil and groundwater.
    - If site conditions warrant the addition of ozone or pure oxygen or other active redial effort to enhance the intrinsic biodegradation processes already 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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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

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	02/18/92	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

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

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

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

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GROUND WATER MONITORING DATA

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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

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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

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GROUND WATER MONITORING DATA

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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

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

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

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
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	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

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

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

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	NM	<0.5	<0.5	45	70	4,200	29	ND	No free product or sheen
	02/04/05		15.44	NM	<0.5	<0.5	24	24	2,900	41	ND	No free product or sheen
	04/13/05		14.54	NM	<0.5	<0.5	8.6	9.9	1,400	39	ND	No free product or sheen
	08/10/05		15.93	NM	<0.5	<0.5	26	33	2,900	29	ND	No free product or sheen
	11/05/05		16.36	NM	<0.5	<0.5	16	19	2,400	12	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
Ground Water System Performance Data Sheet
Tesoro Station No. 67107
(Former Beacon Station No. 3721)

Site Visit (Date)	Totalizer	Change in Totalizer	Sample ID	Concentrations in Micrograms per liter (µg/L)						ppm		pH
				Benzene	Toluene	Ethyl - Benzene	Total Xylenes	TPHg[a]	MTBE[b]	COD[c]	TSS[d]	
10/4/2000	190,140	0	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
10/17/2000	190,140	0	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
11/10/2000	190,440	300	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
11/29/2000	200,600	10,460	Influent	14	<0.5	<0.5	1.1	96	NA	NA	NA	NA
			Dat-Eff	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	NA
			Mid-1	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	NA
			Mid-2	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	NA
12/7/2000	201,010	410	Influent	14	<0.5	<0.5	<0.5	56	NA	NA	NA	NA
			Dat-Eff	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	NA
			Mid-1	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	NA
			Mid-2	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	NA
12/20/2000	218,900	17,890	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
01/04/01	218,970	70	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
01/19/01	110	100	Influent	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	NA
	*		Dat-Eff	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	NA
			Mid-1	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	NA
			Mid-2	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	NA
02/15/01	12,730	12,620	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
02/23/01	21,900	9,170	Influent	<0.5	<0.5	<0.5	<0.5	<50	240	NA	NA	NA
			Dat-Eff	<0.5	<0.5	<0.5	<0.5	<50	1.8	NA	NA	NA
			Mid-1	<0.5	<0.5	<0.5	<0.5	<50	7.3	NA	NA	NA
			Mid-2	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	1.4	<10	5.0	7.63
03/01/01	22,260	360	Influent	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	NA
			Dat-Eff	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	NA
			Mid-1	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	NA
			Mid-2	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	NA	<10	<5.0	7.49
03/23/01	50,000	27,740	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Table 2
Ground Water System Performance Data Sheet
Tesoro Station No. 67107
(Former Beacon Station No. 3721)

Site Visit (Date)	Totalizer	Change in Totalizer	Sample ID	Concentrations in Micrograms per liter (µg/L)						ppm		pH
				Benzene	Toluene	Ethyl - Benzene	Total Xylenes	TPHg[a]	MTBE[b]	COD[c]	TSS[d]	
04/05/01	118,900	68,900	Influent	<0.5	<0.5	<0.5	<0.5	<50	320	NA	NA	NA
			Dat-Eff	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	NA	NA
			Mid-1	<0.5	<0.5	<0.5	<0.5	<50	65	NA	NA	NA
			Mid-2	<0.5	<0.5	<0.5	<0.5	<50	9.2	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	<5.0	<10	<5.0	7.79
04/18/01	140,190	21,290	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
05/15/01	159,810	19,620	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
05/21/01	172,540	12,730	Influent	3.8	1.4	1.3	16	67	NA	NA	NA	NA
			Dat-Eff	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	NA
			Mid-1	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	NA
			Mid-2	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	NA	<10	<5.0	7.90
06/05/01	185,810	13,270	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
06/21/01	185,830	20	Influent	2.9	<0.5	<0.5	<0.5	<50	NA	NA	NA	NA
			Dat-Eff	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	NA
			Mid-1	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	NA
			Mid-2	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	NA	<10	<5.0	7.44
07/05/01	186,000	170	Influent	3.6	<0.5	<0.5	<0.5	<50	290	NA	NA	NA
			Dat-Eff	<0.5	<0.5	<0.5	<0.5	100	8.3	NA	NA	NA
			Mid-1	<0.5	<0.5	<0.5	<0.5	<50	47	NA	NA	NA
			Mid-2	<0.5	<0.5	<0.5	<0.5	<50	12	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	<5.0	<10	<5.0	6.99
07/16/01	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
08/17/01	186,040	40	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
08/24/01	207,160	21,120	Influent	8.5	<0.5	<0.5	1.4	<50	370	NA	NA	NA
			Dat-Eff	<0.5	<0.5	<0.5	<0.5	100	62	NA	NA	NA
			Mid-1	<0.5	<0.5	<0.5	<0.5	<50	90	NA	NA	NA
			Mid-2	<0.5	<0.5	<0.5	<0.5	<50	25	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	<5.0	<10	<5.0	7.79
09/06/01	233,430	26,270	Influent	66	0.93	<0.5	6.3	150	650	NA	NA	NA
			Dat-Eff	<0.5	<0.5	<0.5	<0.5	<50	6.0	NA	NA	NA
			Mid-1	<0.5	<0.5	<0.5	<0.5	<50	67	NA	NA	NA
			Mid-2	<0.5	<0.5	<0.5	<0.5	<50	24	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	<5.0	<10	<5.0	7.62
09/29/01	239,410	5,980	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
10/08/01	273,690	34,280	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Table 2
Ground Water System Performance Data Sheet
Tesoro Station No. 67107
(Former Beacon Station No. 3721)

Site Visit (Date)	Totalizer	Change in Totalizer	Sample ID	Concentrations in Micrograms per liter (µg/L)						ppm		pH
				Benzene	Toluene	Ethyl - Benzene	Total Xylenes	TPHg[a]	MTBE[b]	COD[c]	TSS[d]	
10/19/01	273,800	110	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
11/02/01	352,260	78,460	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
11/23/01	394,260	42,000	Influent	22	<2.0	<2.0	<2.0	<200	630	NA	NA	NA
			Dat-Eff	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	NA	NA
			Mid-1	<0.5	<0.5	<0.5	<0.5	<50	31	NA	NA	NA
			Mid-2	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	<5.0	<10	<5.0	9.07/7.82**
12/13/01	400,690	6,430	Influent	5.7	<1.0	<1.0	<1.0	<100	370	NA	NA	NA
			Dat-Eff	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	NA	NA
			Mid-1	<0.5	<0.5	<0.5	<0.5	<50	31	NA	NA	NA
			Mid-2	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	<5.0	<10	NA	7.66**
12/27/2001	437,150	36,460	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
01/17/02	437,340	190	Influent	<0.5	<0.5	<0.5	<0.5	<50	240	NA	NA	NA
			Dat-Eff	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	NA	NA
			Mid-1	<0.5	<0.5	<0.5	<0.5	<50	25	NA	NA	NA
			Mid-2	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	<5.0	<10	<5.0	7.54**
01/29/02	461,150	23,810	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
02/13/02	477,300	16,150	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
02/18/02	507,110	29,810	Influent	0.6	<0.5	<0.5	2.1	<50	180	NA	NA	NA
			Dat-Eff	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	NA	NA
			Mid-1	<0.5	<0.5	<0.5	<0.5	<50	7.8	NA	NA	NA
			Mid-2	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	<5.0	<10	<5.0	7.68**
03/08/02	509,940	2,830	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
03/20/02	561,510	51,570	Influent	1.2	<0.5	<0.5	2.1	<50	210	NA	NA	NA
			Dat-Eff	<0.5	<0.5	<0.5	<0.5	<50	9.5	NA	NA	NA
			Mid-1	<0.5	<0.5	<0.5	<0.5	<50	18	NA	NA	NA
			Mid-2	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	<5.0	11	52	7.45**
04/12/02	568,950	7,440	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Table 2
Ground Water System Performance Data Sheet
Tesoro Station No. 67107
(Former Beacon Station No. 3721)

Site Visit (Date)	Totalizer	Change in Totalizer	Sample ID	Concentrations in Micrograms per liter (µg/L)						ppm		pH
				Benzene	Toluene	Ethyl - Benzene	Total Xylenes	TPHg[a]	MTBE[b]	COD[c]	TSS[d]	
04/18/02	570,490	1,540	Influent	<0.5	<0.5	<0.5	<0.5	<50	140	NA	NA	NA
			Dat-Eff	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	NA	NA
			Mid-1	NS	NS	NS	NS	NS	NS	NS	NS	NS
			Mid-2	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	<5.0	<10	26	7.8**
05/13/02	703,960	133,470	Influent	<0.5	<0.5	<0.5	<0.5	<50	220	NA	NA	NA
			Dat-Eff	<0.5	<0.5	<0.5	<0.5	<50	98	NA	NA	NA
			Mid-1	NS	NS	NS	NS	NS	NS	NS	NS	NS
			Mid-2	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	<5.0	13	<1.0	7.45**
05/24/02	762,880	58,920	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
06/12/02	861,220	98,340	Influent	<0.5	<0.5	<0.5	<0.5	<50	220	NA	NA	NA
			Dat-Eff	<0.5	<0.5	<0.5	<0.5	<50	89	NA	NA	NA
			Mid-1	NS	NS	NS	NS	NS	NS	NS	NS	NS
			Mid-2	<0.5	<0.5	<0.5	<0.5	<50	23	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	<5.0	<5.0	5	7.24**
06/20/02	902,920	41,700	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
07/05/02	976,890	73,970	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
07/23/02	988,120	11,230	Influent	85	<0.5	<0.5	7.3	220	520	NA	NA	NA
			Dat-Eff	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	NA	NA
			Mid-1	NS	NS	NS	NS	NS	NS	NS	NS	NS
			Mid-2	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	<5.0	10	3.6	7.46**
08/01/02	1,040,520	52,400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
08/21/02	1,132,920	92,400	Influent	<0.5	<0.5	<0.5	<0.5	<50	190	NA	NA	NA
			Dat-Eff	<0.5	<0.5	<0.5	<0.5	<50	29	NA	NA	NA
			Mid-1	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	NA
			Mid-2	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	4.8	5.1	<1.0	7.32**
09/14/02	1,245,710	112,790	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
09/23/02	1,268,520	22,810	Influent	6.5	0.53	1.2	2.5	<50	230	NA	NA	NA
			Dat-Eff	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	NA	NA
			Mid-1	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NS	NS	NS
			Mid-2	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	<5.0	7.7	<1.0	7.47**
10/07/02	1,332,060	63,540	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Table 2
Ground Water System Performance Data Sheet
Tesoro Station No. 67107
(Former Beacon Station No. 3721)

Site Visit (Date)	Totalizer	Change in Totalizer	Sample ID	Concentrations in Micrograms per liter (µg/L)						ppm		pH
				Benzene	Toluene	Ethyl - Benzene	Total Xylenes	TPHg[a]	MTBE[b]	COD[c]	TSS[d]	
10/22/02	1,392,920	60,860	Influent	<0.5	<0.5	<0.5	<0.5	<50	150	NA	NA	NA
			Dat-Eff	<0.5	<0.5	<0.5	<0.5	<50	69	NA	NA	NA
			Mid-1	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NS	NS	NS
			Mid-2	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	<5.0	13.0	<1.0	7.48**
11/11/02	1,411,070	18,150	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
11/24/02	1,474,210	63,140	Influent	<0.5	<0.5	<0.5	<0.5	<50	170	NA	NA	NA
			Dat-Eff	<0.5	<0.5	<0.5	<0.5	<50	130	NA	NA	NA
			Mid-1	<0.5	<0.5	<0.5	<0.5	<50	3.2	NS	NS	NS
			Mid-2	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	0.95	10.0	<1.0	7.52**
12/11/02	1,548,430	74,220	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
12/20/02	1,597,130	48,700	Influent	<0.5	<0.5	<0.5	<0.5	<50	150	NA	NA	NA
			Dat-Eff	<0.5	<0.5	<0.5	<0.5	<50	120	NA	NA	NA
			Mid-1	<0.5	<0.5	<0.5	<0.5	<50	1.5	NS	NS	NS
			Mid-2	<0.5	<0.5	<0.5	<0.5	<50	0.57	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	0.71	<5.0	<1.0	7.58**
01/03/03	1,671,090	73,960	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
01/29/03	1,807,900	136,810	Influent	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	NA
			Dat-Eff	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	NA
			Mid-1	<0.5	<0.5	<0.5	<0.5	<50	NA	NS	NS	NS
			Mid-2	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	NA	10.0	<1.0	7.47**
02/17/03	1,904,010	96,110	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
02/20/03	1,919,460	15,450	Influent	<0.5	<0.5	<0.5	<0.5	<50	130	NA	NA	NA
			Dat-Eff	<0.5	<0.5	<0.5	<0.5	<50	100	NA	NA	NA
			Mid-1	<0.5	<0.5	<0.5	<0.5	<50	7.2	NS	NS	NS
			Mid-2	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	<0.5	7.7	<1.0	7.71
03/04/03	1,978,940	59,480	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Table 2
Ground Water System Performance Data Sheet
Tesoro Station No. 67107
(Former Beacon Station No. 3721)

Site Visit (Date)	Totalizer	Change in Totalizer	Sample ID	Concentrations in Micrograms per liter (µg/L)						ppm		pH
				Benzene	Toluene	Ethyl - Benzene	Total Xylenes	TPHg[a]	MTBE[b]	COD[c]	TSS[d]	
03/20/03	2,012,550	33,610	Influent	5.7	0.72	1.5	5.1	65	260	NA	NA	NA
			Dat-Eff	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	NA
			Mid-1	<0.5	<0.5	<0.5	<0.5	<50	2.3	NS	NS	NS
			Mid-2	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	0.52	<5.0	<1.0	7.42
04/01/03	2,072,600	60,050	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
04/22/03	2,176,680	104,080	Influent	<0.5	<0.5	<0.5	<0.5	<50	120	NA	NA	NA
			Dat-Eff	<0.5	<0.5	<0.5	<0.5	<50	69	NA	NA	NA
			Mid-1	<0.5	<0.5	<0.5	<0.5	<50	70	NS	NS	NS
			Mid-2	<0.5	<0.5	<0.5	<0.5	<50	2.1	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	0.72	16.0	<1.0	7.49
05/14/03	2,286,720	110,040	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
05/29/03	2,344,540	57,820	Influent	8.0	1.1	2.6	6.7	79	140	NA	NA	NA
			Dat-Eff	<0.5	<0.5	<0.5	<0.5	<50	4.3	NA	NA	NA
			Mid-1	<0.5	<0.5	<0.5	<0.5	<50	5.7	NS	NS	NS
			Mid-2	<0.5	<0.5	<0.5	<0.5	<50	0.77	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	0.66	5.1	<1.0	7.62
06/10/03	2,345,770	1,230	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
06/24/03	2,346,180	410	Influent	3.4	<0.5	0.78	1.2	<50	250	NA	NA	NA
			Dat-Eff	<0.5	<0.5	<0.5	<0.5	<50	2.2	NA	NA	NA
			Mid-1	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NS	NS	NS
			Mid-2	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	<0.5	7.7	<1.0	7.42
07/02/03	2,384,820	38,640	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
07/21/03	2,467,900	83,080	Influent	<0.5	<0.5	<0.5	<0.5	<50	110	NA	NA	NA
			Dat-Eff	<0.5	<0.5	<0.5	<0.5	<50	83	NA	NA	NA
			Mid-1	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NS	NS	NS
			Mid-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	<0.5	18	<1.0	7.84
08/06/03	2,537,130	69,230	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
08/20/03	2,596,230	59,100	Influent	<0.5	<0.5	<0.5	<0.5	<50	82	NA	NA	NA
			Dat-Eff	<0.5	<0.5	<0.5	<0.5	<50	63	NA	NA	NA
			Mid-1	<0.5	<0.5	<0.5	<0.5	<50	11	NS	NS	NS
			Mid-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NR	NR	7.24
09/07/03	2,603,720	7,490	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
09/21/03	2,604,320	600	Influent	1.0	<0.5	<0.5	<0.5	<50	240	NA	NA	NA
			Dat-Eff	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	NA
			Mid-1	<0.5	<0.5	<0.5	<0.5	<50	3.0	NS	NS	NS
			Mid-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	<0.5	<5.0	<1.0	7.61

Table 2
Ground Water System Performance Data Sheet
Tesoro Station No. 67107
(Former Beacon Station No. 3721)

Site Visit (Date)	Totalizer	Change in Totalizer	Sample ID	Concentrations in Micrograms per liter (µg/L)						ppm		pH
				Benzene	Toluene	Ethyl - Benzene	Total Xylenes	TPHg[a]	MTBE[b]	COD[c]	TSS[d]	
10/10/03	2,677,470	73,150	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
10/30/03	2,756,950	79,480	Influent	<0.5	<0.5	<0.5	<0.5	<50	89	NA	NA	NA
			Dat-Eff	<0.5	<0.5	<0.5	<0.5	<50	65	NA	NA	NA
			Mid-1	<0.5	<0.5	<0.5	<0.5	<50	12	NA	NA	NA
			Mid-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	2.6	<5.0	<1.0	6.88
11/16/03	2,821,800	64,850	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
11/26/03	2,853,250	31,450	Influent	<0.5	<0.5	<0.5	<0.5	<50	87	NA	NA	NA
			Dat-Eff	0.96	<0.5	<0.5	<0.5	<50	60	NA	NA	NA
			Mid-1	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	NA
			Mid-2	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	<0.5	<5.0	<1.0	7.12
12/18/03	2,900,120	46,870	Influent	<0.5	<0.5	<0.5	<0.5	<50	3.2	NA	NA	NA
			Dat-Eff	<0.5	<0.5	<0.5	<0.5	<50	12	NA	NA	NA
			Mid-1	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	NA
			Mid-2	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	<0.5	<5.0	<1.0	7.28
12/29/03	2,956,060	55,940	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
01/10/04	2,959,680	3,620	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
01/28/04	2,959,680	0	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
02/13/04	2,959,680	0	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
02/28/04	2,960,330	650	Influent	1.4	<0.5	<0.5	<0.5	<50	110	NA	NA	NA
			Dat-Eff	<0.5	<0.5	<0.5	<0.5	<50	2.6	NA	NA	NA
			Mid-1	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	NA
			Mid-2	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	<1.0	7.48
03/15/04	3,051,940	91,610	Influent	<0.5	<0.5	<0.5	<0.5	<50	73	NA	NA	NA
			Dat-Eff	<0.5	<0.5	<0.5	<0.5	<50	61	NA	NA	NA
			Mid-1	<0.5	<0.5	<0.5	<0.5	<50	0.64	NA	NA	NA
			Mid-2	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	<0.5	7.7	<1.0	7.64

Table 2
Ground Water System Performance Data Sheet
Tesoro Station No. 67107
(Former Beacon Station No. 3721)

Site Visit (Date)	Totalizer	Change in Totalizer	Sample ID	Concentrations in Micrograms per liter (µg/L)						ppm		pH
				Benzene	Toluene	Ethyl - Benzene	Total Xylenes	TPHg[a]	MTBE[b]	COD[c]	TSS[d]	
03/30/04	3,134,660	82,720	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
04/13/04	3,207,100	72,440	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
04/19/04	3,224,586	17,486	Influent	1.4	<0.5	<0.5	0.89	<50	89	NA	NA	NA
			Dat-Eff	<0.5	<0.5	<0.5	<0.5	<50	5.6	NA	NA	NA
			Mid-1	<0.5	<0.5	<0.5	<0.5	<50	1.9	NA	NA	NA
			Mid-2	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	<0.5	5.1	<1.0	7.82
05/14/04	3,340,018	115,432	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
05/26/04	3,392,984	52,966	Influent	<0.5	<0.5	<0.5	<0.5	<50	65	NA	NA	NA
			Dat-Eff	<0.5	<0.5	<0.5	<0.5	<50	52	NA	NA	NA
			Mid-1	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	NA
			Mid-2	NS	NS	NS	NS	NS	NS	NS	NS	NS
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	<0.5	10	4.2	7.66
06/22/04	3,456,780	63,796	Influent	4.7	<0.5	0.81	1.8	<50	99	NA	NA	NA
			Dat-Eff	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	NA
			Mid-1	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	NA
			Mid-2	NR	NR	NR	NR	NR	NR	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	<0.5	20.0	<1.0	7.56
06/30/04	3,473,610	16,830	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
07/06/04	3,491,096	17,486	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
07/28/04	3,497,468	6,372	Influent	0.78	<0.5	<0.5	<0.5	<50	120	NA	NA	NA
			Dat-Eff	1.0	<0.5	<0.5	<0.5	<50	22	NA	NA	NA
			Mid-1	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	NA
			Mid-2	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	<0.5	10.0	8.5	7.66
08/17/04	3,582,556	85,088	Influent	<0.5	<0.5	<0.5	<0.5	<50	66	NA	NA	NA
			Dat-Eff	<0.5	<0.5	<0.5	<0.5	<50	45	NA	NA	NA
			Mid-1	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	NA
			Mid-2	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	<0.5	120	1.4	7.54
08/30/04	3,634,100	51,544	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
09/11/04	3,677,440	43,340	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Table 2
Ground Water System Performance Data Sheet
Tesoro Station No. 67107
(Former Beacon Station No. 3721)

Site Visit (Date)	Totalizer	Change in Totalizer	Sample ID	Concentrations in Micrograms per liter (µg/L)						ppm		pH
				Benzene	Toluene	Ethyl - Benzene	Total Xylenes	TPHg[a]	MTBE[b]	COD[c]	TSS[d]	
09/18/04	3,708,380	30,940	Influent	<0.5	<0.5	<0.5	0.68	<50	56	NA	NA	NA
			Dat-Eff	<0.5	<0.5	<0.5	<0.5	<50	35	NA	NA	NA
			Mid-1	<0.5	<0.5	<0.5	<0.5	<50	0.56	NA	NA	NA
			Mid-2	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	<0.5	10	18	7.68
10/14/04	3,807,160	98,780	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
10/28/04	3,859,560	52,400	Influent	<0.5	<0.5	<0.5	<0.5	<50	50	NA	NA	NA
			Dat-Eff	<0.5	<0.5	<0.5	<0.5	<50	42	NA	NA	NA
			Mid-1	<0.5	<0.5	<0.5	<0.5	<50	1.0	NA	NA	NA
			Mid-2	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	<0.5	15	<1.0	7.65
11/15/04	3,903,130	43,570	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
11/23/04	3,904,650	1,520	Influent	2.9	<0.5	<0.5	<0.5	<50	84	NA	NA	NA
			Dat-Eff	<0.5	<0.5	<0.5	<0.5	<50	1.1	NA	NA	NA
			Mid-1	<0.5	<0.5	<0.5	<0.5	<50	1.0	NA	NA	NA
			Mid-2	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	7.54
12/15/04	3,918,320	13,670	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
12/26/2004	3,948,170	29,850	Influent	8.0	<0.5	<0.5	<0.5	<50	79	NA	NA	NA
			Dat-Eff	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	NA
			Mid-1	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Mid-2	<0.5	<0.5	<0.5	<0.5	<50	1.3	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	<0.5	64	<1.0	7.21
01/12/05	3,976,692	28,522	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1/26/2005	3,977,960	1,268	Influent	4.7	<0.5	<0.5	<0.5	62	31	NA	NA	NA
			Dat-Eff	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	NA
			Mid-1	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Mid-2	<0.5	<0.5	<0.5	<0.5	<50	0.93	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	<0.5	5.1	<1.0	7.35
02/01/05	4,005,700	27,740	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Table 2
Ground Water System Performance Data Sheet
Tesoro Station No. 67107
(Former Beacon Station No. 3721)

Site Visit (Date)	Totalizer	Change in Totalizer	Sample ID	Concentrations in Micrograms per liter (µg/L)						ppm		pH
				Benzene	Toluene	Ethyl - Benzene	Total Xylenes	TPHg[a]	MTBE[b]	COD[c]	TSS[d]	
2/27/2005	4,118,630	112,930	Influent	<0.5	<0.5	<0.5	<0.5	<50	47	NA	NA	NA
			Dat-Eff	<0.5	<0.5	<0.5	<0.5	<50	20	NA	NA	NA
			Mid-1	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Mid-2	<0.5	<0.5	<0.5	<0.5	<50	2.6	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	0.91	<5.0	NM	7.68
03/15/05	4,189,753	71,123	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
3/24/2005	4,232,660	42,907	Influent	0.55	<0.5	<0.5	<0.5	<50	51	NA	NA	NA
			Dat-Eff	1.3	<0.5	<0.5	1.9	<50	40	NA	NA	NA
			Mid-1	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Mid-2	<0.5	<0.5	<0.5	<0.5	<50	5.1	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	1.2	<5.0	<1.0	7.86
04/05/05	4,252,450	19,790	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4/26/2005	4,342,340	89,890	Influent	10	<0.5	0.68	3.0	100	57	NA	NA	NA
			Dat-Eff	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	NA
			Mid-1	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Mid-2	<0.5	<0.5	<0.5	<0.5	<50	1.6	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	88***	<0.5	10	1.1	7.34
05/12/05	4,385,510	43,170	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
5/30/2005	4,385,970	460	Influent	<0.5	<0.5	<0.5	<0.5	<50	3,900	NA	NA	NA
			Dat-Eff	<5.0	<5.0	<5.0	<5.0	<500	2,300	NA	NA	NA
			Mid-1	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	NA
			Mid-2	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	<0.5	38	69	7.85
06/06/05	4,387,750	1,780	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
6/28/2005	4,408,580	20,830	Influent	0.76	<0.5	<0.5	<0.5	<50	41	NA	NA	NA
			Dat-Eff	<0.5	<0.5	<0.5	<0.5	<50	4.9	NA	NA	NA
			Mid-1	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	NA
			Mid-2	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	<0.5	<5.0	1.1	7.56
07/20/05	4,491,369	82,789	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

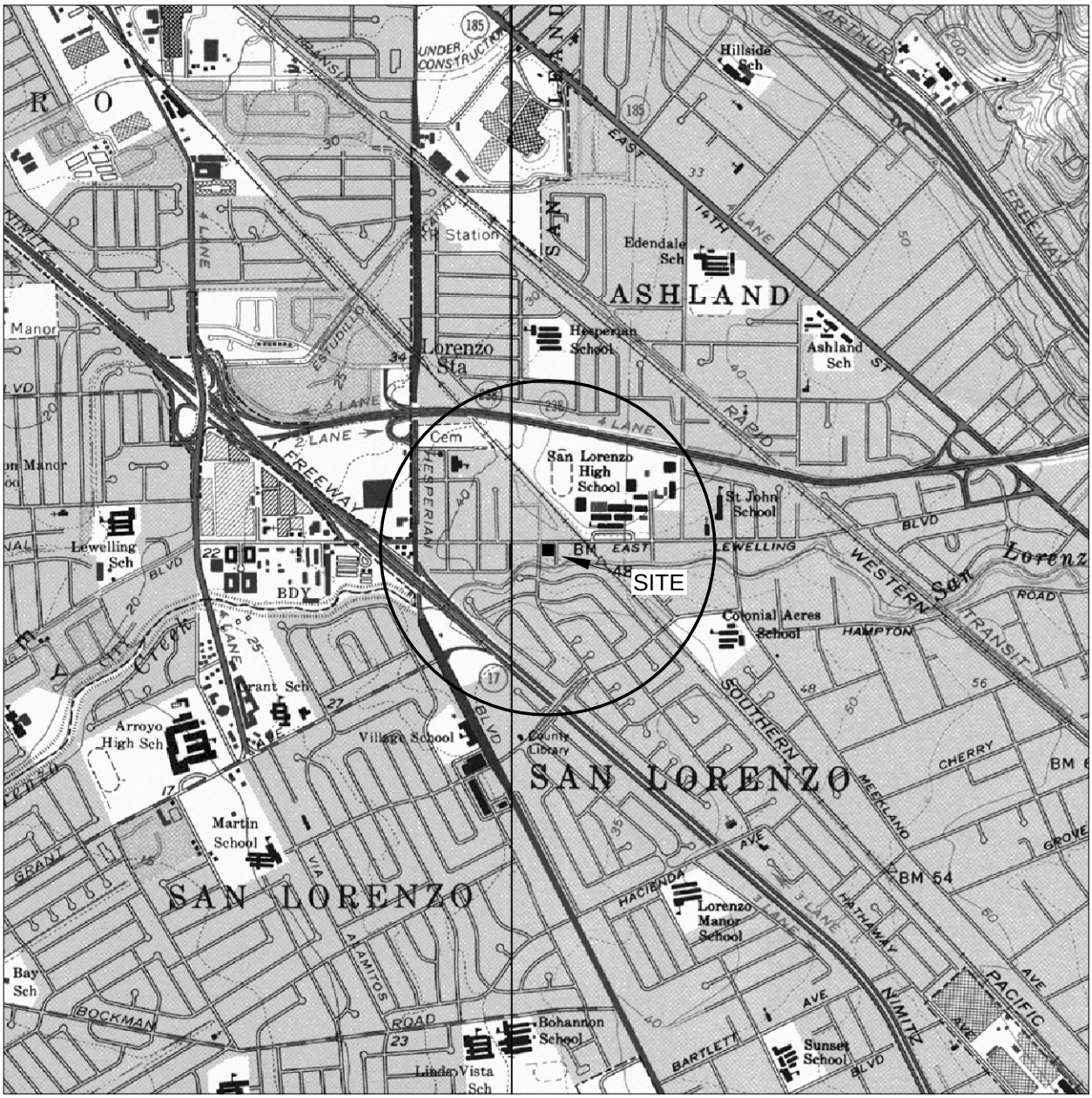
Table 2
Ground Water System Performance Data Sheet
Tesoro Station No. 67107
(Former Beacon Station No. 3721)

Site Visit (Date)	Totalizer	Change in Totalizer	Sample ID	Concentrations in Micrograms per liter (µg/L)						ppm		pH
				Benzene	Toluene	Ethyl - Benzene	Total Xylenes	TPHg[a]	MTBE[b]	COD[c]	TSS[d]	
7/28/2005	4,521,260	29,891	Influent	<0.5	<0.5	<0.5	<0.5	<50	30	NA	NA	NA
			Dat-Eff	<0.5	<0.5	<0.5	<0.5	<50	13	NA	NA	NA
			Mid-1	<0.5	<0.5	<0.5	<0.5	<50	1.7	NA	NA	NA
			Mid-2	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	<0.5	13	<1.0	7.86
08/04/05	4,545,530	24,270	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
8/24/2005	4,616,760	71,230	Influent	<0.5	<0.5	<0.5	<0.5	<50	22	NA	NA	NA
			Dat-Eff	<0.5	<0.5	<0.5	<0.5	<50	4.0	NA	NA	NA
			Mid-1	<0.5	<0.5	<0.5	<0.5	<50	0.89	NA	NA	NA
			Mid-2	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	<0.5	31	<1.0	7.61
09/20/05	4,711,090	94,330	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
9/29/2005	4,742,630	31,540	Influent	<0.5	<0.5	<0.5	<0.5	<50	19	NA	NA	NA
			Dat-Eff	<0.5	<0.5	<0.5	<0.5	<50	2.5	NA	NA	NA
			Mid-1	<0.5	<0.5	<0.5	<0.5	<50	0.7	NA	NA	NA
			Mid-2	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	<0.5	5.1	NA	7.21
10/04/05	4,749,580	6,950	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
10/26/2005	4,831,760	82,180	Influent	<0.5	<0.5	<0.5	<0.5	<50	19	NA	NA	NA
			Dat-Eff	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	NA
			Mid-1	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	NA
			Mid-2	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	<0.5	<5.0	<1.0	7.42
11/07/05	4,832,140	380	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
11/27/2005	4,833,260	1,120	Influent	1.3	<0.5	<0.5	<0.5	<50	49	NA	NA	NA
			Dat-Eff	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	NA
			Mid-1	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	NA
			Mid-2	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	<0.5	160	<1.0	7.09
12/13/2005	4,896,978	63,718	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Table 2
Ground Water System Performance Data Sheet
Tesoro Station No. 67107
(Former Beacon Station No. 3721)

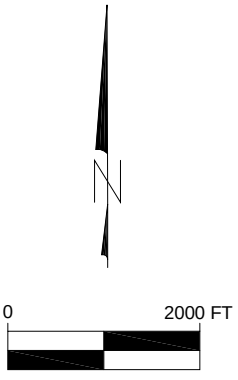
Site Visit (Date)	Totalizer	Change in Totalizer	Sample ID	Concentrations in Micrograms per liter (µg/L)						ppm		pH
				Benzene	Toluene	Ethyl - Benzene	Total Xylenes	TPHg[a]	MTBE[b]	COD[c]	TSS[d]	
12/27/2005	4,949,960	52,982	Influent	<0.5	<0.5	<0.5	<0.5	<50	18	NA	NA	NA
			Dat-Eff	<0.5	<0.5	<0.5	<0.5	<50	12	NA	NA	NA
			Mid-1	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	NA
			Mid-2	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	<0.5	<5.0	<1.0	7.89
1/12/2006	4,964,992	15,032	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1/29/2006	4,969,103	4,111	Influent	3.2	<0.5	0.61	1.7	<50	21	NA	NA	NA
			Dat-Eff	<0.5	<0.5	<0.5	<0.5	<50	1.2	NA	NA	NA
			Mid-1	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	NA
			Mid-2	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	<0.5	5.1	<1.0	7.58
2/8/2006	5,007,498	38,395	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
2/27/2006	5,007,498	0	Influent	<0.5	<0.5	<0.5	<0.5	<50	6.1	NA	NA	NA
			Dat-Eff	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	NA
			Mid-1	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Mid-2	<0.5	<0.5	<0.5	<0.5	<50	1.5	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	<0.5	5.1	<1.0	7.65

* = changed out totalizer
** = Field Measurements
*** = Hydrocarbon reported as TPH as gasoline do not exhibit a typical gasoline chromatographic pattern for sample GW-Eff
ppm = parts per million
Notes:
a) Total Petroleum Hydrocarbons as gasoline
b) Methyl-t-butyl ether
c) C.O.D. = Chemical oxygen demand.
d) T.S.S. = Total suspended solids.
NS = Not Sampled
NA = Not Analyzed
NR = Not Reported - results not released by laboratory at the time of this submittal



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

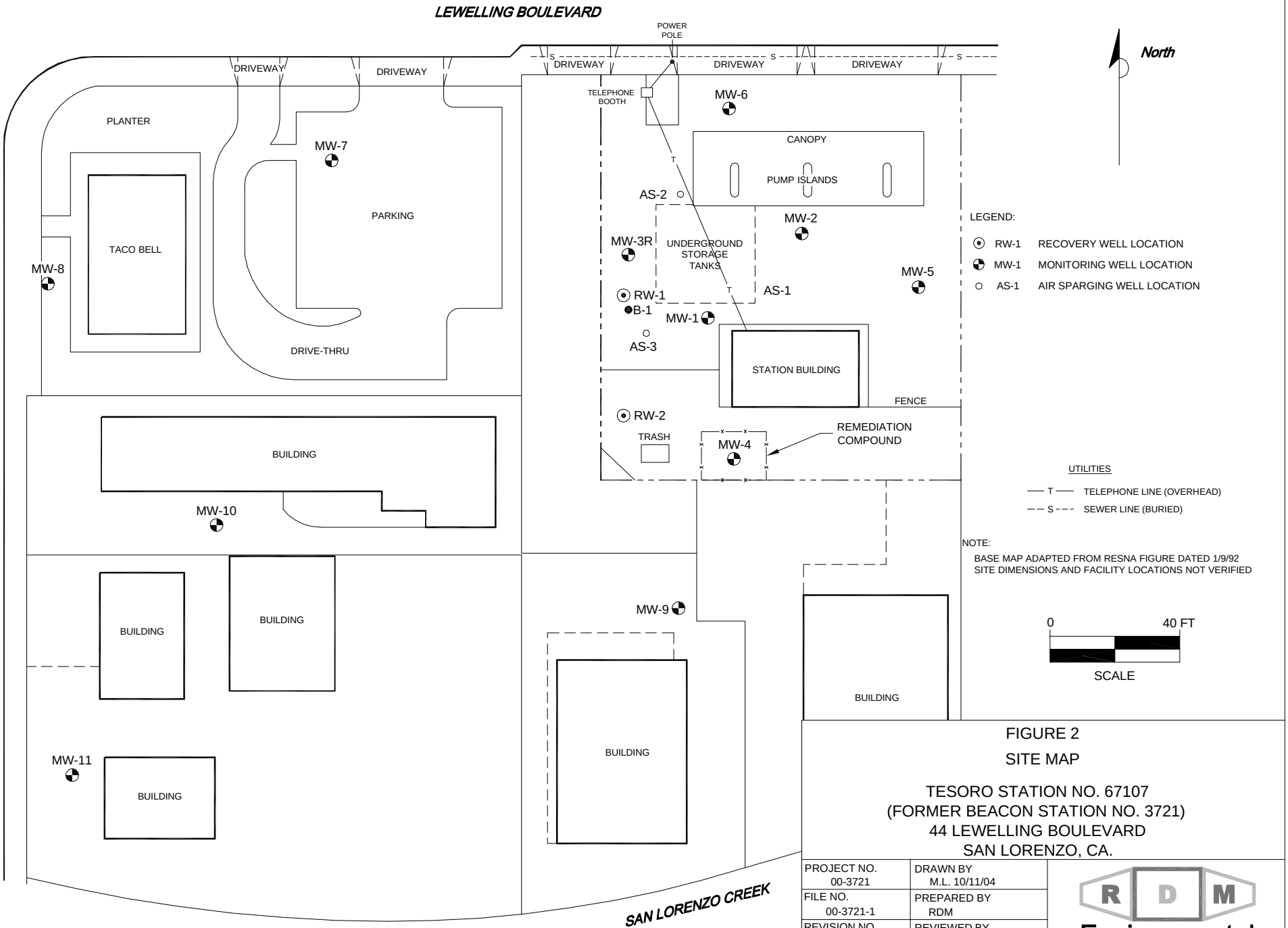


FIGURE 2

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

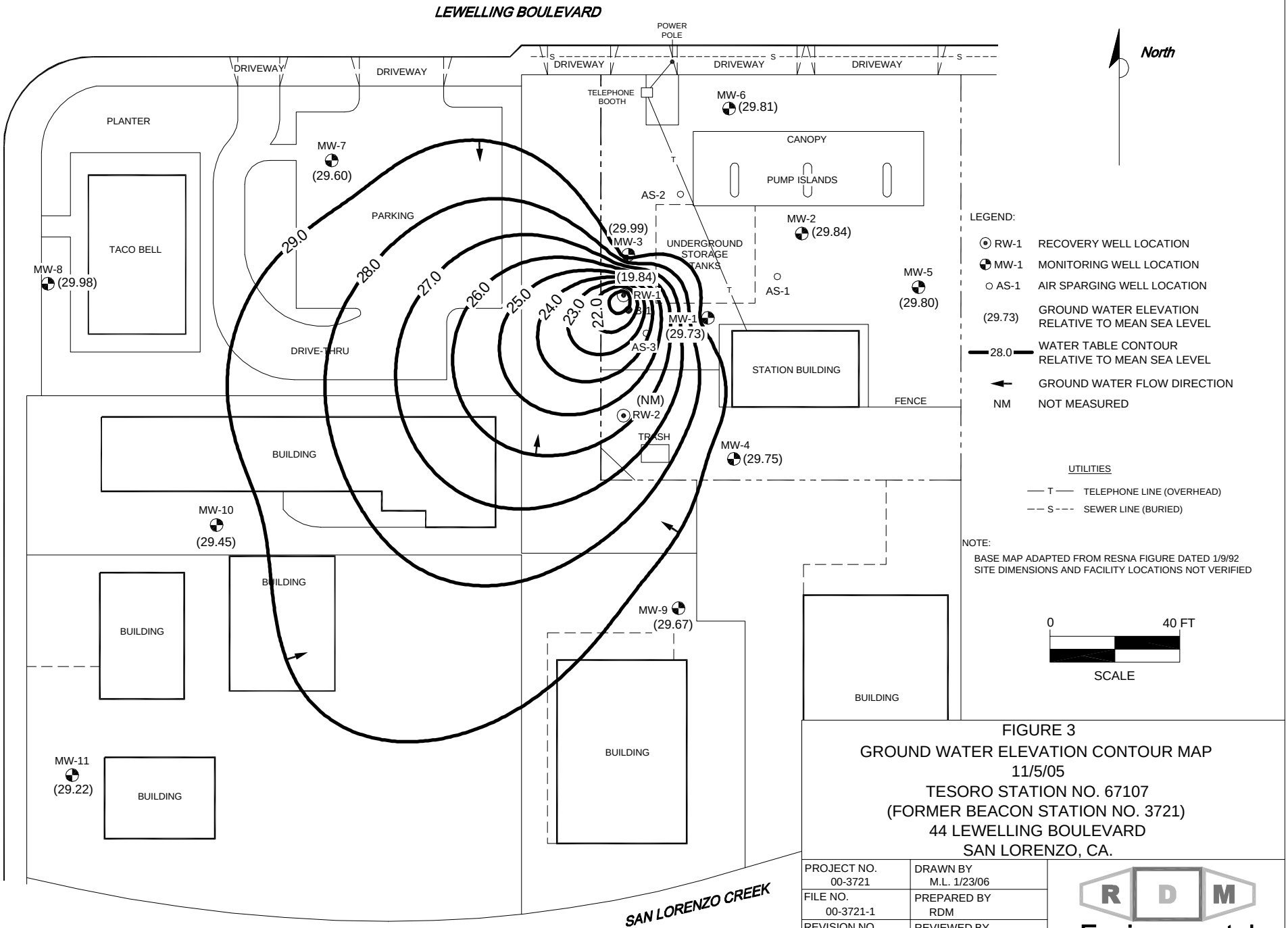


FIGURE 3
GROUND WATER ELEVATION CONTOUR MAP
11/5/05
TESORO STATION NO. 67107
(FORMER BEACON STATION NO. 3721)
44 LEWELLING BOULEVARD
SAN LORENZO, CA.

PROJECT NO. 00-3721	DRAWN BY M.L. 1/23/06
FILE NO. 00-3721-1	PREPARED BY RDM
REVISION NO. 1	REVIEWED BY

RDM Environmental

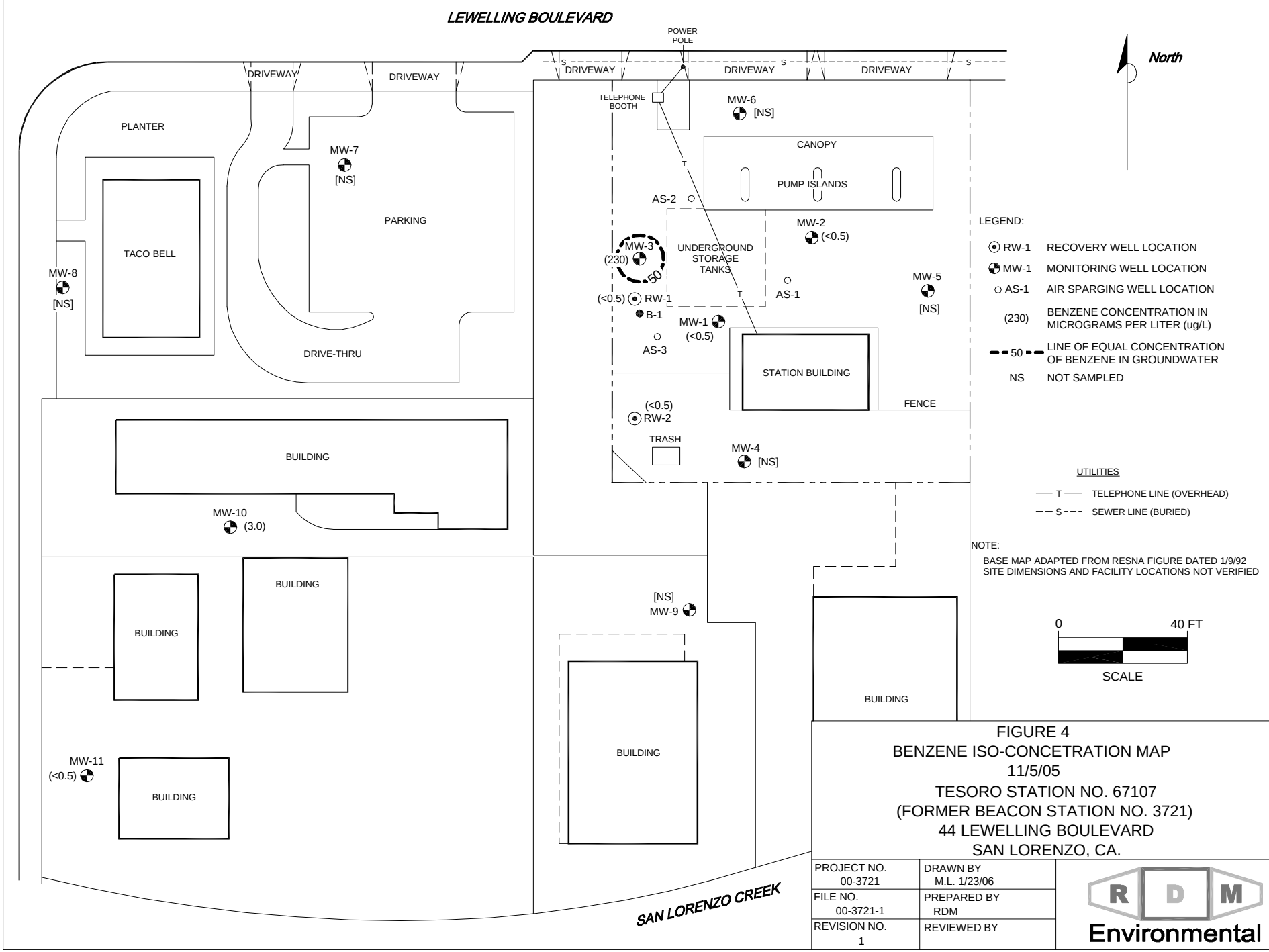


FIGURE 4
BENZENE ISO-CONCETRATION MAP
11/5/05
TESORO STATION NO. 67107
(FORMER BEACON STATION NO. 3721)
44 LEWELLING BOULEVARD
SAN LORENZO, CA.

PROJECT NO. 00-3721	DRAWN BY M.L. 1/23/06
FILE NO. 00-3721-1	PREPARED BY RDM
REVISION NO. 1	REVIEWED BY

RDM Environmental

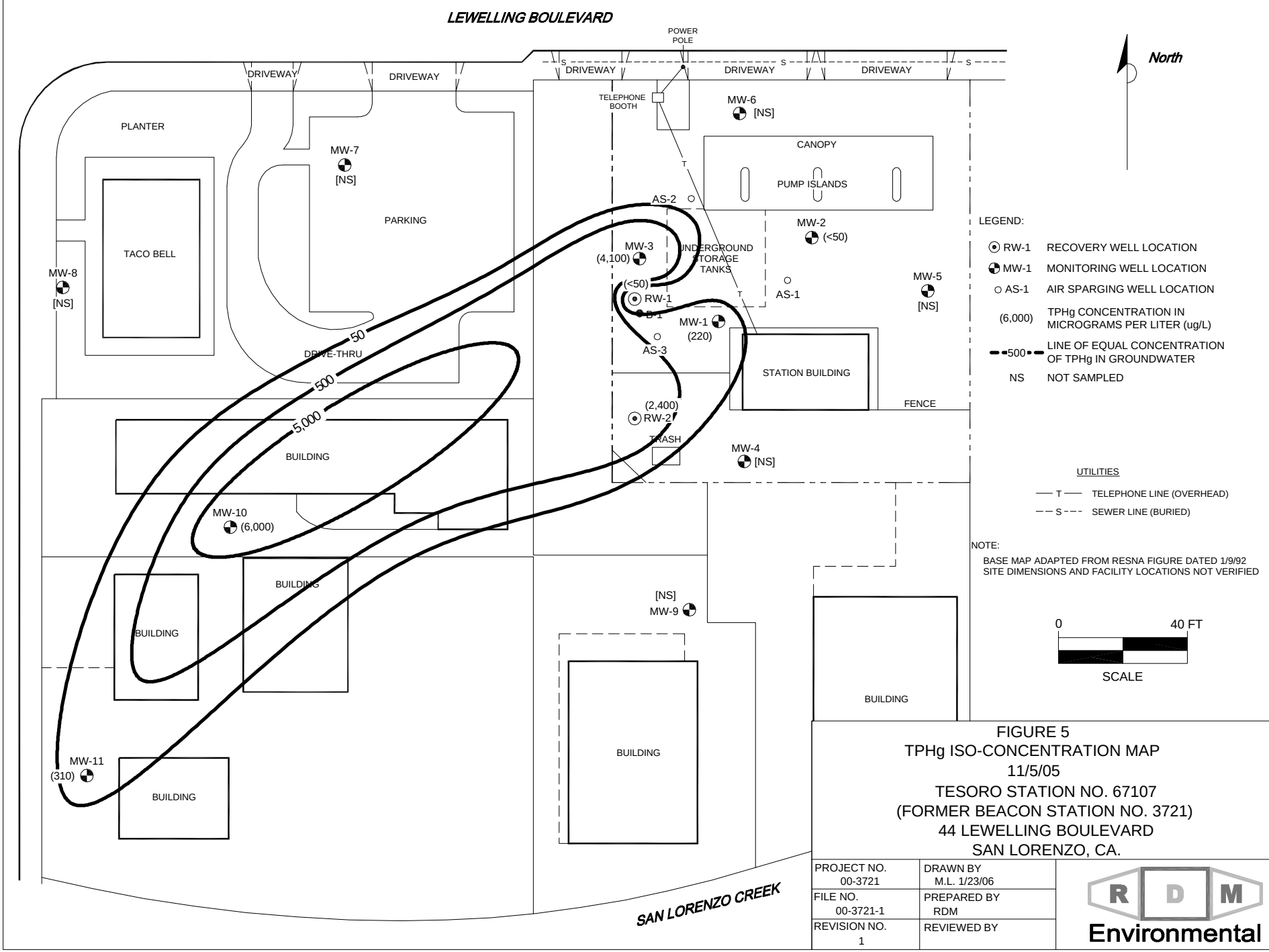


FIGURE 5
TPHg ISO-CONCENTRATION MAP
11/5/05
TESORO STATION NO. 67107
(FORMER BEACON STATION NO. 3721)
44 LEWELLING BOULEVARD
SAN LORENZO, CA.

PROJECT NO. 00-3721	DRAWN BY M.L. 1/23/06
FILE NO. 00-3721-1	PREPARED BY RDM
REVISION NO. 1	REVIEWED BY

R D M Environmental

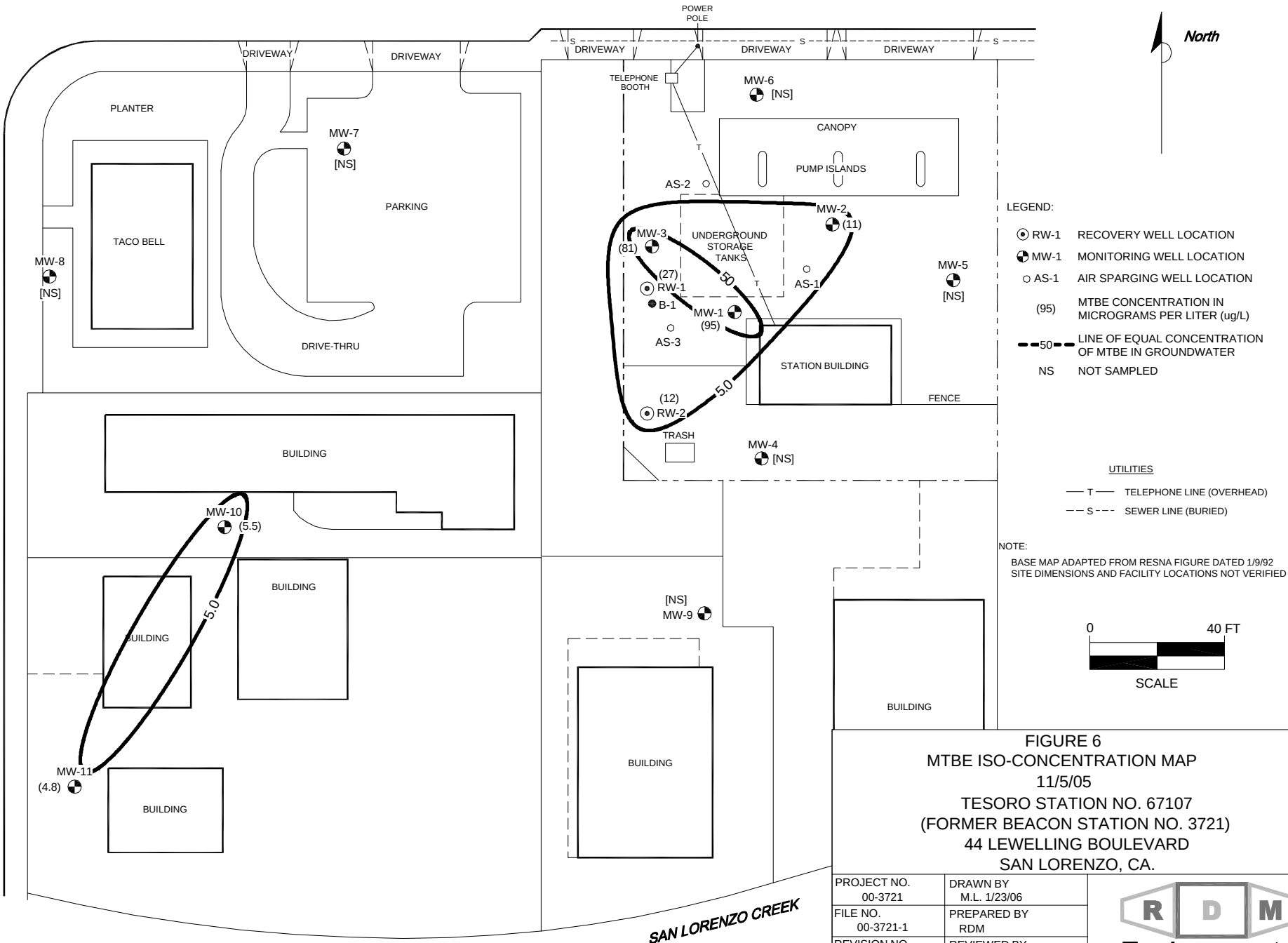


FIGURE 6
MTBE ISO-CONCENTRATION MAP
11/5/05
TESORO STATION NO. 67107
(FORMER BEACON STATION NO. 3721)
44 LEWELLING BOULEVARD
SAN LORENZO, CA.

PROJECT NO. 00-3721	DRAWN BY M.L. 1/23/06
FILE NO. 00-3721-1	PREPARED BY RDM
REVISION NO. 1	REVIEWED BY

R D M Environmental

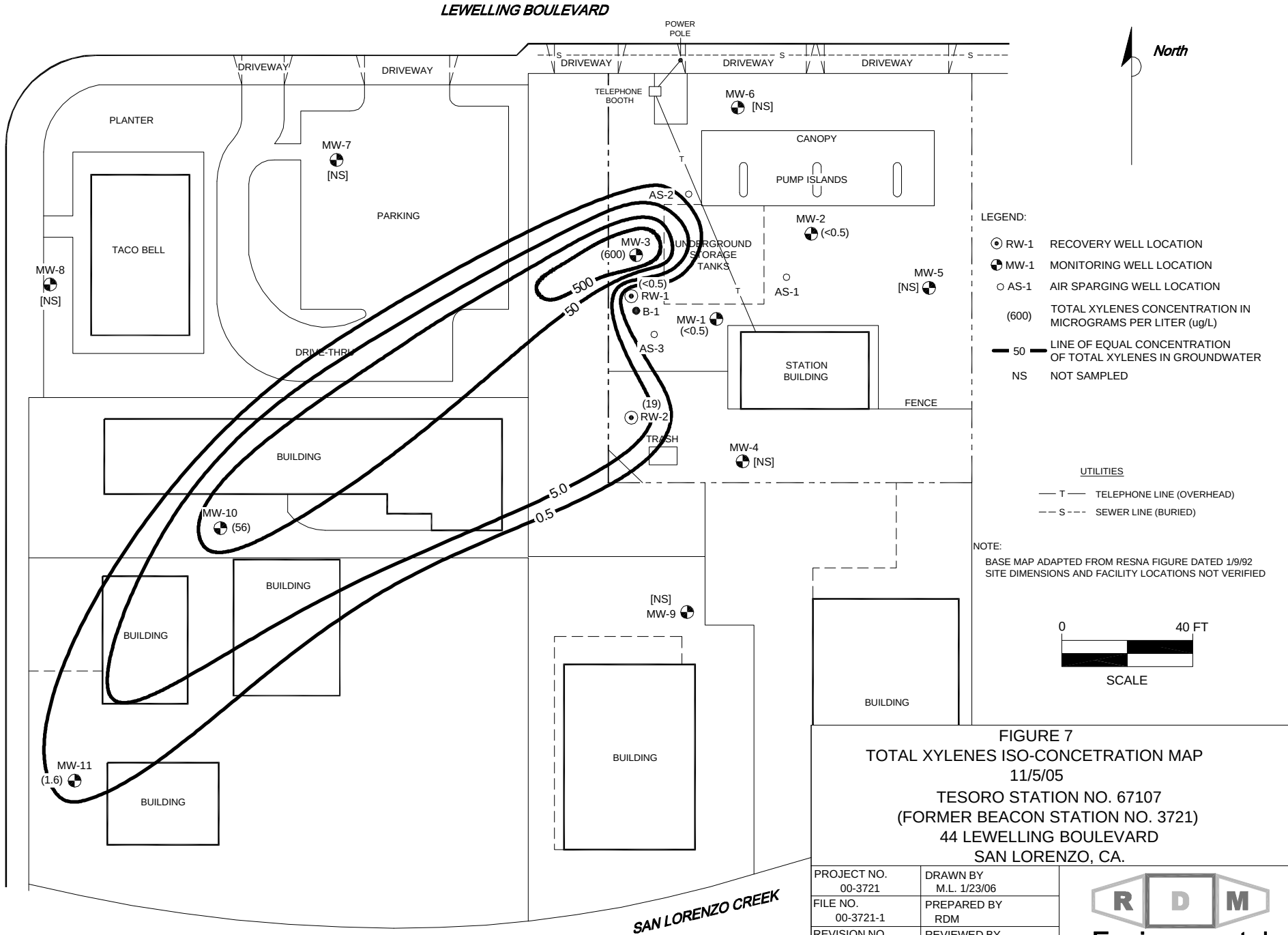
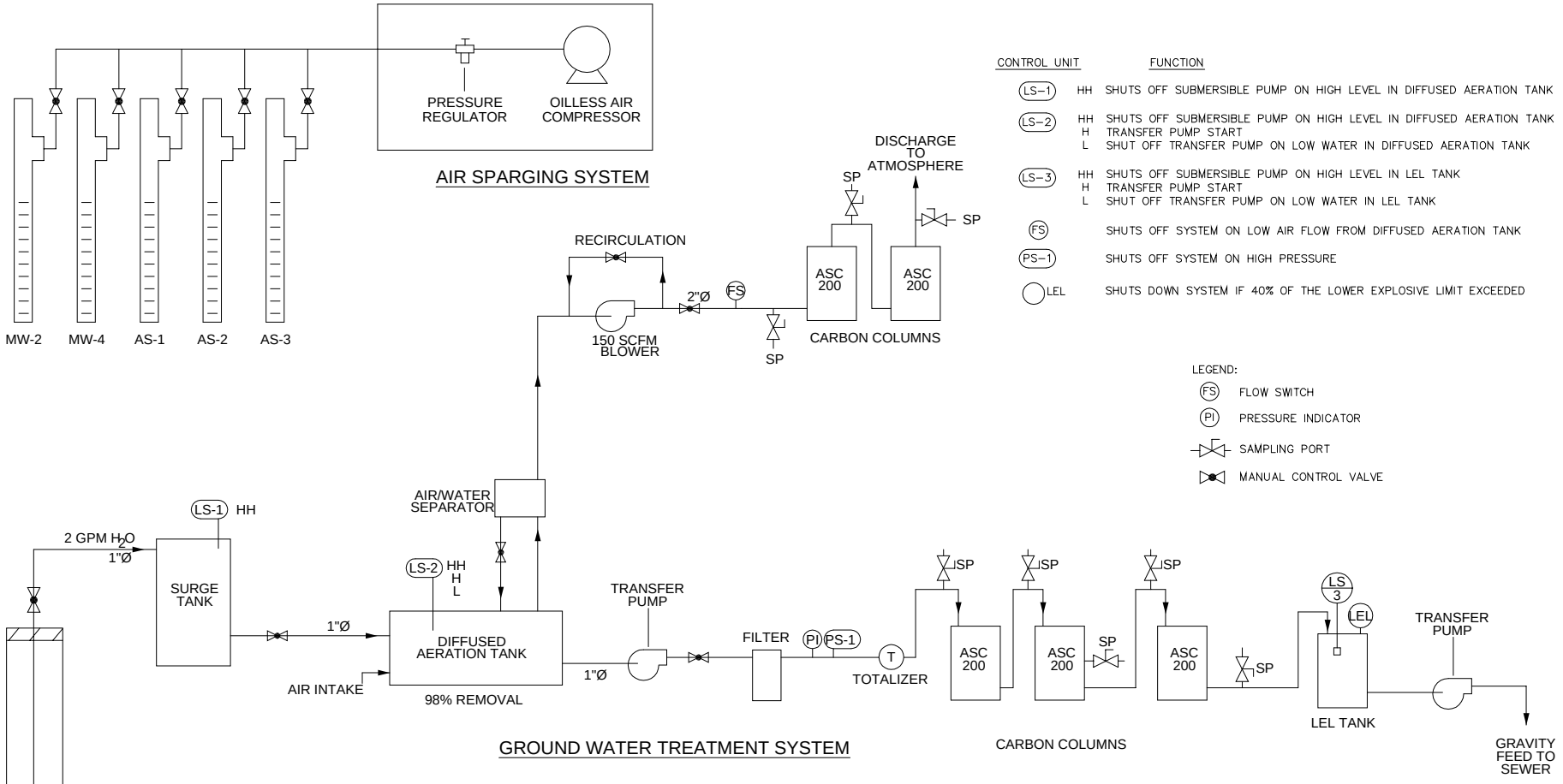


FIGURE 7
TOTAL XYLENES ISO-CONCETRATION MAP
11/5/05
TESORO STATION NO. 67107
(FORMER BEACON STATION NO. 3721)
44 LEWELLING BOULEVARD
SAN LORENZO, CA.

PROJECT NO. 00-3721	DRAWN BY M.L. 1/23/06
FILE NO. 00-3721-1	PREPARED BY RDM
REVISION NO. 1	REVIEWED BY

RDM Environmental



NOTE: NOT TO SCALE

SOURCE: FIGURE MODIFIED FROM DRAWING PROVIDED BY ULTRAMAR.

FIGURE 8

PROCESS FLOW DIAGRAM

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

PROJECT NO. 00-3721	DRAWN BY M.L. 6/1/01
FILE NO. 00-3721-8	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: 11/5/2005

Technicians : SG/DH

Project Number: 02-67107

Well Number	Sample Order	Time	Depth to Water	Total Depth	Depth to Product	Product Thickness	Comments
MW-1	4	0805	16.25	33.64			2" -8.35
MW-2	2	0758	15.39	34.35			2" -9.10
MW-3R	7	0812	15.22	30.00			6" -65.18
MW-4		0825	17.23	24.45			lid swapped w/ MW-5
MW-5		0823	16.32	19.30			well box cover broken in several places, near collapse
MW-6		0821	14.98	28.43			
MW-7		0817	14.25	24.17			
MW-8		0819	14.87	22.99			
MW-9		0815	17.59	23.57			
MW-10	6	0810	15.20	29.40			2" -6.82
MW-11	1	0755	18.14	29.34			2" -5.38
RW-1	3	0801	25.63	34.10			6" -37.36
RW-2	5	0807	16.36	30.00			6" -60.15

Client:	Tesoro	Sample Data:	11/5/2005
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:	0805 hours
Standing water	Yes (No)	above or below casing	
Top of well level	(Yes) No	Remark:	
Well cap & locked	(Yes) No	Remark:	
Height of Riser	5"		
Well Box	8" (12") 24"	Type of well box	Not marked

Purging/Sampling Equipment

Purging -

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

Sampling -

Disposable Bailer	X	Teflon Bailer		Disposable Tubing	

Well Purging

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

Initial Measurement		Recharge Measurement		Calculated Purge	~~28.35~~
Time:	0805	Time:		Actual Purge	8.5
Depth of Well	33.64	Depth to Water			
Depth to Water	16.25				

Sample

Start Purge 0935 Sample Time 0946

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
0938	72.6	650	6.76					1
0941	72.7	670	6.81					2
0943	72.8	675	6.80					3

Sample Appearance CLEAR Lock OK

Equipment Replacement

Lock	OK	Well Cap	OK	Bolts	OK	Box	OK

Remarks:

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client:	Tesoro	Sample Data:	11/5/2005
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:	0758 hours
Standing water	Yes (No)	above or below casing	
Top of well level	(Yes) No	Remark:	
Well cap & locked	(Yes) No	Remark:	
Height of Riser	5"		
Well Box	8" 12" (24")	Type of well box	Not marked

Purging/Sampling Equipment

Purging -

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

Sampling -

Disposable Bailer	X	Teflon Bailer		Disposable Tubing	

Well Purging

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

Initial Measurement		Recharge Measurement		Calculated Purge	9.10
Time:	0758	Time:		Actual Purge	9.25
Depth of Well	34.35	Depth to Water			
Depth to Water	15.39				

Sample

Start Purge	0910	Sample Time	0919

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
0912	72.4	565	6.75					1
0914	72.5	590	6.74					2
0916	72.6	605	6.76					3

Sample Appearance	CLEAR	Lock	04

Equipment Replacement

Lock	04	Well Cap	04	Bolts	04	Box	04

Remarks:

RDM ENVIRONMENTAL SAMPLE INFORMATION SHEET

Client:	Tesoro	Sample Data:	11/5/2005
Site:	Tesor Station 67107	Project Number:	02-67107
	44 Lewelling Blvd, San Lorenzo, CA	**Well Designation:**	MW-3R
Signature:			

Well Box Condition/Traffic

Traffic Control	(Yes) No	Time:	0812 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	1"		
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	X

Sampling -

Disposable Bailer	X	Teflon Bailer		Disposable Tubing	

Well Purging

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

Initial Measurement		Recharge Measurement		Calculated Purge	65.18
Time:	0812	Time:		Actual Purge	66.0
Depth of Well	30.00	Depth to Water			
Depth to Water	15.22				

Sample

Start Purge 1110 Sample Time 1152

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
1115	74.4	897	6.81					1
1125	73.3	881	6.74					2
1146	74.9	861	6.83					3

Sample Appearance clear Lock -1

Equipment Replacement

Lock	-1	Well Cap	ok	Bolts	ok	Box	ok

Remarks:

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client:	Tesoro	Sample Data:	11/5/2005
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:	0810 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 Kilmay

Purging/Sampling Equipment

Purging -

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

Sampling -

Disposable Bailer	X	Teflon Bailer		Disposable Tubing	

Well Purging

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

Initial Measurement		Recharge Measurement		Calculated Purge	6.82
Time:	0810	Time:		Actual Purge	8.0
Depth of Well	29.40	Depth to Water			
Depth to Water	15.20				

Sample

Start Purge: 1047 Sample Time: 1054

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
1049	70.0	775	6.80					1
1050	69.9	767	6.78					2
1051	69.8	786	6.77					3

Sample Appearance: Lock: ON

Equipment Replacement

Lock	ON	Well Cap	ON	Bolts	-3	Box	ON

Remarks:

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client:	Tesoro	Sample Data:	11/5/2005
Site:	Tesor Station 67107	Project Number:	02-67107
	44 Lewelling Blvd, San Lorenzo, CA	**Well Designation:**	MW-11
Signature:			

Well Box Condition/Traffic

Traffic Control	(Yes) No	Time:	0755 hours
Standing water	Yes (No)	above or below casing	
Top of well level	(Yes) No	Remark:	
Well cap & locked	(Yes) No	Remark:	
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	X

Sampling -

Disposable Bailer	X	Teflon Bailer		Disposable Tubing	

Well Purging

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

Initial Measurement		Recharge Measurement		Calculated Purge	5.38
Time:	0755	Time:		Actual Purge	7.5
Depth of Well	29.34	Depth to Water			
Depth to Water	18.14				

Sample

Start Purge: 0849 Sample Time: 0854

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
0849	66.4	766	6.65					1
0850	66.8	770	6.65					2
0851	67.1	775	6.63					3

Sample Appearance: CLEAR Lock: 04

Equipment Replacement

Lock	04	Well Cap	04	Bolts	-3	Box	I bolt showed in threads.

Remarks:

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client:	Tesoro	Sample Data:	11/5/2005
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:	0801 hours
Standing water	Yes (No)	above or below casing	
Top of well level	(Yes) No	Remark:	
Well cap & locked	Yes (No)	Remark:	Recovery Well
Height of Riser	6"		
Well Box 8" 12" (24")		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 - FROM SAMPLE PORT

Disposable Bailer		Teflon Bailer		Disposable Tubing	

Well Purging

ACTIVE RECOVERY WELL

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

Initial Measurement		Recharge Measurement		Calculated Purge	37.36
Time:	0801	Time:		Actual Purge	N/A
Depth of Well	34.10	Depth to Water			
Depth to Water	25.63				

Sample

Start Purge	N/A	Sample Time	0925

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
			N/A					

Sample Appearance	CLEAR	Lock	N/A

Equipment Replacement

Lock	N/A	Well Cap	OK	Bolts	-1	Box	OK

Remarks:

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client:	Tesoro	Sample Data:	11/5/2005
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:	0807 hours
Standing water	Yes (No)	above or below casing	
Top of well level	Yes (No)	Remark:	
Well cap & locked	Yes (No)	Remark:	CAP, NO LOCK
Height of Riser	1"		
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	X

Sampling -

Disposable Bailer	X	Teflon Bailer		Disposable Tubing	

Well Purging

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

Initial Measurement		Recharge Measurement		Calculated Purge	60.15
Time:	0807	Time:		Actual Purge	61.0
Depth of Well	30.00	Depth to Water			
Depth to Water	16.36				

Sample

Start Purge: 1001 Sample Time: 1030

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
1008	69.8	762	6.90					1
1017	71.3	753	6.89					2
1026	70.8	744	6.87					3

Sample Appearance: CLOUDY Lock: -1

Equipment Replacement

Lock	-1	Well Cap	OK	Bolts	OK	Box	OK

Remarks:

Appendix B

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

KIFF Analytical LLC

Report Number : 46882
Date : 11/14/2005

Richard Munsch
RDM Environmental
6280 Brookshire Drive
Rocklin, CA 95677

Subject : 7 Water Samples
Project Name : Tesoro St 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 : 46882

Date : 11/14/2005

Project Name : **Tesoro St 67107**

Project Number : **67107**

Sample : **MW-1** Matrix : Water Lab Number : 46882-01

Sample Date :11/5/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	11/11/2005
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	11/11/2005
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	11/11/2005
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	11/11/2005
Methyl-t-butyl ether (MTBE)	**95**	0.50	ug/L	EPA 8260B	11/11/2005
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	11/11/2005
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	11/11/2005
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	11/11/2005
Tert-Butanol	**24**	5.0	ug/L	EPA 8260B	11/11/2005
TPH as Gasoline	**220**	50	ug/L	EPA 8260B	11/11/2005
Toluene - d8 (Surr)	98.6		% Recovery	EPA 8260B	11/11/2005
4-Bromofluorobenzene (Surr)	110		% Recovery	EPA 8260B	11/11/2005

Approved By: Joel Kiff

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

KIFF Analytical LLC

Report Number : 46882
Date : 11/14/2005

Project Name : **Tesoro St 67107**
Project Number : **67107**

Sample : **MW-2** Matrix : Water Lab Number : 46882-02
Sample Date :11/5/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	11/11/2005
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	11/11/2005
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	11/11/2005
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	11/11/2005
Methyl-t-butyl ether (MTBE)	**11**	0.50	ug/L	EPA 8260B	11/11/2005
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	11/11/2005
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	11/11/2005
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	11/11/2005
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	11/11/2005
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	11/11/2005
Toluene - d8 (Surr)	104		% Recovery	EPA 8260B	11/11/2005
4-Bromofluorobenzene (Surr)	103		% Recovery	EPA 8260B	11/11/2005

Approved By: Joel Kiff

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

KIFF Analytical LLC

Report Number : 46882
Date : 11/14/2005

Project Name : **Tesoro St 67107**
Project Number : **67107**

Sample : **MW-3R** Matrix : Water Lab Number : 46882-03
Sample Date :11/5/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**230**	1.5	ug/L	EPA 8260B	11/12/2005
Toluene	**10**	1.5	ug/L	EPA 8260B	11/12/2005
Ethylbenzene	**250**	1.5	ug/L	EPA 8260B	11/12/2005
Total Xylenes	**600**	1.5	ug/L	EPA 8260B	11/12/2005
Methyl-t-butyl ether (MTBE)	**81**	1.5	ug/L	EPA 8260B	11/12/2005
Diisopropyl ether (DIPE)	**< 1.5**	1.5	ug/L	EPA 8260B	11/12/2005
Ethyl-t-butyl ether (ETBE)	**< 1.5**	1.5	ug/L	EPA 8260B	11/12/2005
Tert-amyl methyl ether (TAME)	**< 1.5**	1.5	ug/L	EPA 8260B	11/12/2005
Tert-Butanol	**200**	7.0	ug/L	EPA 8260B	11/12/2005
TPH as Gasoline	**4100**	150	ug/L	EPA 8260B	11/12/2005
Toluene - d8 (Surr)	94.7		% Recovery	EPA 8260B	11/12/2005
4-Bromofluorobenzene (Surr)	101		% Recovery	EPA 8260B	11/12/2005

Approved By: Joel Kiff

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

KIFF Analytical LLC

Report Number : 46882
Date : 11/14/2005

Project Name : **Tesoro St 67107**
Project Number : **67107**

Sample : **MW-10** Matrix : Water Lab Number : 46882-04
Sample Date :11/5/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**3.0**	0.90	ug/L	EPA 8260B	11/12/2005
Toluene	**9.7**	0.90	ug/L	EPA 8260B	11/12/2005
Ethylbenzene	**17**	0.90	ug/L	EPA 8260B	11/12/2005
Total Xylenes	**56**	0.90	ug/L	EPA 8260B	11/12/2005
Methyl-t-butyl ether (MTBE)	**5.5**	0.90	ug/L	EPA 8260B	11/12/2005
Diisopropyl ether (DIPE)	**< 0.90**	0.90	ug/L	EPA 8260B	11/12/2005
Ethyl-t-butyl ether (ETBE)	**< 0.90**	0.90	ug/L	EPA 8260B	11/12/2005
Tert-amyl methyl ether (TAME)	**< 0.90**	0.90	ug/L	EPA 8260B	11/12/2005
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	11/12/2005
TPH as Gasoline	**6000**	90	ug/L	EPA 8260B	11/12/2005
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	11/12/2005
4-Bromofluorobenzene (Surr)	105		% Recovery	EPA 8260B	11/12/2005

Approved By: Joel Kiff

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

KIFF Analytical LLC

Report Number : 46882
Date : 11/14/2005

Project Name : **Tesoro St 67107**
Project Number : **67107**

Sample : **MW-11** Matrix : Water Lab Number : 46882-05
Sample Date :11/5/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	11/12/2005
Toluene	**0.71**	0.50	ug/L	EPA 8260B	11/12/2005
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	11/12/2005
Total Xylenes	**1.6**	0.50	ug/L	EPA 8260B	11/12/2005
Methyl-t-butyl ether (MTBE)	**4.8**	0.50	ug/L	EPA 8260B	11/12/2005
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	11/12/2005
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	11/12/2005
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	11/12/2005
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	11/12/2005
TPH as Gasoline	**310**	50	ug/L	EPA 8260B	11/12/2005
Toluene - d8 (Surr)	105		% Recovery	EPA 8260B	11/12/2005
4-Bromofluorobenzene (Surr)	104		% Recovery	EPA 8260B	11/12/2005

Approved By: Joel Kiff

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

KIFF Analytical LLC

Report Number : 46882
Date : 11/14/2005

Project Name : **Tesoro St 67107**
Project Number : **67107**

Sample : **RW-1** Matrix : Water Lab Number : 46882-06
Sample Date :11/5/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	11/12/2005
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	11/12/2005
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	11/12/2005
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	11/12/2005
Methyl-t-butyl ether (MTBE)	**27**	0.50	ug/L	EPA 8260B	11/12/2005
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	11/12/2005
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	11/12/2005
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	11/12/2005
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	11/12/2005
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	11/12/2005
Toluene - d8 (Surr)	104		% Recovery	EPA 8260B	11/12/2005
4-Bromofluorobenzene (Surr)	105		% Recovery	EPA 8260B	11/12/2005

Approved By: Joel Kiff

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

KIFF Analytical LLC

Report Number : 46882
Date : 11/14/2005

Project Name : **Tesoro St 67107**
Project Number : **67107**

Sample : **RW-2** Matrix : Water Lab Number : 46882-07
Sample Date :11/5/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	11/12/2005
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	11/12/2005
Ethylbenzene	**16**	0.50	ug/L	EPA 8260B	11/12/2005
Total Xylenes	**19**	0.50	ug/L	EPA 8260B	11/12/2005
Methyl-t-butyl ether (MTBE)	**12**	0.50	ug/L	EPA 8260B	11/12/2005
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	11/12/2005
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	11/12/2005
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	11/12/2005
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	11/12/2005
TPH as Gasoline	**2400**	50	ug/L	EPA 8260B	11/12/2005
Toluene - d8 (Surr)	106		% Recovery	EPA 8260B	11/12/2005
4-Bromofluorobenzene (Surr)	102		% Recovery	EPA 8260B	11/12/2005

Approved By: Joel Kiff

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

Report Number : 46882

Date : 11/14/2005

QC Report : Method Blank Data

Project Name : **Tesoro St 67107**

Project Number : **67107**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	11/12/2005
Toluene	< 0.50	0.50	ug/L	EPA 8260B	11/12/2005
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	11/12/2005
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	11/12/2005
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	11/12/2005
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	11/12/2005
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	11/12/2005
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	11/12/2005
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	11/12/2005
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	11/12/2005
Toluene - d8 (Surr)	94.0		%	EPA 8260B	11/12/2005
4-Bromofluorobenzene (Surr)	98.9		%	EPA 8260B	11/12/2005
Benzene	< 0.50	0.50	ug/L	EPA 8260B	11/11/2005
Toluene	< 0.50	0.50	ug/L	EPA 8260B	11/11/2005
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	11/11/2005
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	11/11/2005
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	11/11/2005
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	11/11/2005
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	11/11/2005
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	11/11/2005
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	11/11/2005
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	11/11/2005
Toluene - d8 (Surr)	105		%	EPA 8260B	11/11/2005
4-Bromofluorobenzene (Surr)	107		%	EPA 8260B	11/11/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	11/11/2005
Toluene	< 0.50	0.50	ug/L	EPA 8260B	11/11/2005
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	11/11/2005
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	11/11/2005
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	11/11/2005
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	11/11/2005
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	11/11/2005
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	11/11/2005
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	11/11/2005
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	11/11/2005
Toluene - d8 (Surr)	98.7		%	EPA 8260B	11/11/2005
4-Bromofluorobenzene (Surr)	110		%	EPA 8260B	11/11/2005

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

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

Report Number : 46882

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 11/14/2005

Project Name : **Tesoro St 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	46899-01	<0.50	40.0	40.0	36.6	36.3	ug/L	EPA 8260B	11/12/05	91.5	90.8	0.820	70-130	25
Toluene	46899-01	<0.50	40.0	40.0	35.0	34.6	ug/L	EPA 8260B	11/12/05	87.6	86.5	1.25	70-130	25
Tert-Butanol	46899-01	<5.0	200	200	198	206	ug/L	EPA 8260B	11/12/05	99.0	103	3.89	70-130	25
Methyl-t-Butyl Ether	46899-01	<0.50	40.0	40.0	39.4	39.5	ug/L	EPA 8260B	11/12/05	98.6	98.8	0.258	70-130	25
Benzene	46880-03	7.1	40.0	40.0	45.7	44.3	ug/L	EPA 8260B	11/11/05	96.5	93.0	3.66	70-130	25
Toluene	46880-03	1.0	40.0	40.0	41.6	41.0	ug/L	EPA 8260B	11/11/05	101	99.9	1.41	70-130	25
Tert-Butanol	46880-03	13	200	200	203	208	ug/L	EPA 8260B	11/11/05	95.0	97.4	2.44	70-130	25
Methyl-t-Butyl Ether	46880-03	3.6	40.0	40.0	35.0	35.4	ug/L	EPA 8260B	11/11/05	78.7	79.6	1.21	70-130	25
Benzene	46882-01	<0.50	40.0	40.0	40.2	38.7	ug/L	EPA 8260B	11/11/05	101	96.8	3.82	70-130	25
Toluene	46882-01	<0.50	40.0	40.0	39.7	38.1	ug/L	EPA 8260B	11/11/05	99.2	95.3	4.07	70-130	25
Tert-Butanol	46882-01	24	200	200	242	242	ug/L	EPA 8260B	11/11/05	109	109	0.209	70-130	25
Methyl-t-Butyl Ether	46882-01	95	40.0	40.0	135	135	ug/L	EPA 8260B	11/11/05	101	99.8	1.08	70-130	25

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

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

Report Number : 46882

QC Report : Laboratory Control Sample (LCS)

Date : 11/14/2005

Project Name : **Tesoro St 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	11/12/05	89.7	70-130
Toluene	40.0	ug/L	EPA 8260B	11/12/05	89.4	70-130
Tert-Butanol	200	ug/L	EPA 8260B	11/12/05	95.4	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	11/12/05	105	70-130
Benzene	40.0	ug/L	EPA 8260B	11/11/05	99.2	70-130
Toluene	40.0	ug/L	EPA 8260B	11/11/05	104	70-130
Tert-Butanol	200	ug/L	EPA 8260B	11/11/05	95.4	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	11/11/05	82.5	70-130
Benzene	40.0	ug/L	EPA 8260B	11/11/05	98.5	70-130
Toluene	40.0	ug/L	EPA 8260B	11/11/05	101	70-130
Tert-Butanol	200	ug/L	EPA 8260B	11/11/05	108	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	11/11/05	104	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 : 46882
Date : 11/14/2005

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

Project Name :Tesoro St 67107
Project Number : 67107

			Sample Name	MW-1	MW-2		MW-3R		MW-10		MW-11		RW-1		RW-2	
			Sample Date	11/5/2005	11/5/2005		11/5/2005		11/5/2005		11/5/2005		11/5/2005		11/5/2005	
Analyte	Method	Units		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	**230**	0.90	**3.0**	0.50	ND	0.50	ND	0.50	ND
Toluene	EPA 8260B	ug/L		0.50	ND	0.50	ND	1.5	**10**	0.90	**9.7**	0.50	**0.71**	0.50	ND	0.50	ND
Ethylbenzene	EPA 8260B	ug/L		0.50	ND	0.50	ND	1.5	**250**	0.90	**17**	0.50	ND	0.50	ND	0.50	**16**
Total Xylenes	EPA 8260B	ug/L		0.50	ND	0.50	ND	1.5	**600**	0.90	**56**	0.50	**1.6**	0.50	ND	0.50	**19**
Methyl-t-butyl ether (MTBE)	EPA 8260B	ug/L		0.50	**95**	0.50	**11**	1.5	**81**	0.90	**5.5**	0.50	**4.8**	0.50	**27**	0.50	**12**
Diisopropyl ether (DIPE)	EPA 8260B	ug/L		0.50	ND	0.50	ND	1.5	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	0.90	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	0.90	ND	0.50	ND	0.50	ND	0.50	ND
Tert-Butanol	EPA 8260B	ug/L		5.0	**24**	5.0	ND	7.0	**200**	5.0	ND	5.0	ND	5.0	ND	5.0	ND
TPH as Gasoline	EPA 8260B	ug/L		50	**220**	50	ND	150	**4100**	90	**6000**	50	**310**	50	ND	50	**2400**
Toluene - d8 (Surr)	EPA 8260B	%			98.6		104		94.7		102		105		104		106
4-Bromofluorobenzene (Surr)	EPA 8260B	%			110		103		101		105		104		105		102

MRL = Method Reporting Limit
ND = Not Detected

Approved By,

Joel Kiff

KIFF Analytical LLC

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

SRG # / Lab No. 46882

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: 6280 Brookshire Dr Rocklin CA 95677	Sampling Company Log Code:
Phone #: 916 415 1134 / Fax #: 916 415 1154	Global ID: T0600101411
Project #: 67107 / P.O. #: —	EDF Deliverable To (Email Address):
Project Name: Tesoro St 67107	Sampler Signature:
Project Address: 44 Lewelling Blvd San Lorenzo, CA	

Sample Designation	Sampling: Date	Sampling: Time	Container: 40 ml VOA	Container: Sleeve	Container: Poly	Container: Glass	Container: Tedlar	Preservative: HCl	Preservative: HNO_3	Preservative: None	Matrix: Water	Matrix: Soil	Matrix: Air	Analysis Request: MTBE (EPA 8260B) per EPA 8021 level @ 5.0 ppb	Analysis Request: MTBE (EPA 8260B) @ 0.5 ppb	Analysis Request: BTEX (EPA 8260B)	Analysis Request: TPH Gas (EPA 8260B)	Analysis Request: 5 Oxygenates (EPA 8260B)	Analysis Request: 7 Oxygenates (EPA 8260B)	Analysis Request: Lead Scav.(1,2 DCA & 1,2 EDB-EPA 8260B)	Analysis Request: Volatile Halocarbons (EPA 8260B)	Analysis Request: Volatile Organics Full List (EPA 8260B)	Analysis Request: Volatile Organics (EPA 524.2 Drinking Water)	Analysis Request: TPH as Diesel (EPA 8015M)	Analysis Request: TPH as Motor Oil (EPA 8015M)	Analysis Request: Total Lead (EPA 6010)	Analysis Request: W.E.T. Lead (STLC)	TAT	For Lab Use Only
MW-1	11/5/05	0946	3					X			X					X	X	X										1 wk	01
MW-2	11/5/05	0919	3					X			X					X	X	X										1 wk	02
MW-3R	11/5/05	1152	3					X			X					X	X	X										1 wk	03
MW-10	11/5/05	1054	3					X			X					X	X	X										1 wk	04
MW-11	11/5/05	0854	3					X			X					X	X	X										1 wk	05
RW-1	11/5/05	0925	3					X			X					X	X	X										1 wk	06
RW-2	11/5/05	1030	3					X			X					X	X	X										1 wk	07

Relinquished by:	Date	Time	Received by:
DOUGLAS HOFF	111005	1348	
	111005	1348	Received by Laboratory: Kiff Analytical

Remarks: STAT

email copy to RDM

Bill to: Tesoro Petroleum / Rob Donovan

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time	Therm. ID #	Coolant Present
1.0°C	BHB	111005	1625	IR-4	(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 : 46621
Date : 11/1/2005

Richard Munsch
RDM Environmental
6280 Brookshire Drive
Rocklin, CA 95677

Subject : 5 Water Samples
Project Name : Tesoro Station 67107
Project Number : 67107
P.O. 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 : 46621

Date : 11/1/2005

Project Name : **Tesoro Station 67107**

Project Number : **67107**

Sample : **GW-Inf** Matrix : Water Lab Number : 46621-01

Sample Date :10/26/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	10/28/2005
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	10/28/2005
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	10/28/2005
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	10/28/2005
Methyl-t-butyl ether (MTBE)	**19**	0.50	ug/L	EPA 8260B	10/28/2005
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	10/28/2005
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	10/28/2005
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	10/28/2005
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	10/28/2005
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	10/28/2005
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	10/28/2005
4-Bromofluorobenzene (Surr)	104		% Recovery	EPA 8260B	10/28/2005

Approved By: Joel Kiff

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

KIFF Analytical LLC

Report Number : 46621
Date : 11/1/2005

Project Name : **Tesoro Station 67107**
Project Number : **67107**

Sample : **GW-DAT-Eff** Matrix : Water Lab Number : 46621-02
Sample Date :10/26/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	10/28/2005
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	10/28/2005
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	10/28/2005
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	10/28/2005
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	10/28/2005
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	10/28/2005
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	10/28/2005
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	10/28/2005
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	10/28/2005
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	10/28/2005
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	10/28/2005
4-Bromofluorobenzene (Surr)	104		% Recovery	EPA 8260B	10/28/2005

Approved By: Joel Kiff

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

KIFF Analytical LLC

Report Number : 46621

Date : 11/1/2005

Project Name : **Tesoro Station 67107**

Project Number : **67107**

Sample : **GW-MID1** Matrix : Water Lab Number : 46621-03

Sample Date :10/26/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	10/28/2005
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	10/28/2005
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	10/28/2005
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	10/28/2005
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	10/28/2005
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	10/28/2005
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	10/28/2005
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	10/28/2005
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	10/28/2005
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	10/28/2005
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	10/28/2005
4-Bromofluorobenzene (Surr)	104		% Recovery	EPA 8260B	10/28/2005

Approved By: Joel Kiff

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

KIFF Analytical LLC

Report Number : 46621
Date : 11/1/2005

Project Name : **Tesoro Station 67107**
Project Number : **67107**

Sample : **GW-MID2** Matrix : Water Lab Number : 46621-04
Sample Date :10/26/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	10/28/2005
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	10/28/2005
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	10/28/2005
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	10/28/2005
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	10/28/2005
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	10/28/2005
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	10/28/2005
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	10/28/2005
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	10/28/2005
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	10/28/2005
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	10/28/2005
4-Bromofluorobenzene (Surr)	104		% Recovery	EPA 8260B	10/28/2005

Approved By: Joel Kiff

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

KIFF Analytical LLC

Report Number : 46621
Date : 11/1/2005

Project Name : **Tesoro Station 67107**
Project Number : **67107**

Sample : **GW-Eff** Matrix : Water Lab Number : 46621-05
Sample Date :10/26/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	10/28/2005
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	10/28/2005
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	10/28/2005
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	10/28/2005
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	10/28/2005
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	10/28/2005
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	10/28/2005
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	10/28/2005
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	10/28/2005
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	10/28/2005
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	10/28/2005
4-Bromofluorobenzene (Surr)	104		% Recovery	EPA 8260B	10/28/2005

Approved By: Joel Kiff

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

Report Number : 46621

Date : 11/1/2005

QC Report : Method Blank Data

Project Name : **Tesoro Station 67107**

Project Number : **67107**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	10/27/2005
Toluene	< 0.50	0.50	ug/L	EPA 8260B	10/27/2005
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	10/27/2005
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	10/27/2005
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	10/27/2005
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	10/27/2005
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	10/27/2005
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	10/27/2005
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	10/27/2005
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	10/27/2005
Toluene - d8 (Surr)	99.8		%	EPA 8260B	10/27/2005
4-Bromofluorobenzene (Surr)	104		%	EPA 8260B	10/27/2005

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 : 46621

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 11/1/2005

Project Name : **Tesoro Station 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	46624-01	<0.50	40.0	40.0	40.3	38.8	ug/L	EPA 8260B	10/27/05	101	97.0	3.76	70-130	25
Toluene	46624-01	<0.50	40.0	40.0	40.4	39.2	ug/L	EPA 8260B	10/27/05	101	97.9	3.03	70-130	25
Tert-Butanol	46624-01	<5.0	200	200	213	212	ug/L	EPA 8260B	10/27/05	106	106	0.182	70-130	25
Methyl-t-Butyl Ether	46624-01	<0.50	40.0	40.0	38.0	37.4	ug/L	EPA 8260B	10/27/05	95.0	93.6	1.50	70-130	25

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

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

Report Number : 46621

QC Report : Laboratory Control Sample (LCS)

Date : 11/1/2005

Project Name : **Tesoro Station 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	10/27/05	91.3	70-130
Toluene	40.0	ug/L	EPA 8260B	10/27/05	96.3	70-130
Tert-Butanol	200	ug/L	EPA 8260B	10/27/05	98.3	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	10/27/05	95.1	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 : 46621

Date : 11/1/2005

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

Project Name :Tesoro Station 67107
Project Number : 67107

			Sample Name	GW-Inf	GW-DAT-Eff		GW-MID1		GW-MID2		GW-Eff	
			Sample Date	10/26/2005	10/26/2005		10/26/2005		10/26/2005		10/26/2005	
Analyte	Method	Units		MRL	Results	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	0.50	ND
Toluene	EPA 8260B	ug/L		0.50	ND	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	0.50	ND
Total Xylenes	EPA 8260B	ug/L		0.50	ND	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	ND	0.50	ND	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	0.50	ND
Ethyl-t-butyl ether (ETBE)	EPA 8260B	ug/L		0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Tert-amyl methyl ether (TAME)	EPA 8260B	ug/L		0.50	ND	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	5.0	ND
TPH as Gasoline	EPA 8260B	ug/L		50	ND	50	ND	50	ND	50	ND	50	ND
Toluene - d8 (Surr)	EPA 8260B	%			101		101		101		101		101
4-Bromofluorobenzene (Surr)	EPA 8260B	%			104		104		104		104		104

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.

November 02, 2005

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

Subject: **Calscience Work Order No.: 05-10-1655**
Client Reference: Tesoro Station 67107

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 10/28/2005 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,

Amanda Porter for

Calscience Environmental
Laboratories, Inc.
Stephen Nowak
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 10/28/05
Work Order No: 05-10-1655

Project: Tesoro Station 67107

Client Sample Number	Lab Sample Number	Date Collected	Matrix
GW-Eff	**05-10-1655-1**	**10/26/05**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Solids, Total Suspended	ND	1.0	1		mg/L	N/A	10/28/05	EPA 160.2
Chemical Oxygen Demand	ND	5.0	1		mg/L	10/28/05	10/28/05	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	10/28/05	EPA 160.2
Chemical Oxygen Demand	ND	5.0	1		mg/L	10/28/05	10/28/05	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: 05-10-1655

Project: Tesoro Station 67107

Matrix: Aqueous

Parameter	Method	QC Sample ID	Date Analyzed	Sample Conc	DUP Conc	RPD	RPD CL	Qualifiers
Chemical Oxygen Demand	EPA 410.4	05-10-1745-2	10/28/05	3000	3000	1	0-25	
Solids, Total Suspended	EPA 160.2	05-10-1609-1	10/28/05	23	23	0	0-25	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 05-10-1655

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. T655

Page 1 of 1

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF to): Scott Forbes

Company/Address: Kiff Analytical, LLC

Phone No.: | FAX No.:

Project Number: 67107 | P.O. No.: 46621

Project Name: Tesoro Station 67107

Project Address:

Geotracker COELT EDD REPORT? __ YES _X_ NO

Sampling Company Log Code:

Global ID:

EDF Deliverable to (Email Address):

E-mail address: inbox@kiffanalytical.com

Analysis Request

Date Due: November 3, 2005

For Lab Use Only

Sample Designation	Sampling Date	Sampling Time	Container: Glass	Poly	Amber	VOA	Tedlar	Preservative: H_2SO_4	HNO_3	ICE	NONE	$Na_2S_2O_3$	Matrix: WATER	SOIL	AIR	TSS	C.O.D.								
GW-Eff	10/26/05	3:52	1	1				X		X	X		X			X	X								X

Relinquished by:	Date	Time	Received by:
Kiff Analytical	10/27/05	1825	
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date 10/27/05	Time 0830	Received by Laboratory: CEL

Remarks:

Bill to: Accounts Payable

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 05 - 10 - 1655

Cooler 1 **of** 1

SAMPLE RECEIPT FORM

CLIENT: Kiff **DATE:** 10/28/05

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: 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	✓		
Sample container label(s) consistent with custody papers	✓		
Sample container(s) intact and good condition	✓		
Correct containers 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:

KIFF Analytical LLC

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

SRG # / Lab No. 46621

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): Richard Munsel	California EDF Report? ☐ Yes ☐ No
Company / Address: RRM Environmental	Sampling Company Log Code:
Phone #: (916) 475-1134 / Fax #: (916) 415-1154	Global ID:
Project #: 67107 / P.O. #: 67107	EDF Deliverable To (Email Address):
Project Name: Tesoro Station 67107	Sampler Signature: [signature]
Project Address: 44 Lewelling Blvd, San Lorenzo CA	

Sample Designation	Date	Time	40 ml VOA	Sleeve	Poly	Glass	Tedlar	HCl	HNO_3	None	H_2SO_4	Water	Soil	Air	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)	TSS	C.O.D	For Lab Use Only
GW-Inf	10/26	4:00	2					X				X					X	X	X												01
GW-DAF-Eff	↓	3:58	2					X				X					X	X	X												02
GW-MID1	↓	3:56	2					X				X					X	X	X												03
GW-MID2	↓	3:54	2					X				X					X	X	X												04
GW-Eff	↓	3:52	2		X	X		X		X	X	X					X	X	X										X	X	05

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

Relinquished by:	Date	Time	Received by:
[signature]			
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by Laboratory:
	102705	1205	Michelle Spencer Kiff Analytical

Remarks: STAT

Bill to: Tesoro Petroleum

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time	Therm. ID #	Coolant Present
-0.6	MAS	102705	1310	IR-1	(Yes) No

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

KIFF Analytical LLC

Report Number : 47099
Date : 12/3/2005

Richard Munsch
RDM Environmental
6280 Brookshire Drive
Rocklin, CA 95677

Subject : 5 Water Samples
Project Name : Tesoro 67107
Project Number : 67107
P.O. 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 : 47099

Date : 12/3/2005

Project Name : **Tesoro 67107**

Project Number : **67107**

Sample : **GW-Inf** Matrix : Water Lab Number : 47099-01

Sample Date :11/27/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**1.3**	0.50	ug/L	EPA 8260B	12/1/2005
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	12/1/2005
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	12/1/2005
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	12/1/2005
Methyl-t-butyl ether (MTBE)	**49**	0.50	ug/L	EPA 8260B	12/1/2005
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	12/1/2005
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	12/1/2005
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	12/1/2005
Tert-Butanol	**8.6**	5.0	ug/L	EPA 8260B	12/1/2005
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	12/1/2005
Toluene - d8 (Surr)	108		% Recovery	EPA 8260B	12/1/2005
4-Bromofluorobenzene (Surr)	92.0		% Recovery	EPA 8260B	12/1/2005

Approved By: Joel Kiff

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

KIFF Analytical LLC

Report Number : 47099

Date : 12/3/2005

Project Name : **Tesoro 67107**

Project Number : **67107**

Sample : **DAT-Eff** Matrix : Water Lab Number : 47099-02

Sample Date :11/27/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	12/1/2005
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	12/1/2005
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	12/1/2005
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	12/1/2005
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	12/1/2005
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	12/1/2005
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	12/1/2005
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	12/1/2005
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	12/1/2005
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	12/1/2005
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	12/1/2005
4-Bromofluorobenzene (Surr)	105		% Recovery	EPA 8260B	12/1/2005

Approved By: Joel Kiff

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

KIFF Analytical LLC

Report Number : 47099

Date : 12/3/2005

Project Name : **Tesoro 67107**

Project Number : **67107**

Sample : **GW-MID1** Matrix : Water Lab Number : 47099-03

Sample Date :11/27/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	11/30/2005
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	11/30/2005
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	11/30/2005
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	11/30/2005
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	11/30/2005
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	11/30/2005
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	11/30/2005
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	11/30/2005
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	11/30/2005
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	11/30/2005
Toluene - d8 (Surr)	97.1		% Recovery	EPA 8260B	11/30/2005
4-Bromofluorobenzene (Surr)	97.0		% Recovery	EPA 8260B	11/30/2005

Approved By: Joel Kiff

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

KIFF Analytical LLC

Report Number : 47099

Date : 12/3/2005

Project Name : **Tesoro 67107**

Project Number : **67107**

Sample : **GW-MID2** Matrix : Water Lab Number : 47099-04

Sample Date :11/27/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	12/1/2005
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	12/1/2005
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	12/1/2005
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	12/1/2005
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	12/1/2005
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	12/1/2005
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	12/1/2005
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	12/1/2005
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	12/1/2005
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	12/1/2005
Toluene - d8 (Surr)	103		% Recovery	EPA 8260B	12/1/2005
4-Bromofluorobenzene (Surr)	103		% Recovery	EPA 8260B	12/1/2005

Approved By: Joel Kiff

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

KIFF Analytical LLC

Report Number : 47099

Date : 12/3/2005

Project Name : **Tesoro 67107**

Project Number : **67107**

Sample : **GW-Eff** Matrix : Water Lab Number : 47099-05

Sample Date :11/27/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	12/1/2005
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	12/1/2005
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	12/1/2005
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	12/1/2005
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	12/1/2005
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	12/1/2005
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	12/1/2005
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	12/1/2005
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	12/1/2005
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	12/1/2005
Toluene - d8 (Surr)	103		% Recovery	EPA 8260B	12/1/2005
4-Bromofluorobenzene (Surr)	104		% Recovery	EPA 8260B	12/1/2005

Approved By: Joel Kiff

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

Report Number : 47099

Date : 12/3/2005

QC Report : Method Blank Data

Project Name : **Tesoro 67107**

Project Number : **67107**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	11/30/2005
Toluene	< 0.50	0.50	ug/L	EPA 8260B	11/30/2005
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	11/30/2005
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	11/30/2005
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	11/30/2005
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	11/30/2005
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	11/30/2005
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	11/30/2005
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	11/30/2005
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	11/30/2005
Toluene - d8 (Surr)	97.1		%	EPA 8260B	11/30/2005
4-Bromofluorobenzene (Surr)	98.3		%	EPA 8260B	11/30/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	12/1/2005
Toluene	< 0.50	0.50	ug/L	EPA 8260B	12/1/2005
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	12/1/2005
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	12/1/2005
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	12/1/2005
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	12/1/2005
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	12/1/2005
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	12/1/2005
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	12/1/2005
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	12/1/2005
Toluene - d8 (Surr)	107		%	EPA 8260B	12/1/2005
4-Bromofluorobenzene (Surr)	93.1		%	EPA 8260B	12/1/2005

Benzene	< 0.50	0.50	ug/L	EPA 8260B	11/30/2005
Toluene	< 0.50	0.50	ug/L	EPA 8260B	11/30/2005
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	11/30/2005
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	11/30/2005
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	11/30/2005
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	11/30/2005
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	11/30/2005
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	11/30/2005
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	11/30/2005
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	11/30/2005
Toluene - d8 (Surr)	103		%	EPA 8260B	11/30/2005
4-Bromofluorobenzene (Surr)	104		%	EPA 8260B	11/30/2005

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

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

Report Number : 47099

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 12/3/2005

Project Name : **Tesoro 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	47087-18	0.71	40.0	40.0	44.6	43.4	ug/L	EPA 8260B	11/30/05	110	107	2.70	70-130	25
Toluene	47087-18	<0.50	40.0	40.0	42.8	42.2	ug/L	EPA 8260B	11/30/05	107	105	1.61	70-130	25
Tert-Butanol	47087-18	<5.0	200	200	216	220	ug/L	EPA 8260B	11/30/05	108	110	1.84	70-130	25
Methyl-t-Butyl Ether	47087-18	120	40.0	40.0	167	167	ug/L	EPA 8260B	11/30/05	127	127	0.0987	70-130	25
Benzene	47120-04	130	40.0	40.0	161	155	ug/L	EPA 8260B	11/30/05	87.5	71.4	20.2	70-130	25
Toluene	47120-04	80	40.0	40.0	116	112	ug/L	EPA 8260B	11/30/05	91.2	81.7	11.0	70-130	25
Tert-Butanol	47120-04	7.1	200	200	205	209	ug/L	EPA 8260B	11/30/05	98.9	101	2.02	70-130	25
Methyl-t-Butyl Ether	47120-04	<0.50	40.0	40.0	42.6	43.1	ug/L	EPA 8260B	11/30/05	106	108	1.22	70-130	25
Benzene	47137-04	<0.50	40.0	40.0	44.1	43.6	ug/L	EPA 8260B	12/1/05	110	109	1.15	70-130	25
Toluene	47137-04	<0.50	40.0	40.0	45.1	44.5	ug/L	EPA 8260B	12/1/05	113	111	1.44	70-130	25
Tert-Butanol	47137-04	<5.0	200	200	207	205	ug/L	EPA 8260B	12/1/05	103	102	0.886	70-130	25
Methyl-t-Butyl Ether	47137-04	<0.50	40.0	40.0	32.8	32.4	ug/L	EPA 8260B	12/1/05	82.0	81.1	1.15	70-130	25

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

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

Report Number : 47099

QC Report : Laboratory Control Sample (LCS)

Date : 12/3/2005

Project Name : **Tesoro 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	11/30/05	100	70-130
Toluene	40.0	ug/L	EPA 8260B	11/30/05	100	70-130
Tert-Butanol	200	ug/L	EPA 8260B	11/30/05	97.5	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	11/30/05	103	70-130
Benzene	40.0	ug/L	EPA 8260B	11/30/05	85.4	70-130
Toluene	40.0	ug/L	EPA 8260B	11/30/05	90.8	70-130
Tert-Butanol	200	ug/L	EPA 8260B	11/30/05	91.3	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	11/30/05	104	70-130
Benzene	40.0	ug/L	EPA 8260B	12/1/05	109	70-130
Toluene	40.0	ug/L	EPA 8260B	12/1/05	112	70-130
Tert-Butanol	200	ug/L	EPA 8260B	12/1/05	105	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	12/1/05	81.1	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 : 47099

Date : 12/3/2005

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

Project Name :Tesoro 67107
Project Number : 67107

			Sample Name	GW-Inf	DAT-Eff		GW-MID1		GW-MID2		GW-Eff	
			Sample Date	11/27/2005	11/27/2005		11/27/2005		11/27/2005		11/27/2005	
Analyte	Method	Units		MRL	Results	MRL	Results	MRL	Results	MRL	Results	MRL	Results
Benzene	EPA 8260B	ug/L		0.50	**1.3**	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	0.50	ND
Ethylbenzene	EPA 8260B	ug/L		0.50	ND	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	0.50	ND
Methyl-t-butyl ether (MTBE)	EPA 8260B	ug/L		0.50	**49**	0.50	ND	0.50	ND	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	0.50	ND
Ethyl-t-butyl ether (ETBE)	EPA 8260B	ug/L		0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Tert-amyl methyl ether (TAME)	EPA 8260B	ug/L		0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Tert-Butanol	EPA 8260B	ug/L		5.0	**8.6**	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	50	ND
Toluene - d8 (Surr)	EPA 8260B	%			108		102		97.1		103		103
4-Bromofluorobenzene (Surr)	EPA 8260B	%			92.0		105		97.0		103		104

MRL = Method Reporting Limit
ND = Not Detected

Approved By,

Joel Kiff

Calscience Environmental Laboratories, Inc.

December 05, 2005

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

Subject: **Calscience Work Order No.: 05-11-1619**
Client Reference: Tesoro 67107

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 11/29/2005 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: 11/29/05
Work Order No: 05-11-1619

Project: Tesoro 67107

Client Sample Number	Lab Sample Number	Date Collected	Matrix
GW-Eff	**05-11-1619-1**	**11/27/05**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Solids, Total Suspended	ND	1.0	1		mg/L	N/A	11/29/05	EPA 160.2
Chemical Oxygen Demand	160	5	1		mg/L	12/01/05	12/02/05	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	11/29/05	EPA 160.2
Chemical Oxygen Demand	ND	5.0	1		mg/L	12/01/05	12/02/05	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: 05-11-1619

Project: Tesoro 67107

Matrix: Aqueous

Parameter	Method	QC Sample ID	Date Analyzed	Sample Conc	DUP Conc	RPD	RPD CL	Qualifiers
Chemical Oxygen Demand	EPA 410.4	05-12-0027-1	12/02/05	340	330	3	0-25	
Solids, Total Suspended	EPA 160.2	05-11-1643-1	11/29/05	16	17	6	0-25	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 05-11-1619

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. 1619

Page 1 of 1

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF to): Scott Forbes

EDF Report? __ Yes _X_ No

Company/Address: Kiff Analytical, LLC

Recommended but not mandatory to complete this section:

Sampling Company Log Code:

Global ID:

Phone No.: FAX No.:

EDF Deliverable to (Email Address):

Project Number: 67107 P.O. No.: 47099

Project Name: Tesoro 67107

E-mail address: inbox@kiffanalytical.com

Project Address:

Analysis Request

Date due: December 5, 2005

For Lab Use Only

Sample Designation	Sampling Date	Sampling Time	Container: Glass Jar	Container: Poly	Container: Glass Bottl	Container:	Container:	Preservative: HCl	Preservative: HNO3	Preservative: ICE	Preservative: NONE	Preservative: H2SO4	Matrix: WATER	Matrix: SOIL	Matrix:	Chemical Oxegen Demand (COD)	Solids, Total Suspended (TSS)							Date due: December 5, 2005	For Lab Use Only
GW-Eff	11/27/05	10:42		1	1					X	X	X	X			X	X							X	

Relinquished by:	Date	Time	Received by:
Daryl Capuk Kiff Analytical	112805	1905	
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by Laboratory:
	11/29/05	0900	CEL

Remarks:

Bill to: Accounts Payable

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 05 - 11-1619

Cooler 1 **of** 1

SAMPLE RECEIPT FORM

CLIENT: Kiff **DATE:** 11/29/05

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):

4.2 °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	✓		
Sample container label(s) consistent with custody papers	✓		
Sample container(s) intact and good condition	✓		
Correct containers 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:

KIFF ANALYTICAL LLC

2795 2nd Street, Suite 300
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4808

Lab No. 47099 Page 1 of 1

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): Richard Munch
Company/Address: RRM Environmental
Phone No.: (916) 415-1134 FAX No.: (916) 415-1154
Project Number: 67107 P.O. No: 67107
Project Name: Tesoro 67107
Project Address:

California EDF Report? ☐ Yes ☐ No

Recommended but not mandatory to complete this section:
Sampling Company Log Code: - - -
Global ID: - - - - - - - - - - -
EDF Deliverable To (Email Address):
Sampler Signature:

Sample Designation	Sampling Date	Sampling Time	Container: 40 ml VOA	Container: SLEEVE	Container: Poly	Container: Glass	Preservative: HCl	Preservative: HNO_3	Preservative: ICE	Preservative: NONE	Preservative: H_2SO_4	Matrix: WATER	Matrix: SOIL
GW-INF	11/27/05	10:50	2				X		X			X	
DAT-Eff	11/27/05	10:48	2				X		X			X	
GW-MID1	11/27/05	10:46	2				X		X			X	
GW-MID2	11/27/05	10:44	2				X		X			X	
GW-Eff	11/27/05	10:42	6		1	1	X		X	X	X	X	

Analysis Request

BTEX (8021B)	BTEX/TPH Gas/MTBE (8021B/M8015)	TPH as Diesel (M8015)	TPH as Motor Oil (M8015)	TPH Gas/BTEX/MTBE (8260B)	5 Oxygenates/TPH Gas/BTEX (8260B)	7 Oxygenates/TPH Gas/BTEX (8260B)	5 Oxygenates (8260B)	7 Oxygenates (8260B)	Lead Scav. (1,2 DCA & 1,2 EDB - 8260B)	EPA 8260B (Full List)	Volatile Halocarbons (EPA 8260B)	Lead (7421/239.2) TOTAL (X) W.E.T. (X)	C.O.D	TSS				TAT: 12 hr / 24 hr / 48 hr / 72 hr / 1 wk	For Lab Use Only
					X														01
					X														02
					X														03
					X														04
					X								X	X					05

Sample Receipt
Temp °C 0.0 Therm. ID# IR-1
Initial MMS Date 11/28/05
Time 1500 Coolant present: (Y) N

Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by Laboratory:
	112805	1055	Michelle Spencer Kiff Analytical

Remarks: STAT

Bill to: Tesoro Petroleum

Distribution: White - Lab, Pink - Originator

Forms/coc 121001.fh9

KIFF Analytical LLC

Report Number : 47695
Date : 1/3/2006

Richard Munsch
RDM Environmental
6280 Brookshire Drive
Rocklin, CA 95677

Subject : 5 Water Samples
Project Name : Tesoro Station 67107
Project Number : 67107
P.O. 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 : 47695

Date : 1/3/2006

Project Name : **Tesoro Station 67107**

Project Number : **67107**

Sample : **GW-Inf** Matrix : Water Lab Number : 47695-01

Sample Date :12/27/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	12/29/2005
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	12/29/2005
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	12/29/2005
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	12/29/2005
Methyl-t-butyl ether (MTBE)	**18**	0.50	ug/L	EPA 8260B	12/29/2005
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	12/29/2005
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	12/29/2005
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	12/29/2005
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	12/29/2005
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	12/29/2005
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	12/29/2005
4-Bromofluorobenzene (Surr)	95.3		% Recovery	EPA 8260B	12/29/2005

Approved By: Joel Kiff

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

KIFF Analytical LLC

Report Number : 47695

Date : 1/3/2006

Project Name : **Tesoro Station 67107**

Project Number : **67107**

Sample : **GW-DAT-Eff** Matrix : Water Lab Number : 47695-02

Sample Date :12/27/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	12/29/2005
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	12/29/2005
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	12/29/2005
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	12/29/2005
Methyl-t-butyl ether (MTBE)	**12**	0.50	ug/L	EPA 8260B	12/29/2005
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	12/29/2005
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	12/29/2005
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	12/29/2005
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	12/29/2005
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	12/29/2005
Toluene - d8 (Surr)	107		% Recovery	EPA 8260B	12/29/2005
4-Bromofluorobenzene (Surr)	88.6		% Recovery	EPA 8260B	12/29/2005

Approved By: Joel Kiff

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

KIFF Analytical LLC

Report Number : 47695

Date : 1/3/2006

Project Name : **Tesoro Station 67107**

Project Number : **67107**

Sample : **GW-MID1** Matrix : Water Lab Number : 47695-03

Sample Date :12/27/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	12/29/2005
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	12/29/2005
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	12/29/2005
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	12/29/2005
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	12/29/2005
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	12/29/2005
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	12/29/2005
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	12/29/2005
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	12/29/2005
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	12/29/2005
Toluene - d8 (Surr)	96.5		% Recovery	EPA 8260B	12/29/2005
4-Bromofluorobenzene (Surr)	102		% Recovery	EPA 8260B	12/29/2005

Approved By: Joel Kiff

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

KIFF Analytical LLC

Report Number : 47695

Date : 1/3/2006

Project Name : **Tesoro Station 67107**

Project Number : **67107**

Sample : **GW-MID2** Matrix : Water Lab Number : 47695-04

Sample Date :12/27/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	12/29/2005
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	12/29/2005
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	12/29/2005
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	12/29/2005
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	12/29/2005
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	12/29/2005
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	12/29/2005
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	12/29/2005
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	12/29/2005
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	12/29/2005
Toluene - d8 (Surr)	97.8		% Recovery	EPA 8260B	12/29/2005
4-Bromofluorobenzene (Surr)	101		% Recovery	EPA 8260B	12/29/2005

Approved By: Joel Kiff

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

KIFF Analytical LLC

Report Number : 47695

Date : 1/3/2006

Project Name : **Tesoro Station 67107**

Project Number : **67107**

Sample : **GW-Eff** Matrix : Water Lab Number : 47695-05

Sample Date :12/27/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	12/29/2005
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	12/29/2005
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	12/29/2005
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	12/29/2005
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	12/29/2005
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	12/29/2005
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	12/29/2005
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	12/29/2005
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	12/29/2005
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	12/29/2005
Toluene - d8 (Surr)	95.6		% Recovery	EPA 8260B	12/29/2005
4-Bromofluorobenzene (Surr)	109		% Recovery	EPA 8260B	12/29/2005

Approved By: Joel Kiff

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

Report Number : 47695

Date : 1/3/2006

QC Report : Method Blank Data

Project Name : **Tesoro Station 67107**

Project Number : **67107**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	12/28/2005
Toluene	< 0.50	0.50	ug/L	EPA 8260B	12/28/2005
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	12/28/2005
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	12/28/2005
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	12/28/2005
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	12/28/2005
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	12/28/2005
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	12/28/2005
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	12/28/2005
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	12/28/2005
Toluene - d8 (Surr)	101		%	EPA 8260B	12/28/2005
4-Bromofluorobenzene (Surr)	96.0		%	EPA 8260B	12/28/2005
Benzene	< 0.50	0.50	ug/L	EPA 8260B	12/29/2005
Toluene	< 0.50	0.50	ug/L	EPA 8260B	12/29/2005
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	12/29/2005
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	12/29/2005
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	12/29/2005
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	12/29/2005
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	12/29/2005
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	12/29/2005
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	12/29/2005
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	12/29/2005
Toluene - d8 (Surr)	108		%	EPA 8260B	12/29/2005
4-Bromofluorobenzene (Surr)	88.7		%	EPA 8260B	12/29/2005

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 : 47695

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 1/3/2006

Project Name : **Tesoro Station 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	47609-01	110	39.8	39.9	150	145	ug/L	EPA 8260B	12/29/05	89.8	78.3	13.7	70-130	25
Toluene	47609-01	0.57	39.8	39.9	42.2	42.5	ug/L	EPA 8260B	12/29/05	105	105	0.392	70-130	25
Tert-Butanol	47609-01	32	199	200	228	235	ug/L	EPA 8260B	12/29/05	98.5	102	3.18	70-130	25
Methyl-t-Butyl Ether	47609-01	<0.50	39.8	39.9	38.9	39.6	ug/L	EPA 8260B	12/29/05	97.8	99.2	1.38	70-130	25
Benzene	47657-05	<0.50	40.0	40.0	43.7	41.9	ug/L	EPA 8260B	12/29/05	109	105	4.19	70-130	25
Toluene	47657-05	<0.50	40.0	40.0	45.8	44.1	ug/L	EPA 8260B	12/29/05	114	110	3.67	70-130	25
Tert-Butanol	47657-05	<5.0	200	200	218	208	ug/L	EPA 8260B	12/29/05	109	104	4.45	70-130	25
Methyl-t-Butyl Ether	47657-05	180	40.0	40.0	217	214	ug/L	EPA 8260B	12/29/05	93.0	85.3	8.65	70-130	25

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

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

Report Number : 47695

QC Report : Laboratory Control Sample (LCS)

Date : 1/3/2006

Project Name : **Tesoro Station 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	12/28/05	112	70-130
Toluene	40.0	ug/L	EPA 8260B	12/28/05	106	70-130
Tert-Butanol	200	ug/L	EPA 8260B	12/28/05	104	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	12/28/05	98.7	70-130
Benzene	40.0	ug/L	EPA 8260B	12/29/05	105	70-130
Toluene	40.0	ug/L	EPA 8260B	12/29/05	114	70-130
Tert-Butanol	200	ug/L	EPA 8260B	12/29/05	105	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	12/29/05	95.0	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 : 47695

Date : 1/3/2006

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

Project Name :Tesoro Station 67107
Project Number : 67107

			Sample Name	GW-Inf	GW-DAT-Eff		GW-MID1		GW-MID2		GW-Eff	
			Sample Date	12/27/2005	12/27/2005		12/27/2005		12/27/2005		12/27/2005	
Analyte	Method	Units		MRL	Results	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	0.50	ND
Toluene	EPA 8260B	ug/L		0.50	ND	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	0.50	ND
Total Xylenes	EPA 8260B	ug/L		0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Methyl-t-butyl ether (MTBE)	EPA 8260B	ug/L		0.50	**18**	0.50	**12**	0.50	ND	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	0.50	ND
Ethyl-t-butyl ether (ETBE)	EPA 8260B	ug/L		0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Tert-amyl methyl ether (TAME)	EPA 8260B	ug/L		0.50	ND	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	5.0	ND
TPH as Gasoline	EPA 8260B	ug/L		50	ND	50	ND	50	ND	50	ND	50	ND
Toluene - d8 (Surr)	EPA 8260B	%			100		107		96.5		97.8		95.6
4-Bromofluorobenzene (Surr)	EPA 8260B	%			95.3		88.6		102		101		109

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.

January 05, 2006

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

Subject: **Calscience Work Order No.: 05-12-1509**
Client Reference: Tesoro Station 67107

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 12/29/2005 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,

Amanda Porter for

Calscience Environmental
Laboratories, Inc.
Stephen Nowak
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 12/29/05
Work Order No: 05-12-1509

Project: Tesoro Station 67107

Client Sample Number	Lab Sample Number	Date Collected	Matrix
GW-Eff	**05-12-1509-1**	**12/27/05**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Solids, Total Suspended	ND	1.0	1		mg/L	N/A	12/30/05	EPA 160.2
Chemical Oxygen Demand	ND	5.0	1		mg/L	12/29/05	12/30/05	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	12/30/05	EPA 160.2
Chemical Oxygen Demand	ND	5.0	1		mg/L	12/29/05	12/30/05	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: 05-12-1509

Project: Tesoro Station 67107

Matrix: Aqueous

Parameter	Method	QC Sample ID	Date Analyzed	Sample Conc	DUP Conc	RPD	RPD CL	Qualifiers
Chemical Oxygen Demand	EPA 410.4	05-12-1482-2	12/30/05	510	510	0	0-25	
Solids, Total Suspended	EPA 160.2	05-12-1534-2	12/30/05	367	375	2	0-25	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 05-12-1509

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. 1509

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

Recommended but not mandatory to complete this section:

Sampling Company Log Code:

Global ID:

Phone No.: FAX No.:

Project Number: 67107 P.O. No.: 47695

EDF Deliverable to (Email Address):

Project Name: Tesoro Station 67107

E-mail address: inbox@kiffanalytical.com

Project Address:

Analysis Request

Date due: January 5, 2006

For Lab Use Only

Sample Designation	Sampling Date	Sampling Time	Container: Glass	Container: Poly	Container: Amber	Container:	Container:	Preservative: HCl	Preservative: HNO3	Preservative: ICE	Preservative: NONE	Preservative: H2SO4	Matrix: WATER	Matrix: SOIL	Matrix:	TSS	C.O.D							For Lab Use Only
GW-Eff	12/27/05	8:38	1	1						X	X	X	X			X	X							X	

Relinquished by: Kiff Analytical	Date 122805	Time 1900	Received by:	Remarks:
Relinquished by:	Date	Time	Received by:	
Relinquished by:	Date 12-29-05	Time 8:30	Received by Laboratory:	Bill to: Accounts Payable

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 05-12-1509

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: KIFF ANALYTICAL DATE: 12-29-05

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):

3.3 °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	✓		
Sample container label(s) consistent with custody papers	✓		
Sample container(s) intact and good condition	✓		
Correct containers 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. 47695

Page ___ of ___

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): Richard Munsch	California EDF Report? ☐ Yes ☐ No
Company / Address: RMM Environmental	Sampling Company Log Code:
Phone #: (916) 415-1134 / Fax #: (916) 415-1154	Global ID:
Project #: 07107 / P.O. #: 07107	EDF Deliverable To (Email Address):
Project Name: Tesoro Station 07107	Sampler Signature:
Project Address: San Lorenzo CA	

Sample Designation	Sampling: Date	Sampling: Time	Container: 40 ml VOA	Container: Sleeve	Container: Poly	Container: Glass	Container: Tedlar	Preservative: HCl	Preservative: HNO_3	Preservative: None	Preservative: H_2SO_4	Matrix: Water	Matrix: Soil	Matrix: Air	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)	TSS	C.O.D.	TAT	For Lab Use Only
GW-Inf	12/27/05	8:45	2					X				X					X	X	X													-01
GW-PAT-Eff		8:43	2					X									X	X	X													-02
GW-MID1		8:41	2					X									X	X	X													-03
GW-MID2		8:40	2					X									X	X	X													-04
GW-Eff		8:38	2		X	X		X		X	X						X	X	X									X	X			-05

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

Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by Laboratory:
	122805	1615	Osana Hoffman / 1615

Remarks: STAT

Bill to: Tesoro Petroleum / Rob Bronum

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time	Therm. ID #	Coolant Present
1.9	OA	122805	1745	IR-4	(Yes) / No

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

KIFF Analytical LLC

Report Number : 46623
Date : 11/1/2005

Richard Munsch
RDM Environmental
6280 Brookshire Drive
Rocklin, CA 95677

Subject : 1 Vapor Sample
Project Name : Tesoro Station 67107
Project Number : 67107
P.O. 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 : 46623

Date : 11/1/2005

Project Name : **Tesoro Station 67107**

Project Number : **67107**

Sample : **DAT-EFF** Matrix : Air Lab Number : 46623-01

Sample Date :10/26/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.050**	0.050	ppmv	EPA 8260B	10/28/2005
Toluene	**< 0.050**	0.050	ppmv	EPA 8260B	10/28/2005
Ethylbenzene	**< 0.050**	0.050	ppmv	EPA 8260B	10/28/2005
Total Xylenes	**< 0.050**	0.050	ppmv	EPA 8260B	10/28/2005
Methyl-t-butyl ether (MTBE)	**< 0.050**	0.050	ppmv	EPA 8260B	10/28/2005
Diisopropyl ether (DIPE)	**< 0.050**	0.050	ppmv	EPA 8260B	10/28/2005
Ethyl-t-butyl ether (ETBE)	**< 0.050**	0.050	ppmv	EPA 8260B	10/28/2005
Tert-amyl methyl ether (TAME)	**< 0.050**	0.050	ppmv	EPA 8260B	10/28/2005
Tert-Butanol	**< 0.50**	0.50	ppmv	EPA 8260B	10/28/2005
TPH as Gasoline	**< 5.0**	5.0	ppmv	EPA 8260B	10/28/2005
4-Bromofluorobenzene (Surr)	95.1		% Recovery	EPA 8260B	10/28/2005
Toluene - d8 (Surr)	96.7		% Recovery	EPA 8260B	10/28/2005

Approved By: Joel Kiff

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

Report Number : 46623

Date : 11/1/2005

QC Report : Method Blank Data

Project Name : **Tesoro Station 67107**

Project Number : **67107**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.050	0.050	ppmv	EPA 8260B	10/27/2005
Toluene	< 0.050	0.050	ppmv	EPA 8260B	10/27/2005
Ethylbenzene	< 0.050	0.050	ppmv	EPA 8260B	10/27/2005
Total Xylenes	< 0.050	0.050	ppmv	EPA 8260B	10/27/2005
Methyl-t-butyl ether (MTBE)	< 0.050	0.050	ppmv	EPA 8260B	10/27/2005
Diisopropyl ether (DIPE)	< 0.050	0.050	ppmv	EPA 8260B	10/27/2005
Ethyl-t-butyl ether (ETBE)	< 0.050	0.050	ppmv	EPA 8260B	10/27/2005
Tert-amyl methyl ether (TAME)	< 0.050	0.050	ppmv	EPA 8260B	10/27/2005
Tert-Butanol	< 0.50	0.50	ppmv	EPA 8260B	10/27/2005
TPH as Gasoline	< 5.0	5.0	ppmv	EPA 8260B	10/27/2005
4-Bromofluorobenzene (Surr)	95.4		%	EPA 8260B	10/27/2005
Toluene - d8 (Surr)	97.2		%	EPA 8260B	10/27/2005

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

KIFF Analytical LLC

Analysis Summary

Report Number : 46623

Date : 11/1/2005

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

Project Name :Tesoro Station 67107
Project Number : 67107

			Sample Name	DAT-EFF
			Sample Date	10/26/2005
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	%		96.7
4-Bromofluorobenzene (Surr)	EPA 8260B	%		95.1

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

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

SRG # / Lab No. 416623

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: RPM Environmental	Sampling Company Log Code:
Phone #: (916)415-1134 / Fax #: (916)415-1154	Global ID:
Project #: 67107 / P.O. #: 67107	EDF Deliverable To (Email Address):
Project Name: Tesoro Station 67107	Sampler Signature:
Project Address: 44 Lovelling Blvd San Lorenzo CA	

Sample Designation	Sampling: Date	Sampling: Time	Container: 40 ml VOA	Container: Sleeve	Container: Poly	Container: Glass	Container: Tedlar	Preservative: HCl	Preservative: HNO_3	Preservative: None	Matrix: Water	Matrix: Soil	Matrix: Air	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)				TAT	For Lab Use Only
DAT-Stf	10/26	3:45					X			X			X			X	X	X													12 hr ☐ 24 hr ☐ 48 hr ☐ 72 hr ☐ 1 wk ☒	01

Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by Laboratory:
	102705	1204	Michelle Spencer Kiff Analytical

Remarks: STAT

Bill to: Tesoro Petroleum

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time	Therm. ID #	Coolant Present
					Yes / No

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

KIFF Analytical LLC

Report Number : 47097
Date : 12/3/2005

Richard Munsch
RDM Environmental
6280 Brookshire Drive
Rocklin, CA 95677

Subject : 1 Vapor Sample
Project Name : Tesoro Petroleum 67107
Project Number : 67107
P.O. 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 : 47097

Date : 12/3/2005

Project Name : **Tesoro Petroleum 67107**

Project Number : **67107**

Sample : **DAT-EFF** Matrix : Air Lab Number : 47097-01

Sample Date :11/27/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.050**	0.050	ppmv	EPA 8260B	11/28/2005
Toluene	**< 0.050**	0.050	ppmv	EPA 8260B	11/28/2005
Ethylbenzene	**< 0.050**	0.050	ppmv	EPA 8260B	11/28/2005
Total Xylenes	**< 0.050**	0.050	ppmv	EPA 8260B	11/28/2005
Methyl-t-butyl ether (MTBE)	**< 0.050**	0.050	ppmv	EPA 8260B	11/28/2005
Diisopropyl ether (DIPE)	**< 0.050**	0.050	ppmv	EPA 8260B	11/28/2005
Ethyl-t-butyl ether (ETBE)	**< 0.050**	0.050	ppmv	EPA 8260B	11/28/2005
Tert-amyl methyl ether (TAME)	**< 0.050**	0.050	ppmv	EPA 8260B	11/28/2005
Tert-Butanol	**< 0.50**	0.50	ppmv	EPA 8260B	11/28/2005
TPH as Gasoline	**< 5.0**	5.0	ppmv	EPA 8260B	11/28/2005
4-Bromofluorobenzene (Surr)	94.5		% Recovery	EPA 8260B	11/28/2005
Toluene - d8 (Surr)	98.9		% Recovery	EPA 8260B	11/28/2005

Approved By: Joel Kiff

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

Report Number : 47097

Date : 12/3/2005

QC Report : Method Blank Data

Project Name : **Tesoro Petroleum 67107**

Project Number : **67107**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.050	0.050	ppmv	EPA 8260B	11/28/2005
Toluene	< 0.050	0.050	ppmv	EPA 8260B	11/28/2005
Ethylbenzene	< 0.050	0.050	ppmv	EPA 8260B	11/28/2005
Total Xylenes	< 0.050	0.050	ppmv	EPA 8260B	11/28/2005
Methyl-t-butyl ether (MTBE)	< 0.050	0.050	ppmv	EPA 8260B	11/28/2005
Diisopropyl ether (DIPE)	< 0.050	0.050	ppmv	EPA 8260B	11/28/2005
Ethyl-t-butyl ether (ETBE)	< 0.050	0.050	ppmv	EPA 8260B	11/28/2005
Tert-amyl methyl ether (TAME)	< 0.050	0.050	ppmv	EPA 8260B	11/28/2005
Tert-Butanol	< 0.50	0.50	ppmv	EPA 8260B	11/28/2005
TPH as Gasoline	< 5.0	5.0	ppmv	EPA 8260B	11/28/2005
4-Bromofluorobenzene (Surr)	95.8		%	EPA 8260B	11/28/2005
Toluene - d8 (Surr)	99.9		%	EPA 8260B	11/28/2005

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

KIFF Analytical LLC

Analysis Summary

Report Number : 47097

Date : 12/3/2005

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

Project Name :Tesoro Petroleum 67107
Project Number : 67107

			Sample Name	DAT-EFF
			Sample Date	11/27/2005
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	%		98.9
4-Bromofluorobenzene (Surr)	EPA 8260B	%		94.5

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

2795 2nd Street, Suite 300
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4808

Lab No. 47097 Page 1 of 1

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): Richard Munsch
Company/Address: RPM Environmental
Phone No.: (916) 415-1134 FAX No.: (916) 415-1154
Project Number: 67107 P.O. No: 67107
Project Name: Tesoro Petroleum 67107
Project Address: San Lorenzo CA

California EDF Report? ☐ Yes ☐ No

Recommended but not mandatory to complete this section:
Sampling Company Log Code: - - -
Global ID: - - - - - - - - - - -
EDF Deliverable To (Email Address):
Sampler Signature: [signature]

Sample Designation	Sampling Date	Sampling Time	Container: 40 ml VOA	Container: SLEEVE	Container: Tedlr	Preservative: HCl	Preservative: HNO_3	Preservative: ICE	Preservative: NONE	Matrix: WATER	Matrix: SOIL	Matrix: Air	BTEX (8021B)	BTEX/TPH Gas/MTBE (8021B/M8015)	TPH as Diesel (M8015)	TPH as Motor Oil (M8015)	TPH Gas/BTEX/MTBE (8260B)	5 Oxygenates/TPH Gas/BTEX (8260B)	7 Oxygenates/TPH Gas/BTEX (8260B)	5 Oxygenates (8260B)	7 Oxygenates (8260B)	Lead Scav. (1,2 DCA & 1,2 EDB - 8260B)	EPA 8260B (Full List)	Volatile Halocarbons (EPA 8260B)	Lead (7421/239.2) TOTAL (X) W.E.T. (X)	TAT: 12 hr/24 hr/48 hr/72 hr/1 wk	For Lab Use Only
DAT-Eff	11/27/05	10:30			X				X			X						X									01

Relinquished by: [signature] Date Time Received by:
Relinquished by: Date Time Received by:
Relinquished by: Date 112805 Time 1055 Received by Laboratory: Michelle Spencer Kiff Analytical

Remarks: 5-TAT

Bill to:

Distribution: White - Lab, Pink - Originator

Forms/coc 121001.fh9

KIFF ANALYTICAL LLC

Report Number : 41732
Date : 1/4/2005

Richard Munsch
RDM Environmental
1704 Via Riata
Roseville, CA 95747

Subject : 1 Vapor Sample
Project Name : Tesoro Station 67107
Project Number : 67107
P.O. 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 : 41732

Date : 1/4/2005

Project Name : **Tesoro Station 67107**

Project Number : **67107**

Sample : **DAT-EFF** Matrix : Air Lab Number : 41732-01

Sample Date :12/26/2004

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.050**	0.050	ppmv	EPA 8260B	12/28/2004
Toluene	**< 0.050**	0.050	ppmv	EPA 8260B	12/28/2004
Ethylbenzene	**< 0.050**	0.050	ppmv	EPA 8260B	12/28/2004
Total Xylenes	**< 0.050**	0.050	ppmv	EPA 8260B	12/28/2004
Methyl-t-butyl ether (MTBE)	**< 0.050**	0.050	ppmv	EPA 8260B	12/28/2004
Diisopropyl ether (DIPE)	**< 0.050**	0.050	ppmv	EPA 8260B	12/28/2004
Ethyl-t-butyl ether (ETBE)	**< 0.050**	0.050	ppmv	EPA 8260B	12/28/2004
Tert-amyl methyl ether (TAME)	**< 0.050**	0.050	ppmv	EPA 8260B	12/28/2004
Tert-Butanol	**< 0.50**	0.50	ppmv	EPA 8260B	12/28/2004
TPH as Gasoline	**< 5.0**	5.0	ppmv	EPA 8260B	12/28/2004
4-Bromofluorobenzene (Surr)	91.9		% Recovery	EPA 8260B	12/28/2004
Toluene - d8 (Surr)	103		% Recovery	EPA 8260B	12/28/2004

Approved By: Joel Kiff

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

KIFF ANALYTICAL LLC

Analysis Summary

Report Number : 41732

Date : 1/4/2005

Attention : Richard Munsch
RDM Environmental
1704 Via Riata
Roseville, CA 95747

Project Name :Tesoro Station 67107
Project Number : 67107

			Sample Name	DAT-EFF
			Sample Date	12/26/2004
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	%		103
4-Bromofluorobenzene (Surr)	EPA 8260B	%		91.9

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

2795 2nd Street, Suite 300
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4808

Lab No. 41732 Page 1 of 1

Project Contact (Hardcopy or PDF To): Richard Munsch

Company/Address: RRM Environmental

Phone No.: (916) 771-7098 FAX No.: (916) 771-4584

Project Number: 67107 P.O. No: 67107

Project Name: Tesoro Station 67107

Project Address: San Lorenzo

California EDF Report? ☐ Yes ☐ No

Recommended but not mandatory to complete this section:

Sampling Company Log Code: - - -

Global ID: - - - - - - - - - - -

EDF Deliverable To (Email Address):

Sampler Signature:

Chain-of-Custody Record and Analysis Request

Sample Designation	Sampling: Date	Sampling: Time	Container: 40 ml VOA	Container: SLEEVE	Container: Tedlar	Container:	Container:	Preservative: HCl	Preservative: HNO_3	Preservative: ICE	Preservative: NONE	Preservative:	Matrix: WATER	Matrix: SOIL	Matrix: Air	Analysis Request: BTEX (8021B)	BTEX/TPH Gas/MTBE (8021B/M8015)	TPH as Diesel (M8015)	TPH as Motor Oil (M8015)	TPH Gas/BTEX/MTBE (8260B)	5 Oxygenates/TPH Gas/BTEX (8260B)	7 Oxygenates/TPH Gas/BTEX (8260B)	5 Oxygenates (8260B)	7 Oxygenates (8260B)	Lead Scav. (1,2 DCA & 1,2 EDB - 8260B)	EPA 8260B (Full List)	Volatile Halocarbons (EPA 8260B)	Lead (7421/239.2) TOTAL (X) W.E.T. (X)					TAT: 12 hr / 24 hr / 48 hr / 72 hr / 1 wk	For Lab Use Only
DAT-Eff	12/21/04	4:20			1						1				1						X													01

Relinquished by: Date Time Received by:

Relinquished by: Date Time Received by:

Relinquished by: Date 122104 Time 1230 Received by Laboratory: Kiff Analytical

Remarks: STAT

Bill to: Tesoro Petroleum / RoL Donovan

Distribution: White - Lab, Pink - Originator

Forms/coc 121001.fh9