FIRST QUARTER 2006

GROUNDWATER MONITORING/REMEDIATION STATUS REPORT

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

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May 31, 2006

EXECUTIVE SUMMARY

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

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

Benzene, toluene, ethyl benzene, xylenes (BTEX) and total petroleum hydrocarbon (TPH) concentrations increased slightly in MW-3 from the 1st Quarter 2006 sampling event but remained within seasonal fluctuations observed at the site. All remaining monitoring locations exhibited lower values for all target parameters indicating that intrinsic attenuation processes continue to control contaminant migration down gradient from the site.

Based on this historical data and the continued observed reduction of groundwater contaminant concentrations in RW-1, the remediation system will be modified to initiate active pumping from MW-3R and RW-2 to address the increasing concentrations of BTEX and TPH in MW-3R and the persistent detection of site contaminants in MW-10. Installation of the modified system and testing of the recovery wells will be performed concurrent with the next quarterly monitoring event.

Following the start-up of the modified remediation system, we will 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 to determine if the intrinsic attenuation processes can be enhanced.

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1.0 INTRODUCTION

This report has been prepared by RDM Environmental, Inc. (RDM) and Haley & Aldrich, Inc. (Haley & Aldrich), on behalf of Tesoro Companies, Inc. (Tesoro) for the former Tesoro Station No. 67107 located at 44 Lewelling Boulevard, San Lorenzo, California. The most recently prepared project reports and standard project reference materials contained in quarterly reports submitted to the CRWQCBSFB (e.g., site background, local groundwater use, site geology and hydrogeology, general field procedures, previous work, remedial system descriptions) are available electronically on the Tesoro Companies Sharepoint website (https://portal.haleyaldrich.com/sites/ext/Tesoro/San Lorenzo), a project data portal and collaborative resource that is currently available to all members of the project team and interested stakeholders.

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

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

2.0 SITE BACKGROUND

Site description and groundwater use details are available in hard copy in any of the previous report submittals or electronically on the Tesoro Petroleum Sharepoint website (https://portal.Haleyaldrich .com/sites/ext/Tesoro/San Lorenzo).

3.0 ENVIRONMENTAL SETTING

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

4.0 SITE ASSESSMENT ACTIVITIES

As requested by the Alameda County Environmental Health Department, an updated well use survey was performed by RDM Environmental during this reporting period. The findings from the updated well survey will be present in the second quarter quarterly report. A summary of previous site assessment activities are provided in reports available electronically on the Tesoro Companies Sharepoint website (https://portal.haleyaldrich .com/sites/ext/ Tesoro/San Lorenzo).

5.0 QUARTERLY GROUNDWATER MONITORING AND SAMPLING

5.1 GROUNDWATER MONITORING AND SAMPLING ACTIVITIES

On January 30, 2006, static groundwater levels in monitoring wells MW-1 through MW-11 and RW-1 were measured. These data, used to prepare Figure 3 - Groundwater Elevation Contour Map, were

obtained with a handheld groundwater level sensor. The contour map indicates that the predominant groundwater flow direction is to the southwest. Following the determination of the static groundwater levels, representative samples of groundwater were collected from select wells for evaluation of the groundwater quality. During well purging, specific conductance, pH and temperature measurements were performed to determine when sample collection should be performed. Well purging and field measurement data are provided in Appendix A.

5.2 LABORATORY ANALYSIS

Groundwater samples collected during the 30 January 2006 sampling event were submitted under a completed COC and analyzed by Kiff Analytical, LLC, a State-certified laboratory (#2236), for TPH-G using the Department of Health Services Leaking Underground Fuel Tank (DHS LUFT) Method, and volatile organic compounds (VOCs), including benzene, toluene, ethylbenzene, total xylenes (BTEX), MTBE, and other fuel oxygenates using Environmental Protection Agency (EPA) Method 8260B.

Historical and quarterly ground water laboratory analytical results are presented in Table 1. Dissolved-phase benzene, TPH-G, MTBE and total xylenes iso-concentration maps are shown on Figures 4, 5, 6, and 7, respectively. The final laboratory reports with chain of custody records for the 1st Quarter 2006 quarterly groundwater sampling event are included in Appendix B.

5.3 FINDINGS

In addition to the static ground water levels, levels were measured with the groundwater recovery system operating to determine the extent of the capture zone of pumping well RW-1. As determined during the 4th Quarter 2005 sampling event, the pumping of RW-1 does not affect the groundwater elevation observed at MW-3. These data indicate that continued operation of the groundwater recovery system at RW-1 will have minimal effect on groundwater quality in MW-3.

Results of laboratory analysis of groundwater samples collected on January 30, 2006, from wells MW-1, MW-2, MW-3, MW-4, MW-7, MW-10, MW-11, RW-1 and RW-2 are summarized in Table 1 and indicate the following:

- Benzene was detected in the groundwater sample collected from well MW-3 at a concentration of 460 ug/L. These data are consistent with groundwater sample results from the Fourth Quarter 2005. Figure 4 presents the benzene iso-concentration map for the 1st Quarter 2006 sampling event.

- TPH-G was detected in groundwater samples collected from wells MW-1, MW-3, MW-10, and RW-2 at concentrations of 92, 6100, 3800, and 1200 ug/L, respectively. Figure 5 presents the TPH-G iso-concentration map for the 1st Quarter 2006 sampling event. These data support the need to initiate groundwater recovery from MW-3R to address TPH-G identified in MW-3R.

- Methyl tertiary butyl ether (MTBE) was detected in groundwater samples collected from wells MW-1, MW-2, MW-3, MW-4, MW-10, MW-11, RW-1 and RW-2. Concentrations detected are consistent with levels detected during prior monitoring events. Figure 6 presents the MTBE iso-concentration map for the 1st Quarter 2006 sampling event.

- Total xylenes were detected in groundwater samples collected from wells MW-3, MW-10, MW-11 and RW-2 at concentrations consistent with historical groundwater sample results. Figure 7 presents the total xylenes iso-concentration map for the 1st Quarter 2006 sampling event.

6.0 SITE CONCEPTUAL MODEL

6.1 HYDROGEOLOGIC SETTING

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

6.2 GROUNDWATER QUALITY

Current monitoring results from the 1st Quarter sampling event indicate that the dissolved phase plume of gasoline constituents appears to be stable and at equilibrium with the hydrogeologic setting, however in order to achieve site closure a more active remediation technology may need to be deployed. Since the identified contaminants of concern at the site are known to degrade intrinsically under aerobic conditions, the slow decline of the observed dissolved phase concentrations of the COC is most likely due to oxygen-limited conditions in the subsurface.

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 and to optimize the design of the system, additional groundwater quality data will need to be collected.

To address this data need, the measurement of dissolved oxygen (DO), ferrous iron (Fe^{2+}), total alkalinity, carbon dioxide (CO_2) and oxidation-reduction potential (ORP) will be performed during the 2nd quarter monitoring event. These indicator parameters will be used to identify areas of the site that could be addressed through the introduction of O_3 and/or pure O_2 to increase the rate of aerobic biodegradation.

7.0 GROUNDWATER EXTRACTION AND TREATMENT SYSTEM PERFORMANCE

7.1 OPERATIONS UPDATE

The current groundwater recovery system extracts groundwater from RW-1 at a rate of approximately 1-2 gallons per minute (GPM). Total volume of groundwater extracted and treated during the quarter was approximately 81,000 gallons for an average recovery rate of 0.625 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 January 29, February 27 and March 27, 2006. Maximum influent concentration of contaminants detected was 24 ug/L for MTBE and 3.2 ug/L for benzene. Maximum effluent concentration of contaminants detected was 1.6 ug/L MTBE. Effluent vapor from the DAT blower is treated with two (2) 200 lb GAC canisters with final discharge to the atmosphere.
During the 1st Quarter 2006, no detectable concentrations of BTEX, MTBE, or TPH-G were identified in the DAT blower vapor stream.

An updated process flow diagram for the proposed groundwater recovery and treatment system is provided as Figure 9 of this report. The modified recovery system will include two (2) pumping wells (RW-1 and MW-3R) with groundwater treatment achieved using three (3) 600 pound (lb) granular activated carbon canisters (GAC). Final discharge of treated groundwater will be fed by gravity to the municipal sewer under the current sewer use permit.

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 First Quarter 2006, 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 May 3, 2006, Tesoro received a request from the Alameda County Environmental Health Department for a 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 Update report dated March 31, 2006.

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 at the site.

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, the Alameda County Environmental Health Department website and the Tesoro Companies Sharepoint project site. Data collected during the 1st Quarter monitoring event were consistent with our understanding of the subsurface conditions at the site. No significant changes to the Site Conceptual Model are thus presented here.

8.2 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.

8.3 PLUME DELINEATION

In response to the Department's request, we propose to compile all data resources and refine the previously submitted vertical cross sections perpendicular to the preferential path of groundwater flow. Confirmation of well location elevations and a review of historical soil borings logs will be performed and a summary will be submitted with the work plan for additional field activities scheduled for submission to the Department on July 18, 2006. The work plan will include the proposed location for further plume delineation in the down-gradient direction accompanied by recommendations for additional data collection activities (if deemed warranted).

8.4 UPDATED WELL SURVEY

A State of California Division of Water Resources records search was completed by RDM Environmental during the 1st quarter monitoring period. The historical well survey included active, inactive, standby, decommissioned and abandoned wells within 1000 feet. The field portion of the survey for well locations within 1000 feet of the site will be completed during the 2nd Quarter monitoring period. The findings of the field survey will be reported in the work plan as requested for delivery to the Department on July 18, 2006.

8.5 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 Second and Third Quarters of 2006 with the majority of the activities anticipated to be completed and reported in the Third Quarter 2006 Quarterly Remediation Progress 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. 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 remedial 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	08/19/98		14.58	29.09	12	<2.5	6.0[c]	3.8[c]	<250[c]	2,200	NA	No free product or sheen
	11/17/98		15.39	28.28	8.3	<2.5	9.2	7.6	860	4,200	NA	No free product or sheen
	02/18/99		13.52	30.15	2.7	<2.5	<2.5	3.9	310	4,200	NA	No free product or sheen
	06/24/99		15.02	28.65	10	<2.5	12	6.5	860	3,400	NA	No free product or sheen
	08/30/99		15.87	27.80	2.0	<0.5	3.9	2.0	140	2,800	NA	No free product or sheen
	11/09/99		16.65	27.02	<0.5	<0.5	3.1	2.0	170	1,500	NA	No free product or sheen
	03/22/00		13.96	29.71	2.8	<2.0	3.6	<2.0	<200	1,200	NA	No free product or sheen
	06/12/00		15.23	28.44	1.3	<1.0	<1.0	<1.0	190	640	NA	No free product or sheen
	11/15/00		17.05	26.62	<1.0	<0.1	<1.0	<1.0	240	960	NA	No free product or sheen
	02/26/01		15.46	28.21	1.2	<1.0	<1.0	<1.0	<100	2,800	NA	No free product or sheen
	05/21/01		16.22	27.45	<2.0	<2.0	<2.0	<2.0	<200	540	NA	No free product or sheen
	09/05/01		11.25	32.42	7.0	<2.0	<2.0	<2.0	<200	550	NA	No free product or sheen
	11/07/01		18.01	25.66	<2.0	<2.0	<2.0	<2.0	290	750	NA	No free product or sheen
	02/11/02	45.98	15.77	30.21	<1.0	<1.0	<1.0	<1.0	270	450	NA	No free product or sheen
	06/03/02		16.35	29.63	<2.0	<2.0	<2.0	<2.0	310	610	26[e]	No free product or sheen
	08/06/02		17.00	28.98	<0.5	<0.5	<0.5	<0.5	170	540	20[e]	No free product or sheen
	11/14/02		16.93	29.05	<2.0	<2.0	<2.0	<2.0	490	900	ND	No free product or sheen
	02/20/03		15.74	30.24	<1.0	<1.0	<1.0	<1.0	210	320	ND	No free product or sheen
	05/15/03		15.60	30.38	<1.5	<1.5	<1.5	<1.5	400	670	ND	No free product or sheen
	07/31/03		16.60	29.38	<1.5	<1.5	<1.5	<1.5	380	620	ND	No free product or sheen
	10/28/03		17.35	28.63	<1.0	<1.0	<1.0	<1.0	230	470	ND	No free product or sheen
	02/28/04		14.65	31.33	<0.5	<0.5	<0.5	<0.5	300	400	ND	No free product or sheen
	04/16/04		15.44	30.54	<1.5	<1.5	<1.5	<1.5	<200	510	ND	No free product or sheen
	07/16/04		15.99	29.99	<1.5	<1.5	<1.5	<1.5	280	660	ND	No free product or sheen
	11/13/04		15.98	30.00	<1.0	<1.0	<1.0	<1.0	<100	530	19[e]	No free product or sheen
	02/04/05		15.27	30.71	<1.0	<1.0	<1.0	<1.0	140	610	18[e]	No free product or sheen
	04/13/05		14.31	31.67	<0.5	<0.5	<0.5	<0.5	<50	19	12[e]	No free product or sheen
	08/10/05		15.77	30.21	<0.5	<0.5	<0.5	<0.5	100	170	17[e]	No free product or sheen
	11/05/05		16.25	29.73	<0.5	<0.5	<0.5	<0.5	220	95	24[e]	No free product or sheen
	01/30/06		14.67	31.31	<0.5	<0.5	<0.5	<0.5	92	120	20[e]	No free product or sheen

TABLE 1

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

TABLE 1

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44 Lewelling Boulevard
San Lorenzo, California

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

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

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

TABLE 1

GROUND WATER MONITORING DATA

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

Monitoring Well	Date	Top of Riser Elevation (ft)	Depth to Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)	Oxygenates (µg/L)	Comments
MW-6	08/19/98		13.60	28.87	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
	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
	02/18/99		12.39	30.08	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
	06/24/99		13.89	28.58	NS	NS	NS	NS	NS	NS	NS	Not sampled
	08/30/99		14.75	27.72	NS	NS	NS	NS	NS	NS	NS	Not sampled
	11/09/99		15.18	27.29	NS	NS	NS	NS	NS	NS	NS	Not sampled
	03/22/00		12.30	30.17	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
	06/12/00		13.69	28.78	NS	NS	NS	NS	NS	NS	NS	Not sampled
	11/15/00		15.73	26.74	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	02/26/01		14.42	28.05	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	05/21/01		15.23	27.24	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	09/05/01		16.31	26.16	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	11/07/01		17.01	25.46	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	02/11/02	44.79	15.72	29.07	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	06/03/02		16.39	28.40	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	08/06/02		18.90	25.89	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	11/14/02		18.93	25.86	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	02/20/03		15.64	29.15	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	05/15/03		14.07	30.72	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	07/31/03		15.21	29.58	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	10/28/03		15.73	29.06	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	02/28/04		13.12	31.67	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	04/16/04		13.92	30.87	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	07/16/04		14.53	30.26	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	11/13/04		14.62	30.17	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	02/04/05		13.74	31.05	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	04/13/05		15.59	29.20	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	08/10/05		14.33	30.46	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	11/05/05		14.98	29.81	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	01/30/06		12.99	31.80	NS	NS	NS	NS	NS	NS	NA	Not Sampled

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GROUND WATER MONITORING DATA

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

Monitoring Well	Date	Top of Riser Elevation (ft)	Depth to Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)	Oxygenates (µg/L)	Comments
MW-7	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
	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
	06/24/99		13.35	28.19	NS	NS	NS	NS	NS	NS	NS	Not sampled
	08/30/99		14.23	27.31	NS	NS	NS	NS	NS	NS	NS	Not sampled
	11/09/99		14.60	26.94	<0.5	<0.5	<0.5	<0.5	<50	16	NA	No free product or sheen
	03/22/00		11.91	29.63	<0.5	<0.5	<0.5	<0.5	<50	18	NA	No free product or sheen
	06/12/00		13.28	28.26	NS	NS	NS	NS	NS	NS	NS	Not sampled
	11/15/00		15.12	26.42	<0.5	<0.5	<0.5	<0.5	<50	17	NA	No free product or sheen
	02/26/01		13.46	28.08	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	05/21/01		14.31	27.23	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	09/05/01		15.42	26.12	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	11/07/01		16.18	25.36	<0.5	<0.5	<0.5	<0.5	<50	5.4	NA	Not Sampled
	02/11/02	43.85	13.76	30.09	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	06/03/02		14.33	29.52	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	08/06/02		15.04	28.81	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	11/14/02		15.05	28.80	<0.5	<0.5	<0.5	<0.5	<0.5	0.64	ND	No free product or sheen
	02/20/03		14.01	29.84	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	05/15/03		13.81	30.04	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	07/31/03		14.99	28.86	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	10/28/03		15.48	28.37	<0.5	<0.5	<0.5	<0.5	<0.5	<50	ND	No free product or sheen
	02/28/04		12.87	30.98	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	04/16/04		13.54	30.31	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	07/16/04		13.96	29.89	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	11/13/04		14.13	29.72	<0.5	<0.5	<0.5	<0.5	<0.5	<50	ND	No free product or sheen
	02/04/05		13.22	30.63	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	04/13/05		12.15	31.70	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	08/10/05		13.69	30.16	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	11/05/05		14.25	29.60	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	01/30/06		12.59	31.26	<0.5	<0.5	<0.5	<0.5	<0.5	<50	ND	No free product or sheen

TABLE 1

GROUND WATER MONITORING DATA

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44 Lewelling Boulevard
San Lorenzo, California

Monitoring Well	Date	Top of Riser Elevation (ft)	Depth to Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)	Oxygenates (µg/L)	Comments
MW-8	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
	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
	06/24/99		14.35	27.91	NS	NS	NS	NS	NS	NS	NS	Not sampled
	08/30/99		15.16	27.10	NS	NS	NS	NS	NS	NS	NS	Not sampled
	11/09/99		15.61	26.65	NS	NS	NS	NS	NS	NS	NS	Not sampled
	03/22/00		13.17	29.09	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
	06/12/00		14.19	28.07	NS	NS	NS	NS	NS	NS	NS	Not sampled
	11/15/00		16.04	26.22	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	02/26/01		12.99	29.27	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	05/21/01		13.86	28.40	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	09/05/01		14.91	27.35	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	11/07/01		15.62	26.64	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	02/11/02	44.85	13.55	31.30	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	06/03/02		13.96	30.89	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	08/06/02		15.82	29.03	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	11/14/02		15.86	28.99	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	02/20/03		14.70	30.15	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	05/15/03		14.50	30.35	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	07/31/03		15.73	29.12	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	10/28/03		16.14	28.71	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	02/28/04		14.02	30.83	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	04/16/04		14.52	30.33	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	07/16/04		14.88	29.97	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	11/13/04		15.12	29.73	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	02/04/05		14.17	30.68	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	04/13/05		13.16	31.69	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	08/10/05		14.41	30.44	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	11/05/05		14.87	29.98	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	01/30/06		13.65	31.20	NS	NS	NS	NS	NS	NS	NA	Not Sampled

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

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

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

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	08/19/98		14.70	28.47	20	<2.5	7.1	15	540	2,100	NA	No free product or sheen
	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
	02/18/99		13.75	29.42	6.7	1.6	3.2	15	180	100	NA	No free product or sheen
	06/24/99		14.96	28.21	<0.5	<0.5	<0.5	<0.5	<50	42	NA	No free product or sheen
	08/30/99		15.75	27.42	<0.5	<0.5	<0.5	<0.5	<50	79	NA	No free product or sheen
	11/09/99		17.45	25.72	<0.5	<0.5	<0.5	<0.5	<50	78	NA	No free product or sheen
	03/22/00		13.51	29.66	1.2	<0.5	<0.5	<0.5	<50	17	NA	No free product or sheen
	06/12/00		13.65	29.52	<0.5	<0.5	<0.5	1.0	<50	40	NA	No free product or sheen
	11/15/00		29.45	13.72	<0.5	<0.5	<0.5	<0.5	<50	290	NA	No free product or sheen
	02/26/01		28.40	14.77	<0.5	<0.5	<0.5	<0.5	<50	360	NA	No free product or sheen
	05/21/01		43.17	27.81	4.1	1.6	1.8	23	100	170	NA	No free product or sheen
	09/05/01		26.90	16.27	33	<0.5	<0.5	<0.5	73	310	NA	No free product or sheen
	11/07/01		28.41	14.76	<0.5	<0.5	<0.5	<0.5	<50	240	NA	No free product or sheen
	02/11/02	45.47	27.61	17.86	<0.5	<0.5	<0.5	<0.5	<50	21	NA	No free product or sheen
	06/03/02		26.90	18.57	<0.5	<0.5	<0.5	<0.5	<50	160	7.7[e]	No free product or sheen
	08/06/02		25.56	19.91	<0.5	<0.5	<0.5	<0.5	<50	190	6.0[e]	No free product or sheen
	11/14/02		24.83	20.64	<0.5	<0.5	<0.5	<0.5	<50	170	ND	No free product or sheen
	02/20/03		23.56	21.91	<0.5	<0.5	<0.5	<0.5	<50	120	ND	No free product or sheen
	05/15/03		22.80	22.67	<0.5	<0.5	<0.5	<0.5	<50	110	ND	No free product or sheen
	07/31/03		21.71	23.76	<0.5	<0.5	<0.5	<0.5	<50	99	ND	No free product or sheen
	10/28/03		22.07	23.40	<0.5	<0.5	<0.5	<0.5	<50	88	ND	No free product or sheen
	02/28/04		19.32	26.15	1.3	<0.5	<0.5	<0.5	<50	52	ND	No free product or sheen
	04/16/04		23.95	21.52	<0.5	<0.5	<0.5	<0.5	<50	57	ND	No free product or sheen
	07/16/04		30.04	15.43	0.72	<0.5	<0.5	<0.5	<50	100	7.2[e]	No free product or sheen
	11/13/04		15.63	29.84	1.0	<0.5	<0.5	<0.5	<50	71	ND	No free product or sheen
	02/04/05		18.57	26.90	<0.5	<0.5	<0.5	<0.5	<50	45	ND	No free product or sheen
	04/13/05		24.21	21.26	1.1	<0.5	<0.5	<0.5	<50	52	12[e]	No free product or sheen
	08/10/05		33.59	11.88	<0.5	<0.5	<0.5	<0.5	<50	29	ND	No free product or sheen
	11/05/05		25.63	19.84	<0.5	<0.5	<0.5	<0.5	<50	27	ND	No free product or sheen
	01/30/06		24.39	21.08	0.61	<0.5	<0.5	1.3	<50	23	ND	No free product or sheen

TABLE 1

GROUND WATER MONITORING DATA

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

Monitoring Well	Date	Top of Riser Elevation (ft)	Depth to Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)	Oxygenates (µg/L)	Comments
RW-2	11/13/04		16.17	NC	<0.5	<0.5	45	70	4,200	29	ND	No free product or sheen
	02/04/05		15.44	NC	<0.5	<0.5	24	24	2,900	41	ND	No free product or sheen
	04/13/05		14.54	NC	<0.5	<0.5	8.6	9.9	1,400	39	ND	No free product or sheen
	08/10/05		15.93	NC	<0.5	<0.5	26	33	2,900	29	ND	No free product or sheen
	11/05/05		16.36	NC	<0.5	<0.5	16	19	2,400	12	ND	No free product or sheen
	01/30/06		14.83	NC	<0.5	<0.5	4.6	5.3	1,200	17	ND	No free product or sheen
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
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(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
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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

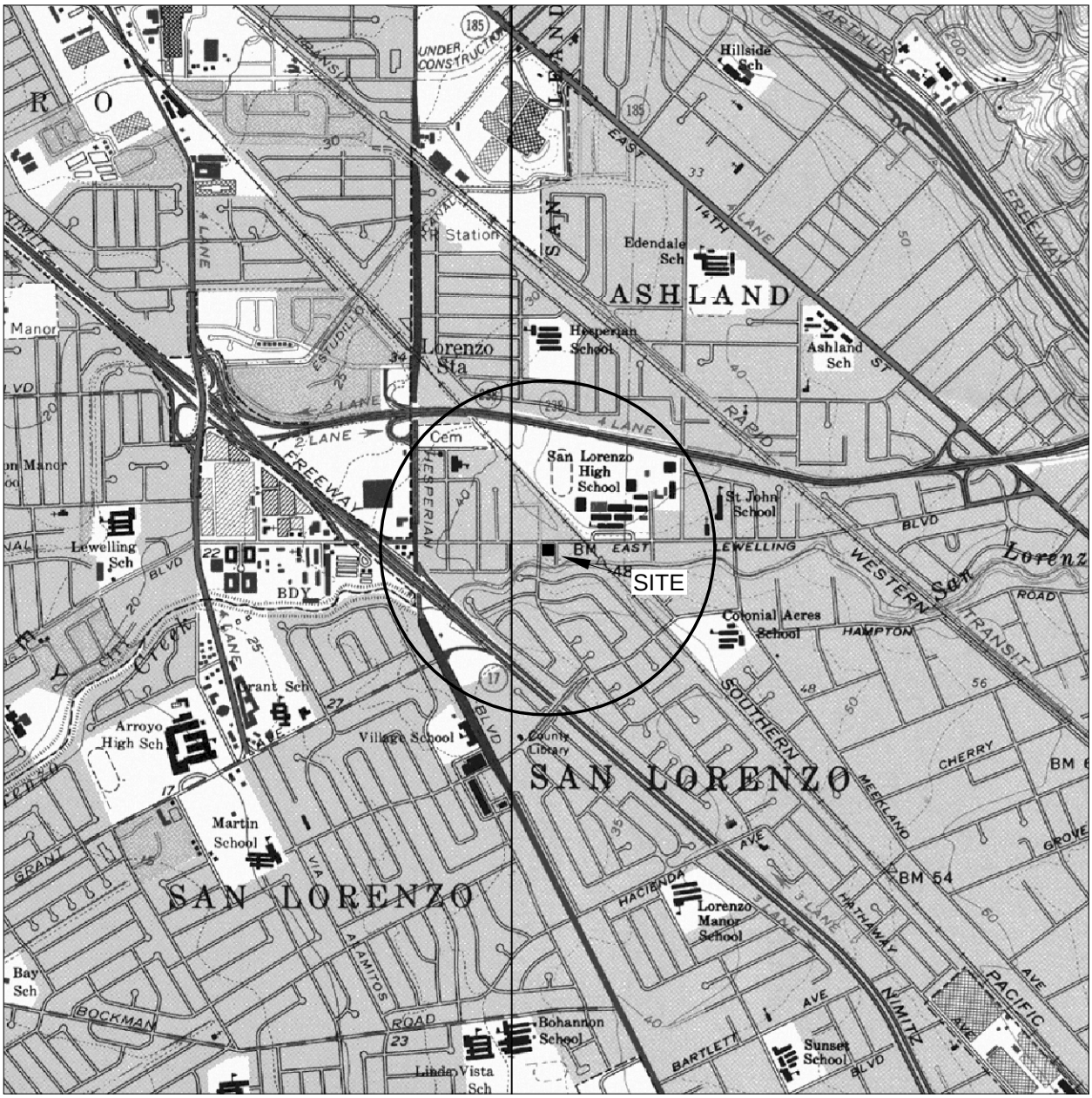
Table 2
Ground Water System Performance Data Sheet
Tesoro Station No. 67107
(Former Beacon Station No. 3721)

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)

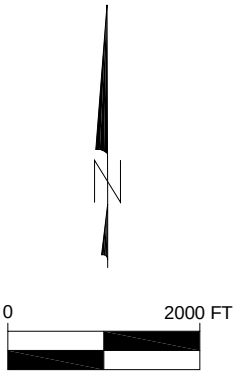
Site Visit (Date)	Totalizer	Change in Totalizer	Sample ID	Concentrations in Micrograms per liter (µg/L)						ppm		pH
				Benzene	Toluene	Ethyl - Benzene	Total Xylenes	TPHg[a]	MTBE[b]	COD[c]	TSS[d]	
12/27/2005	4,949,960	52,982	Influent	<0.5	<0.5	<0.5	<0.5	<50	18	NA	NA	NA
			Dat-Eff	<0.5	<0.5	<0.5	<0.5	<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	7.55
3/6/2006	5,007,534	36	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
3/27/2006	5,030,875	23,341	Influent	1.3	<0.5	<0.5	2.8	<50	24	NA	NA	NA
			Dat-Eff	<0.5	<0.5	<0.5	1.1	<50	19	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	6.7	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	1.6	28	1.8	7.24

* = 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

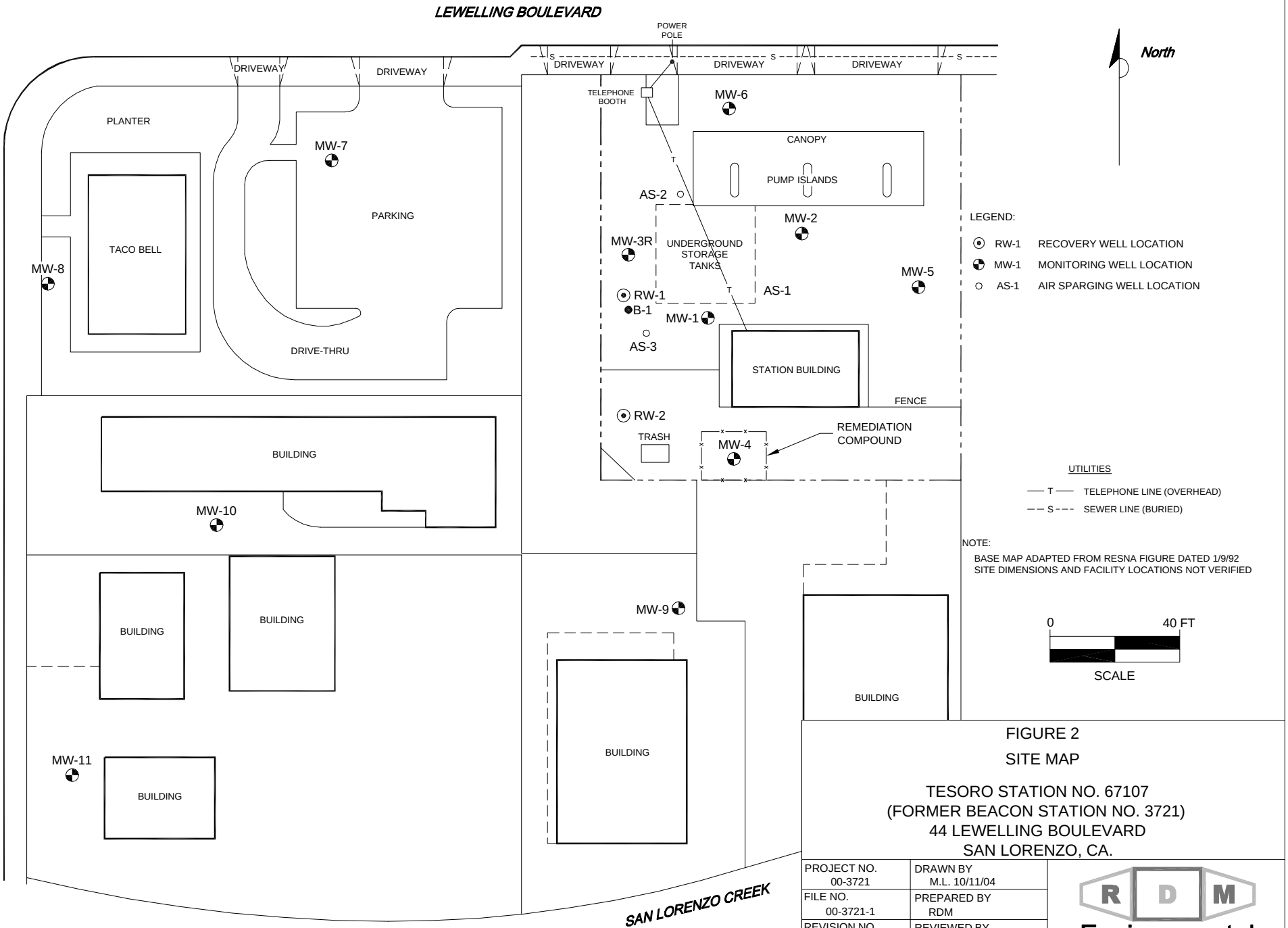


FIGURE 2

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

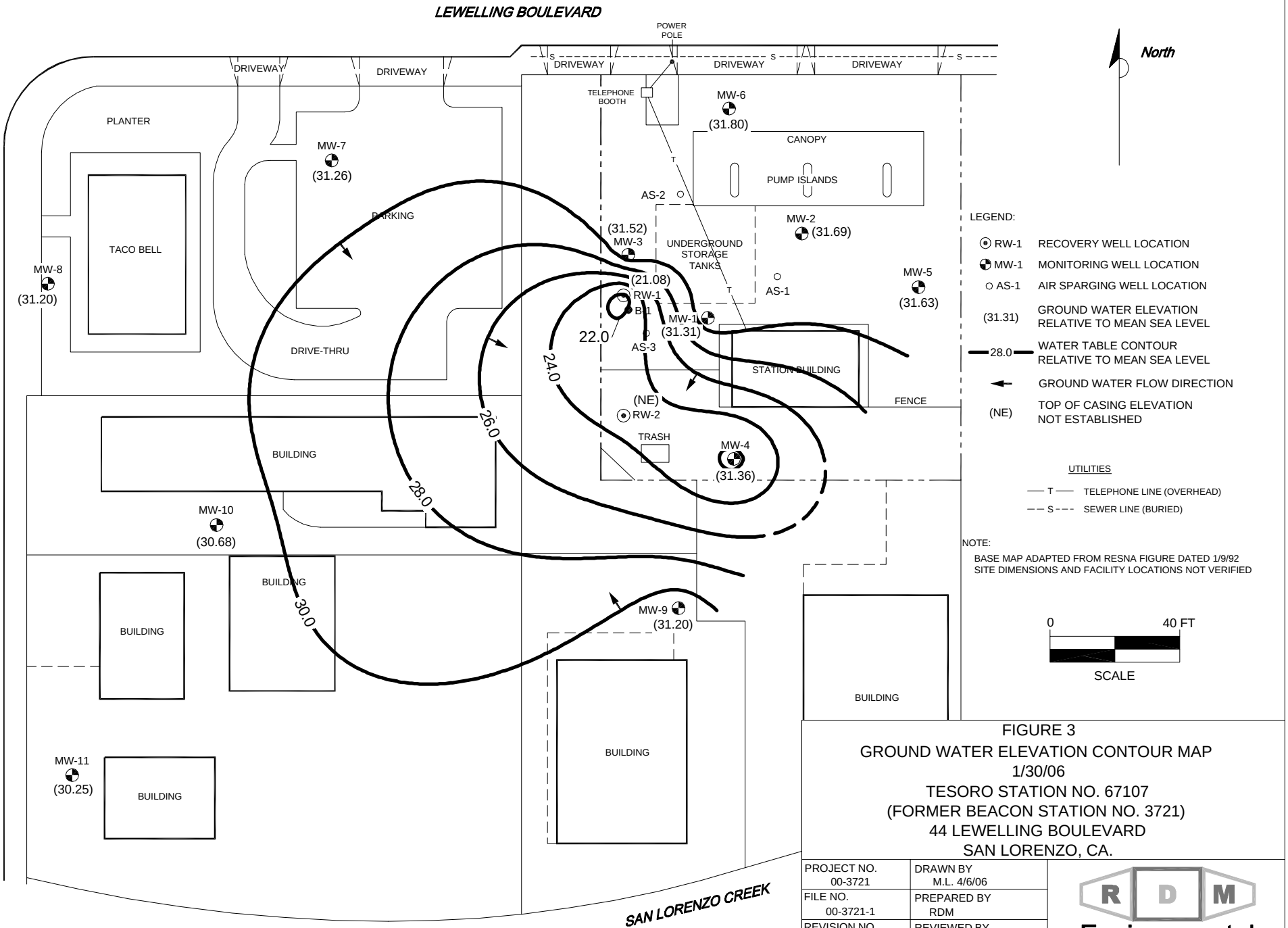


FIGURE 3
GROUND WATER ELEVATION CONTOUR MAP
1/30/06
TESORO STATION NO. 67107
(FORMER BEACON STATION NO. 3721)
44 LEWELLING BOULEVARD
SAN LORENZO, CA.

PROJECT NO. 00-3721	DRAWN BY M.L. 4/6/06
FILE NO. 00-3721-1	PREPARED BY RDM
REVISION NO. 1	REVIEWED BY

R D M Environmental

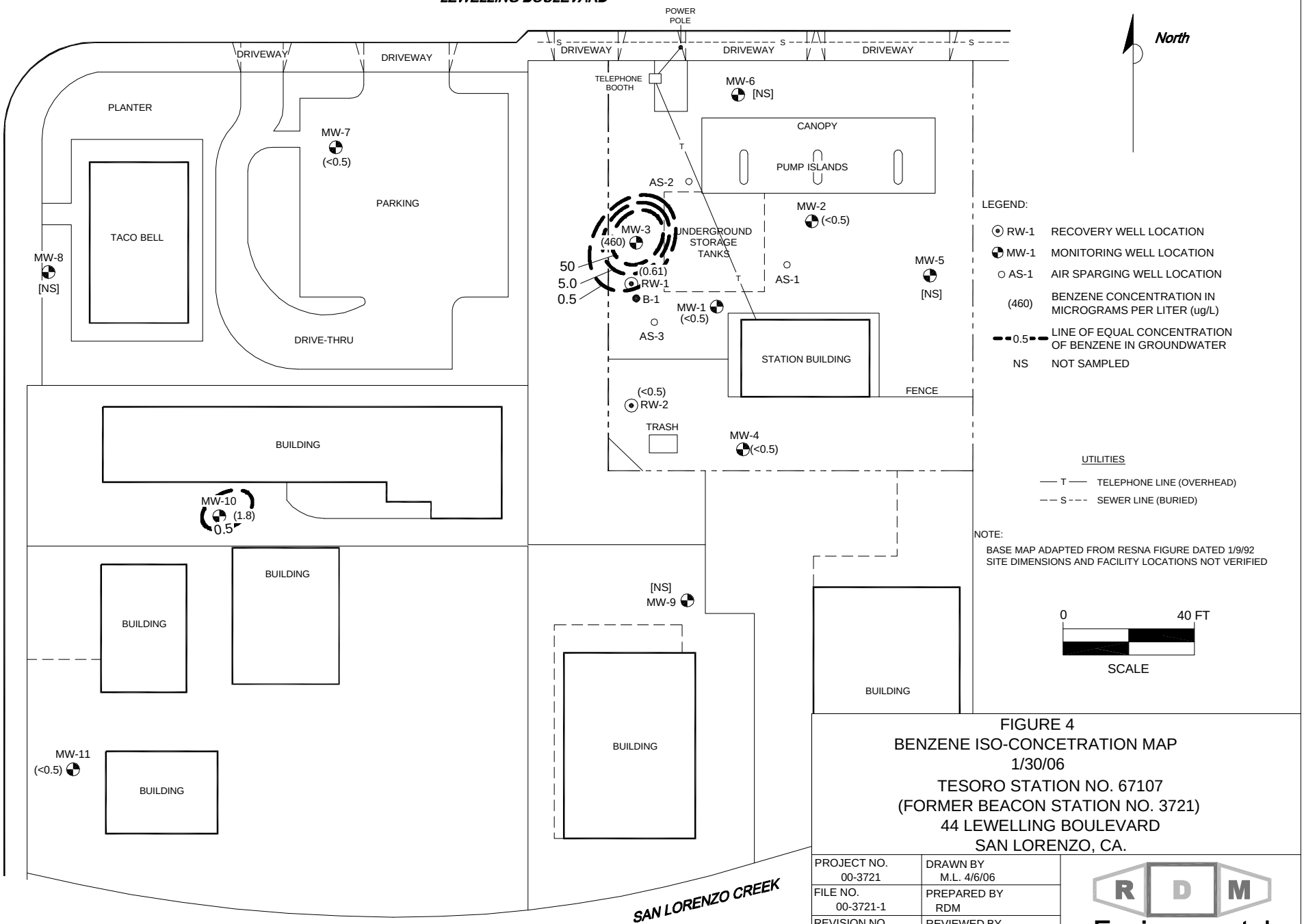


FIGURE 4
BENZENE ISO-CONCETRATION MAP
1/30/06
TESORO STATION NO. 67107
(FORMER BEACON STATION NO. 3721)
44 LEWELLING BOULEVARD
SAN LORENZO, CA.

PROJECT NO. 00-3721	DRAWN BY M.L. 4/6/06
FILE NO. 00-3721-1	PREPARED BY RDM
REVISION NO. 1	REVIEWED BY

RDM Environmental

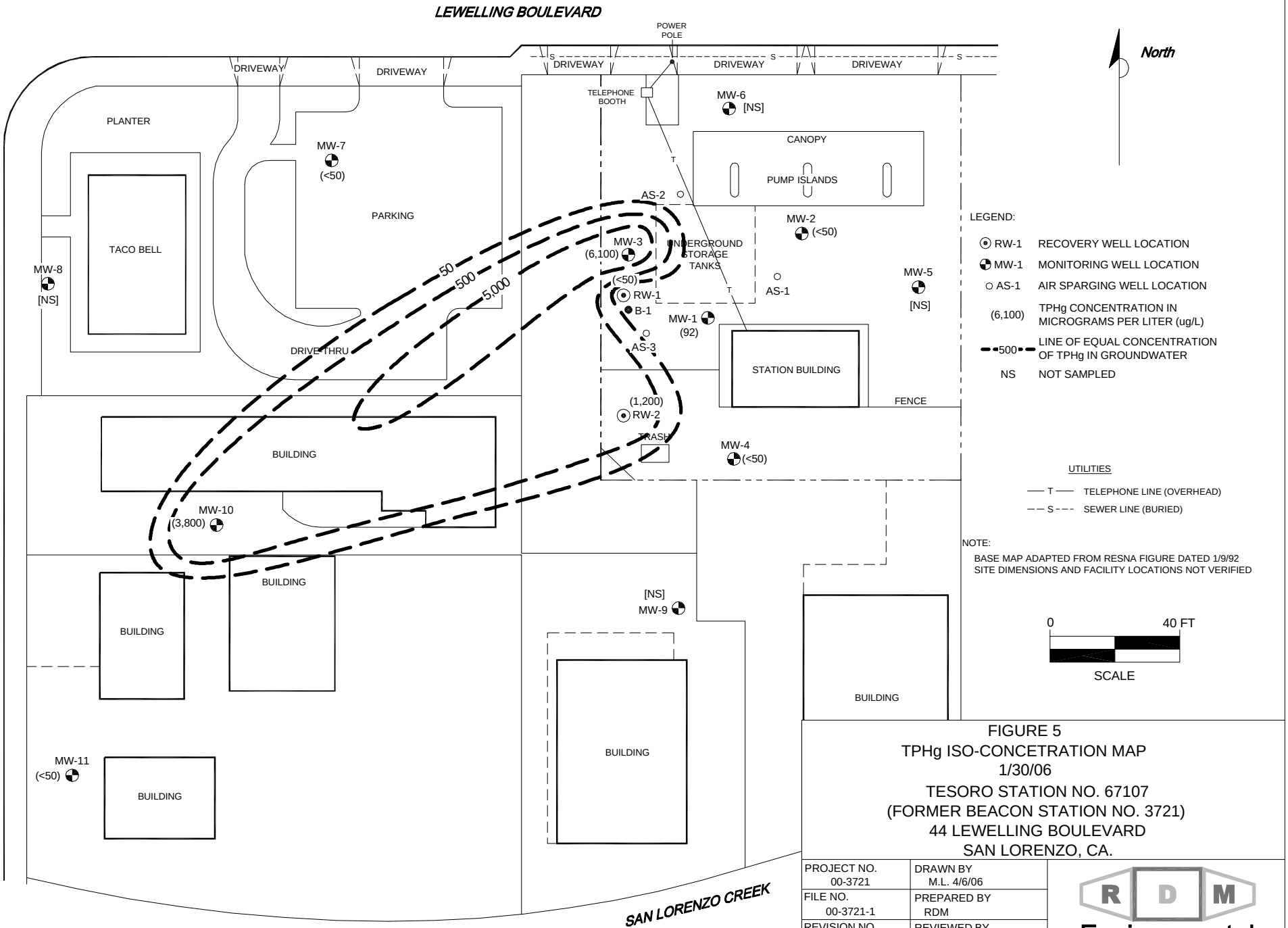


FIGURE 5
TPHg ISO-CONCETRATION MAP
1/30/06
TESORO STATION NO. 67107
(FORMER BEACON STATION NO. 3721)
44 LEWELLING BOULEVARD
SAN LORENZO, CA.

PROJECT NO. 00-3721	DRAWN BY M.L. 4/6/06
FILE NO. 00-3721-1	PREPARED BY RDM
REVISION NO. 1	REVIEWED BY

R D M Environmental

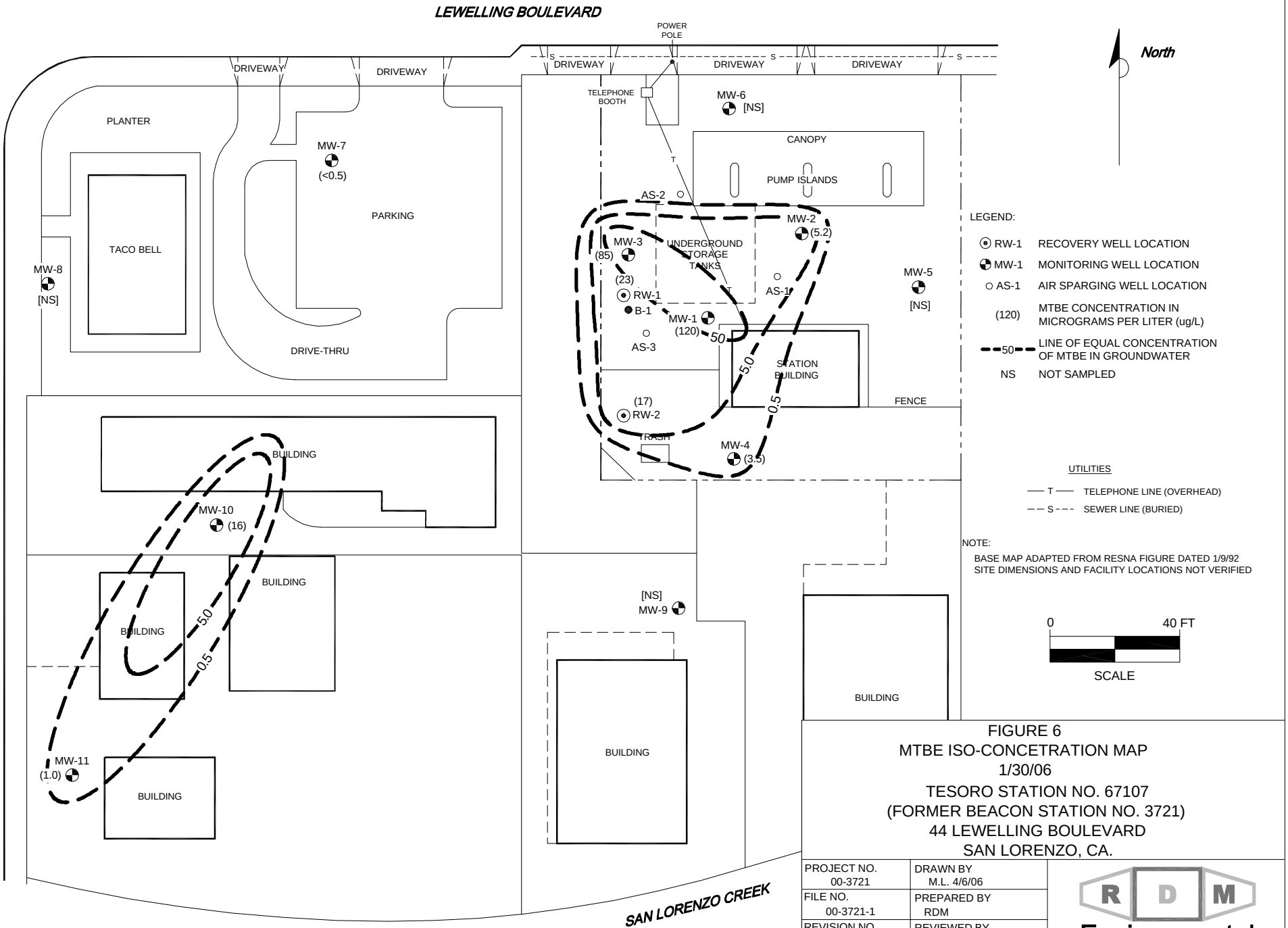


FIGURE 6
MTBE ISO-CONCETRATION MAP
1/30/06
TESORO STATION NO. 67107
(FORMER BEACON STATION NO. 3721)
44 LEWELLING BOULEVARD
SAN LORENZO, CA.

PROJECT NO. 00-3721	DRAWN BY M.L. 4/6/06
FILE NO. 00-3721-1	PREPARED BY RDM
REVISION NO. 1	REVIEWED BY

R D M Environmental

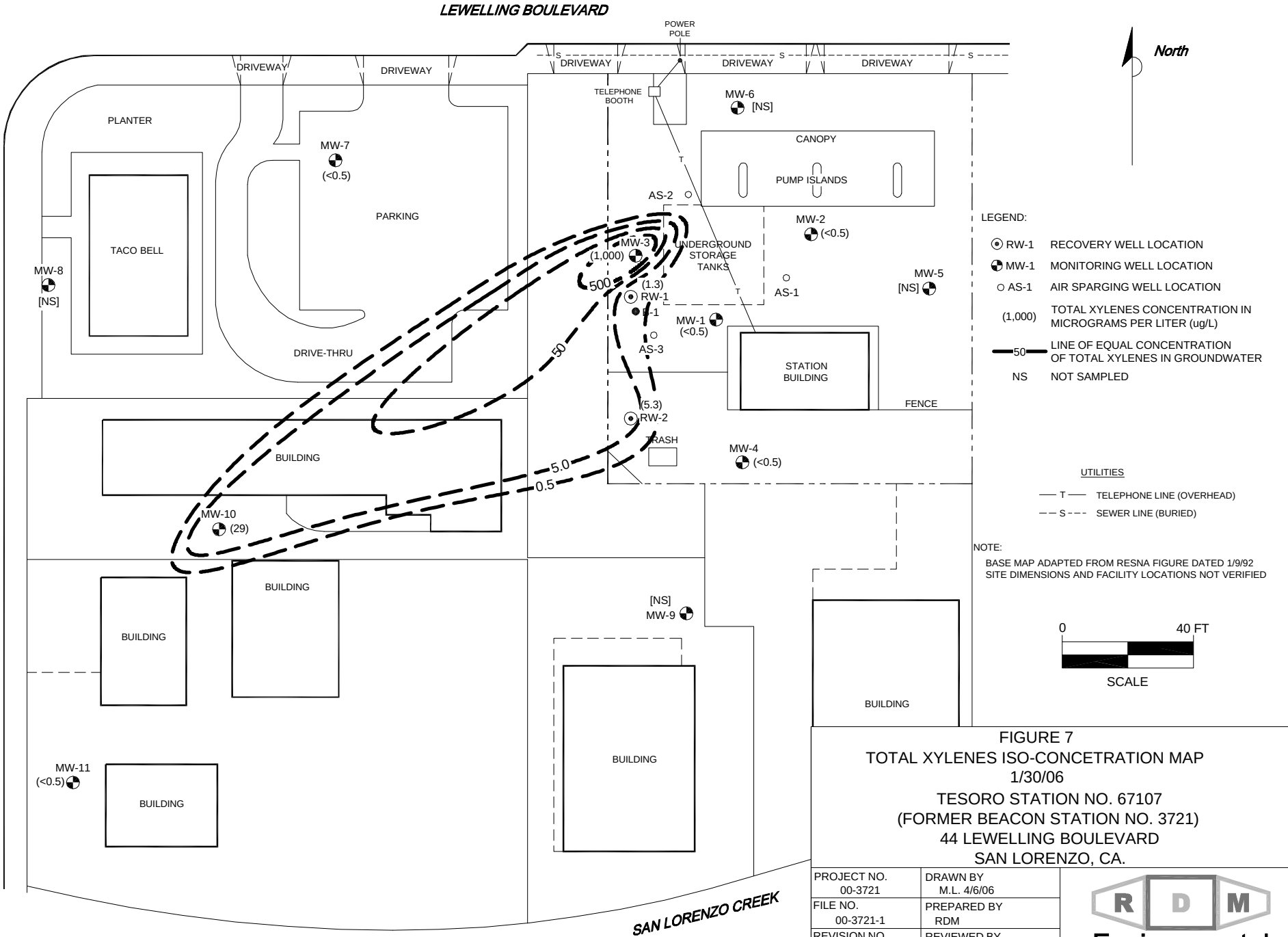
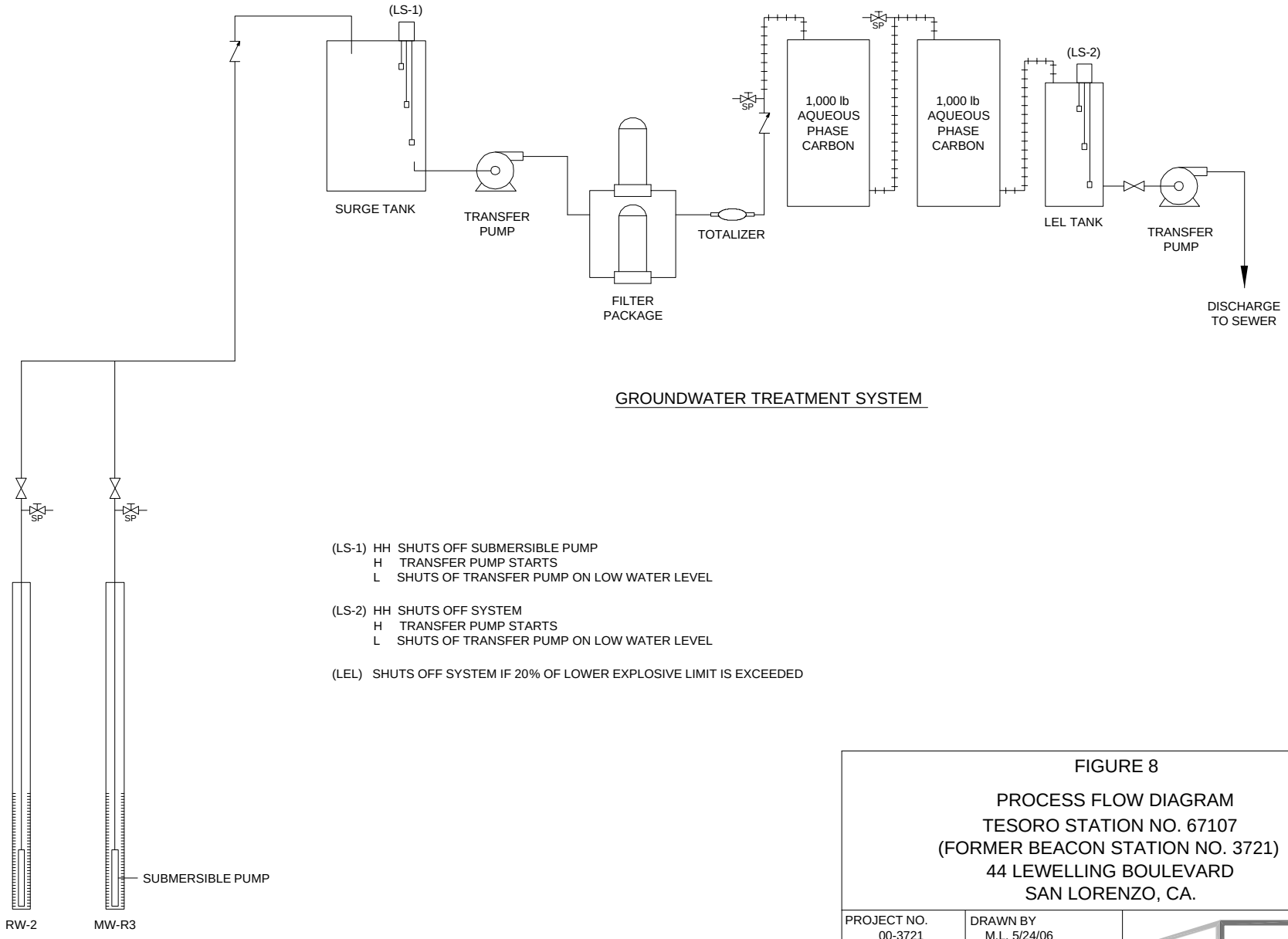


FIGURE 7
TOTAL XYLENES ISO-CONCETRATION MAP
1/30/06
TESORO STATION NO. 67107
(FORMER BEACON STATION NO. 3721)
44 LEWELLING BOULEVARD
SAN LORENZO, CA.

PROJECT NO. 00-3721	DRAWN BY M.L. 4/6/06
FILE NO. 00-3721-1	PREPARED BY RDM
REVISION NO. 1	REVIEWED BY

RDM Environmental



GROUNDWATER TREATMENT SYSTEM

(LS-1) HH SHUTS OFF SUBMERSIBLE PUMP
H TRANSFER PUMP STARTS
L SHUTS OF TRANSFER PUMP ON LOW WATER LEVEL

(LS-2) HH SHUTS OFF SYSTEM
H TRANSFER PUMP STARTS
L SHUTS OF TRANSFER PUMP ON LOW WATER LEVEL

(LEL) SHUTS OFF SYSTEM IF 20% OF LOWER EXPLOSIVE LIMIT IS EXCEEDED

FIGURE 8

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

PROJECT NO. 00-3721	DRAWN BY M.L. 5/24/06
FILE NO. 3721-PFD	PREPARED BY RDM
REVISION NO. 1	REVIEWED BY MGL

R D M Environmental

Appendix A

Ground Water Sampling Data Sheets –
Quarterly Ground Water Samples

RDM ENVIRONMENTAL

GROUND WATER LEVEL DATA

Project Address: Tesoro Station 67107
44 Lewelling Boulevard

Date: 1/30/2006

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	5	0951	14.67	33.64			
MW-2	3	0943	13.54	34.35			
MW-3R	9	1004	13.69	30.00			
MW-4	6	0955	15.62	24.45			
MW-5		1014	14.49	19.30			
MW-6		1012	12.99	28.43			Need new cap and lock
MW-7	1	0938	12.59	24.17			
MW-8		1007	13.65	22.99			
MW-9		1010	16.06	23.57			
MW-10	8	1000	13.97	29.40			
MW-11	2	0940	17.11	29.34			
RW-1	4	0948	24.39	34.10			
RW-2	7	0957	14.83	30.00			

Client:	Tesoro	Sample Data:	1/30/2006
Site:	Tesor Station 67107	Project Number:	02-67107
	44 Lewelling Blvd, San Lorenzo, CA	**Well Designation:**	MW-1
Signature:			

Well Box Condition/Traffic

Traffic Control	(Yes) No	Time:	0951 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	POMECO

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	9.11
Time:	0951	Time:		Actual Purge	10.0
Depth of Well	33.64	Depth to Water			
Depth to Water	14.67				

Sample

Start Purge 1148 Sample Time 1157

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
1149	70.5	582	6.98					1
1152	70.9	635	6.95					2
1154	71.1	645	6.95					3

Sample Appearance CLEAR Lock ON

Equipment Replacement

Lock ON Well Cap ON Bolts ON Box ON

Remarks:

RDM ENVIRONMENTAL SAMPLE INFORMATION SHEET

Client:	Tesoro	Sample Data:	1/30/2006
Site:	Tesor Station 67107	Project Number:	02-67107
	44 Lewelling Blvd, San Lorenzo, CA	**Well Designation:**	MW-2
Signature:			

Well Box Condition/Traffic

Traffic Control	(Yes) No	Time:	0943 hours
Standing water	Yes (No)	above or below casing	
Top of well level	Yes (No)	Remark:	
Well cap & locked	(Yes) No	Remark:	
Height of Riser	6"		
Well Box 8" 12" (24")		Type of well box	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	9.99
Time:	0943	Time:		Actual Purge	10.25
Depth of Well	34.35	Depth to Water			
Depth to Water	13.57				

Sample

Start Purge 1119 Sample Time 1130

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
1122	71.7	519	6.96					1
1125	72.0	555	6.88					2
1127	72.0	569	6.88					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:	1/30/2006
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:	1457 hours
Standing water	Yes (No)	above or below casing	
Top of well level	(Yes) No	Remark:	
Well cap & locked	Yes (No)	Remark:	missing lock
Height of Riser	0		
Well Box (8) 12" 24"	Type of well box	Brunard Kilmen	

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	71.63
Time:	1004	Time:		Actual Purge	72.0
Depth of Well	30.00	Depth to Water			
Depth to Water	13.69				

Sample

Start Purge 1515 Sample Time 1601

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
1528	71.5	772	6.80					1
1544	71.5	830	6.96					2
1557	71.8	847	6.91					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:	1/30/2006
Site:	Tesor Station 67107	Project Number:	02-67107
	44 Lewelling Blvd, San Lorenzo, CA	**Well Designation:**	MW-4
Signature:			

Well Box Condition/Traffic

Traffic Control	Yes (No)	Time:	1305 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	Divers Fixed Well Products.

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	4.23
Time:	0955	Time:		Actual Purge	5.00
Depth of Well	24.45	Depth to Water			
Depth to Water	15.62				

Sample

Start Purge 1312 Sample Time 1321

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
1314	69.7	641	7.23					1
1316	70.7	647	7.23					2
1318	70.8	642	7.23					3

Sample Appearance: Clear Lock: ok

Equipment Replacement

Lock: ok Well Cap: ok Bolts: 2 Box: Broken Lid

Remarks:

RDM ENVIRONMENTAL SAMPLE INFORMATION SHEET

Client:	Tesoro	Sample Data:	1/30/2006
Site:	Tesor Station 67107	Project Number:	02-67107
	44 Lewelling Blvd, San Lorenzo, CA	**Well Designation:**	MW-7
Signature:			

Well Box Condition/Traffic

Traffic Control	(Yes) No	Time:	0938 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	Diversified Well Products

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	5.56
Time:	0938	Time:		Actual Purge	6.0
Depth of Well	24.17	Depth to Water			
Depth to Water	12.59				

Sample

Start Purge 1029 Sample Time 1041

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
1032	74.0	899	6.68					1
1034	74.2	872	6.70					2
1037	74.8	849	6.75					3

Sample Appearance CLEAR Lock OK

Equipment Replacement

Lock	OK	Well Cap	OK	Bolts	OK	Box	OK

Remarks:

Client:	Tesoro	Sample Data:	1/30/2006
Site:	Tesor Station 67107	Project Number:	02-67107
	44 Lewelling Blvd, San Lorenzo, CA	**Well Designation:**	MW 10
Signature:	DH		

Well Box Condition/Traffic

Traffic Control	(Yes) No	Time:	1435 hours
Standing water	Yes (No)	above or below casing	
Top of well level	Yes (No)	Remark:	
Well cap & locked	(Yes) No	Remark:	
Height of Riser	1"		
Well Box	(8") 12" 24"	Type of well box	Brainard Kilman

Purging/Sampling Equipment

Purging -

2" Disposable Bailer		Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	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	7.40
Time:	1000	Time:		Actual Purge	12.5
Depth of Well	29.40	Depth to Water			
Depth to Water	13.97				

Sample

Start Purge 1439 Sample Time 1450

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
1442	66.1	566	6.94					1
1444	67.4	722	6.84					2
1445	68.2	742	6.80					3
1446	68.5	805	6.74					4
1447	68.6	809	6.78					5

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:	1/30/2006
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:	0940 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	3"		
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	5.87
Time:	0940	Time:		Actual Purge	7.0
Depth of Well	29.34	Depth to Water			
Depth to Water	17.11				

Sample

Start Purge 1055 Sample Time 1105

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
1057	69.1	786	6.91					1
1059	69.4	792	6.83					2
1102	69.5	779	6.80					3

Sample Appearance CLEAR Lock OK

Equipment Replacement

Lock	OK	Well Cap	OK	Bolts	-3	Box	1 Bolt sheared in threads

Remarks:

Client:	Tesoro	Sample Data:	1/30/2006
Site:	Tesor Station 67107	Project Number:	02-67107
	44 Lewelling Blvd, San Lorenzo, CA	**Well Designation:**	RW-1
Signature:			

Well Box Condition/Traffic

Traffic Control	Yes (No)	Time:	0948 hours
Standing water	Yes (No)	above or below casing	
Top of well level	(Yes) No	Remark:	
Well cap & locked	Yes (No)	Remark:	Active Recovery Well
Height of Riser	8		
Well Box 8" 12" (24")		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 - Influent Sample Port

Disposable Bailer		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	42.82
Time:	0948	Time:		Actual Purge	N/A
Depth of Well	34.10	Depth to Water			
Depth to Water	24.39				

Sample

Start Purge	N/A	Sample Time	1140

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume

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:	1/30/2006
Site:	Tesor Station 67107	Project Number:	02-67107
	44 Lewelling Blvd, San Lorenzo, CA	**Well Designation:**	RW-2
Signature:			

Well Box Condition/Traffic

Traffic Control	(Yes) No	Time:	1330 hours
Standing water	Yes (No)	above or below casing	
Top of well level	(Yes) No	Remark:	
Well cap & locked	Yes (No)	Remark:	Missing lock
Height of Riser	0		
Well Box	(8) 12" 24"	Type of well box	Morrison Debuque

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	66.50
Time:	0957	Time:		Actual Purge	65.0
Depth of Well	30.00	Depth to Water			
Depth to Water	14.43				

Sample

Start Purge 1335 Sample Time 1425

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
1351	69.2	736	7.08					1
1409	69.2	711	7.17					2
1420	69.0	709	7.16					3

Sample Appearance Clear Lock -1

Equipment Replacement

Lock	-1	Well Cap	ok	Bolts	ok	Box	ok

Remarks:

Appendix B

Official Laboratory Analytical Results –
Quarterly Ground Water Samples

KIFF Analytical LLC

Report Number : 48174
Date : 2/7/2006

Richard Munsch
RDM Environmental
6280 Brookshire Drive
Rocklin, CA 95677

Subject : 9 Water Samples
Project Name : 67107
Project Number : 67107

Dear Mr. Munsch,

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

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

Sincerely,

Joel Kiff

KIFF Analytical LLC

Report Number : 48174

Date : 2/7/2006

Project Name : **67107**

Project Number : **67107**

Sample : **MW-1** Matrix : Water Lab Number : 48174-01

Sample Date :1/30/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	2/3/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	2/3/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	2/3/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	2/3/2006
Methyl-t-butyl ether (MTBE)	**120**	0.50	ug/L	EPA 8260B	2/3/2006
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	2/3/2006
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	2/3/2006
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	2/3/2006
Tert-Butanol	**20**	5.0	ug/L	EPA 8260B	2/3/2006
TPH as Gasoline	**92**	50	ug/L	EPA 8260B	2/3/2006
Toluene - d8 (Surr)	95.5		% Recovery	EPA 8260B	2/3/2006
4-Bromofluorobenzene (Surr)	101		% Recovery	EPA 8260B	2/3/2006

Approved By: Joel Kiff

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

KIFF Analytical LLC

Report Number : 48174

Date : 2/7/2006

Project Name : **67107**

Project Number : **67107**

Sample : **MW-2** Matrix : Water Lab Number : 48174-02

Sample Date :1/30/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	2/2/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	2/2/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	2/2/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	2/2/2006
Methyl-t-butyl ether (MTBE)	**5.2**	0.50	ug/L	EPA 8260B	2/2/2006
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	2/2/2006
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	2/2/2006
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	2/2/2006
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	2/2/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	2/2/2006
Toluene - d8 (Surr)	99.2		% Recovery	EPA 8260B	2/2/2006
4-Bromofluorobenzene (Surr)	100		% Recovery	EPA 8260B	2/2/2006

Approved By: Joel Kiff

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

KIFF Analytical LLC

Report Number : 48174

Date : 2/7/2006

Project Name : **67107**

Project Number : **67107**

Sample : **MW-3R** Matrix : Water Lab Number : 48174-03

Sample Date :1/30/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**460**	1.5	ug/L	EPA 8260B	2/2/2006
Toluene	**20**	1.5	ug/L	EPA 8260B	2/2/2006
Ethylbenzene	**470**	1.5	ug/L	EPA 8260B	2/2/2006
Total Xylenes	**1000**	2.5	ug/L	EPA 8260B	2/3/2006
Methyl-t-butyl ether (MTBE)	**85**	1.5	ug/L	EPA 8260B	2/2/2006
Diisopropyl ether (DIPE)	**< 1.5**	1.5	ug/L	EPA 8260B	2/2/2006
Ethyl-t-butyl ether (ETBE)	**< 1.5**	1.5	ug/L	EPA 8260B	2/2/2006
Tert-amyl methyl ether (TAME)	**< 1.5**	1.5	ug/L	EPA 8260B	2/2/2006
Tert-Butanol	**190**	7.0	ug/L	EPA 8260B	2/2/2006
TPH as Gasoline	**6100**	150	ug/L	EPA 8260B	2/2/2006
Toluene - d8 (Surr)	105		% Recovery	EPA 8260B	2/2/2006
4-Bromofluorobenzene (Surr)	100		% Recovery	EPA 8260B	2/2/2006

Approved By: Joel Kiff

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KIFF Analytical LLC

Report Number : 48174
Date : 2/7/2006

Project Name : **67107**
Project Number : **67107**

Sample : **MW-4** Matrix : Water Lab Number : 48174-04

Sample Date :1/30/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	2/3/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	2/3/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	2/3/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	2/3/2006
Methyl-t-butyl ether (MTBE)	**3.5**	0.50	ug/L	EPA 8260B	2/3/2006
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	2/3/2006
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	2/3/2006
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	2/3/2006
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	2/3/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	2/3/2006
Toluene - d8 (Surr)	96.6		% Recovery	EPA 8260B	2/3/2006
4-Bromofluorobenzene (Surr)	117		% Recovery	EPA 8260B	2/3/2006

Approved By: Joel Kiff

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

KIFF Analytical LLC

Report Number : 48174

Date : 2/7/2006

Project Name : **67107**

Project Number : **67107**

Sample : **MW-7** Matrix : Water Lab Number : 48174-05

Sample Date :1/30/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	2/3/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	2/3/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	2/3/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	2/3/2006
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	2/3/2006
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	2/3/2006
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	2/3/2006
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	2/3/2006
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	2/3/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	2/3/2006
Toluene - d8 (Surr)	98.0		% Recovery	EPA 8260B	2/3/2006
4-Bromofluorobenzene (Surr)	116		% Recovery	EPA 8260B	2/3/2006

Approved By: Joel Kiff

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

KIFF Analytical LLC

Report Number : 48174

Date : 2/7/2006

Project Name : **67107**

Project Number : **67107**

Sample : **MW-10** Matrix : Water Lab Number : 48174-06

Sample Date :1/30/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**1.8**	0.50	ug/L	EPA 8260B	2/3/2006
Toluene	**3.9**	0.50	ug/L	EPA 8260B	2/3/2006
Ethylbenzene	**61**	0.50	ug/L	EPA 8260B	2/3/2006
Total Xylenes	**29**	0.50	ug/L	EPA 8260B	2/3/2006
Methyl-t-butyl ether (MTBE)	**16**	0.50	ug/L	EPA 8260B	2/3/2006
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	2/3/2006
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	2/3/2006
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	2/3/2006
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	2/3/2006
TPH as Gasoline	**3800**	50	ug/L	EPA 8260B	2/3/2006
Toluene - d8 (Surr)	97.2		% Recovery	EPA 8260B	2/3/2006
4-Bromofluorobenzene (Surr)	99.3		% Recovery	EPA 8260B	2/3/2006

Approved By: Joel Kiff

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

KIFF Analytical LLC

Report Number : 48174
Date : 2/7/2006

Project Name : **67107**
Project Number : **67107**

Sample : **MW-11** Matrix : Water Lab Number : 48174-07

Sample Date :1/30/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	2/3/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	2/3/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	2/3/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	2/3/2006
Methyl-t-butyl ether (MTBE)	**1.0**	0.50	ug/L	EPA 8260B	2/3/2006
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	2/3/2006
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	2/3/2006
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	2/3/2006
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	2/3/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	2/3/2006
Toluene - d8 (Surr)	97.5		% Recovery	EPA 8260B	2/3/2006
4-Bromofluorobenzene (Surr)	116		% Recovery	EPA 8260B	2/3/2006

Approved By: Joel Kiff

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KIFF Analytical LLC

Report Number : 48174
Date : 2/7/2006

Project Name : **67107**
Project Number : **67107**

Sample : **RW-1** Matrix : Water Lab Number : 48174-08

Sample Date :1/30/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**0.61**	0.50	ug/L	EPA 8260B	2/3/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	2/3/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	2/3/2006
Total Xylenes	**1.3**	0.50	ug/L	EPA 8260B	2/3/2006
Methyl-t-butyl ether (MTBE)	**23**	0.50	ug/L	EPA 8260B	2/3/2006
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	2/3/2006
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	2/3/2006
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	2/3/2006
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	2/3/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	2/3/2006
Toluene - d8 (Surr)	98.1		% Recovery	EPA 8260B	2/3/2006
4-Bromofluorobenzene (Surr)	116		% Recovery	EPA 8260B	2/3/2006

Approved By: Joel Kiff

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KIFF Analytical LLC

Report Number : 48174

Date : 2/7/2006

Project Name : **67107**

Project Number : **67107**

Sample : **RW-2** Matrix : Water Lab Number : 48174-09

Sample Date :1/30/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	2/3/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	2/3/2006
Ethylbenzene	**4.6**	0.50	ug/L	EPA 8260B	2/3/2006
Total Xylenes	**5.3**	0.50	ug/L	EPA 8260B	2/3/2006
Methyl-t-butyl ether (MTBE)	**17**	0.50	ug/L	EPA 8260B	2/3/2006
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	2/3/2006
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	2/3/2006
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	2/3/2006
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	2/3/2006
TPH as Gasoline	**1200**	50	ug/L	EPA 8260B	2/3/2006
Toluene - d8 (Surr)	97.4		% Recovery	EPA 8260B	2/3/2006
4-Bromofluorobenzene (Surr)	117		% Recovery	EPA 8260B	2/3/2006

Approved By: Joel Kiff

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

Report Number : 48174

Date : 2/7/2006

QC Report : Method Blank Data

Project Name : **67107**

Project Number : **67107**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	2/2/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	2/2/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	2/2/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	2/2/2006
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	2/2/2006
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	2/2/2006
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	2/2/2006
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	2/2/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	2/2/2006
Toluene - d8 (Surr)	101		%	EPA 8260B	2/2/2006
4-Bromofluorobenzene (Surr)	91.9		%	EPA 8260B	2/2/2006
Benzene	< 0.50	0.50	ug/L	EPA 8260B	2/2/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	2/2/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	2/2/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	2/2/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	2/2/2006
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	2/2/2006
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	2/2/2006
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	2/2/2006
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	2/2/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	2/2/2006
Toluene - d8 (Surr)	95.6		%	EPA 8260B	2/2/2006
4-Bromofluorobenzene (Surr)	103		%	EPA 8260B	2/2/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	2/2/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	2/2/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	2/2/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	2/2/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	2/2/2006
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	2/2/2006
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	2/2/2006
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	2/2/2006
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	2/2/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	2/2/2006
Toluene - d8 (Surr)	102		%	EPA 8260B	2/2/2006
4-Bromofluorobenzene (Surr)	99.5		%	EPA 8260B	2/2/2006
Benzene	< 0.50	0.50	ug/L	EPA 8260B	2/3/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	2/3/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	2/3/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	2/3/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	2/3/2006
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	2/3/2006
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	2/3/2006
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	2/3/2006
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	2/3/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	2/3/2006
Toluene - d8 (Surr)	97.4		%	EPA 8260B	2/3/2006
4-Bromofluorobenzene (Surr)	117		%	EPA 8260B	2/3/2006

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

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

Report Number : 48174

Date : 2/7/2006

QC Report : Method Blank Data

Project Name : **67107**

Project Number : **67107**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	2/2/2006
Benzene	< 0.50	0.50	ug/L	EPA 8260B	2/3/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	2/3/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	2/3/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	2/3/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	2/3/2006
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	2/3/2006
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	2/3/2006
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	2/3/2006
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	2/3/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	2/3/2006
Toluene - d8 (Surr)	97.7		%	EPA 8260B	2/3/2006
4-Bromofluorobenzene (Surr)	102		%	EPA 8260B	2/3/2006

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

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

Report Number : 48174

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 2/7/2006

Project Name : **67107**

Project Number : **67107**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Benzene	48191-04	5.2	39.8	39.5	51.5	50.2	ug/L	EPA 8260B	2/2/06	116	114	2.27	70-130	25
Toluene	48191-04	5.5	39.8	39.5	48.5	47.0	ug/L	EPA 8260B	2/2/06	108	105	2.77	70-130	25
Tert-Butanol	48191-04	150	199	198	362	366	ug/L	EPA 8260B	2/2/06	107	110	2.54	70-130	25
Methyl-t-Butyl Ether	48191-04	44	39.8	39.5	83.8	82.0	ug/L	EPA 8260B	2/2/06	98.7	94.8	4.07	70-130	25
Benzene	48173-08	<0.50	40.0	40.0	39.2	38.1	ug/L	EPA 8260B	2/2/06	98.1	95.2	3.02	70-130	25
Toluene	48173-08	<0.50	40.0	40.0	37.5	36.3	ug/L	EPA 8260B	2/2/06	93.7	90.7	3.24	70-130	25
Tert-Butanol	48173-08	<5.0	200	200	188	188	ug/L	EPA 8260B	2/2/06	93.9	94.2	0.296	70-130	25
Methyl-t-Butyl Ether	48173-08	<0.50	40.0	40.0	40.4	40.0	ug/L	EPA 8260B	2/2/06	101	100	1.05	70-130	25
Benzene	48174-02	<0.50	40.0	40.0	39.4	37.9	ug/L	EPA 8260B	2/2/06	98.6	94.8	3.98	70-130	25
Toluene	48174-02	<0.50	40.0	40.0	39.5	37.8	ug/L	EPA 8260B	2/2/06	98.7	94.6	4.23	70-130	25
Tert-Butanol	48174-02	<5.0	200	200	201	204	ug/L	EPA 8260B	2/2/06	100	102	1.80	70-130	25
Methyl-t-Butyl Ether	48174-02	5.2	40.0	40.0	48.0	46.6	ug/L	EPA 8260B	2/2/06	107	103	3.45	70-130	25
Benzene	48196-08	<0.50	40.0	40.0	41.8	40.4	ug/L	EPA 8260B	2/3/06	105	101	3.39	70-130	25
Toluene	48196-08	<0.50	40.0	40.0	40.7	39.2	ug/L	EPA 8260B	2/3/06	102	97.9	3.91	70-130	25
Tert-Butanol	48196-08	<5.0	200	200	211	211	ug/L	EPA 8260B	2/3/06	105	106	0.0462	70-130	25
Methyl-t-Butyl Ether	48196-08	<0.50	40.0	40.0	35.1	35.0	ug/L	EPA 8260B	2/3/06	87.8	87.5	0.358	70-130	25
Benzene	48165-07	<0.50	40.0	40.0	39.2	38.6	ug/L	EPA 8260B	2/2/06	98.1	96.5	1.59	70-130	25
Toluene	48165-07	<0.50	40.0	40.0	38.6	38.3	ug/L	EPA 8260B	2/2/06	96.6	95.8	0.847	70-130	25

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

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

Report Number : 48174

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 2/7/2006

Project Name : **67107**

Project Number : **67107**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Tert-Butanol	48165-07	<5.0	200	200	194	192	ug/L	EPA 8260B	2/2/06	97.2	96.2	1.04	70-130	25
Methyl-t-Butyl Ether	48165-07	<0.50	40.0	40.0	41.9	41.3	ug/L	EPA 8260B	2/2/06	105	103	1.39	70-130	25
Benzene	48197-02	<0.50	40.0	40.0	39.6	39.1	ug/L	EPA 8260B	2/3/06	98.9	97.7	1.18	70-130	25
Toluene	48197-02	<0.50	40.0	40.0	40.1	39.5	ug/L	EPA 8260B	2/3/06	100	98.8	1.31	70-130	25
Tert-Butanol	48197-02	<5.0	200	200	198	190	ug/L	EPA 8260B	2/3/06	99.2	95.2	4.18	70-130	25
Methyl-t-Butyl Ether	48197-02	<0.50	40.0	40.0	42.1	41.4	ug/L	EPA 8260B	2/3/06	105	104	1.57	70-130	25

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

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

Report Number : 48174

QC Report : Laboratory Control Sample (LCS)

Date : 2/7/2006

Project Name : **67107**

Project Number : **67107**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	40.0	ug/L	EPA 8260B	2/2/06	118	70-130
Toluene	40.0	ug/L	EPA 8260B	2/2/06	110	70-130
Tert-Butanol	200	ug/L	EPA 8260B	2/2/06	105	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	2/2/06	99.4	70-130
Benzene	40.0	ug/L	EPA 8260B	2/2/06	89.8	70-130
Toluene	40.0	ug/L	EPA 8260B	2/2/06	89.1	70-130
Tert-Butanol	200	ug/L	EPA 8260B	2/2/06	86.9	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	2/2/06	97.7	70-130
Benzene	40.0	ug/L	EPA 8260B	2/2/06	93.6	70-130
Toluene	40.0	ug/L	EPA 8260B	2/2/06	97.1	70-130
Tert-Butanol	200	ug/L	EPA 8260B	2/2/06	101	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	2/2/06	104	70-130
Benzene	40.0	ug/L	EPA 8260B	2/3/06	94.0	70-130
Toluene	40.0	ug/L	EPA 8260B	2/3/06	95.4	70-130
Tert-Butanol	200	ug/L	EPA 8260B	2/3/06	99.6	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	2/3/06	83.2	70-130
Benzene	40.0	ug/L	EPA 8260B	2/2/06	92.9	70-130

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

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

Report Number : 48174

QC Report : Laboratory Control Sample (LCS)

Date : 2/7/2006

Project Name : **67107**

Project Number : **67107**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Toluene	40.0	ug/L	EPA 8260B	2/2/06	97.8	70-130
Tert-Butanol	200	ug/L	EPA 8260B	2/2/06	92.6	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	2/2/06	93.7	70-130
Benzene	40.0	ug/L	EPA 8260B	2/3/06	96.4	70-130
Toluene	40.0	ug/L	EPA 8260B	2/3/06	96.2	70-130
Tert-Butanol	200	ug/L	EPA 8260B	2/3/06	92.5	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	2/3/06	103	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 : 48174

Date : 2/7/2006

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

Project Name :67107
Project Number : 67107

			Sample Name	MW-1	MW-2		MW-3R		MW-4		MW-7		MW-10		MW-11		RW-1	
			Sample Date	1/30/2006	1/30/2006		1/30/2006		1/30/2006		1/30/2006		1/30/2006		1/30/2006		1/30/2006	
Analyte	Method	Units		MRL	Results	MRL	Results	MRL	Results	MRL	Results	MRL	Results	MRL	Results	MRL	Results	MRL	Results
Benzene	EPA 8260B	ug/L		0.50	ND	0.50	ND	1.5	**460**	0.50	ND	0.50	ND	0.50	**1.8**	0.50	ND	0.50	**0.61**
Toluene	EPA 8260B	ug/L		0.50	ND	0.50	ND	1.5	**20**	0.50	ND	0.50	ND	0.50	**3.9**	0.50	ND	0.50	ND
Ethylbenzene	EPA 8260B	ug/L		0.50	ND	0.50	ND	1.5	**470**	0.50	ND	0.50	ND	0.50	**61**	0.50	ND	0.50	ND
Total Xylenes	EPA 8260B	ug/L		0.50	ND	0.50	ND	2.5	**1000**	0.50	ND	0.50	ND	0.50	**29**	0.50	ND	0.50	**1.3**
Methyl-t-butyl ether (MTBE)	EPA 8260B	ug/L		0.50	**120**	0.50	**5.2**	1.5	**85**	0.50	**3.5**	0.50	ND	0.50	**16**	0.50	**1.0**	0.50	**23**
Diisopropyl ether (DIPE)	EPA 8260B	ug/L		0.50	ND	0.50	ND	1.5	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Ethyl-t-butyl ether (ETBE)	EPA 8260B	ug/L		0.50	ND	0.50	ND	1.5	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Tert-amyl methyl ether (TAME)	EPA 8260B	ug/L		0.50	ND	0.50	ND	1.5	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Tert-Butanol	EPA 8260B	ug/L		5.0	**20**	5.0	ND	7.0	**190**	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND
TPH as Gasoline	EPA 8260B	ug/L		50	**92**	50	ND	150	**6100**	50	ND	50	ND	50	**3800**	50	ND	50	ND
Toluene - d8 (Surr)	EPA 8260B	%			95.5		99.2		105		96.6		98.0		97.2		97.5		98.1
4-Bromofluorobenzene (Surr)	EPA 8260B	%			101		100		100		117		116		99.3		116		116

MRL = Method Reporting Limit
ND = Not Detected

Approved By,

Joel Kiff

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

KIFF Analytical LLC

Analysis Summary

Report Number : 48174

Date : 2/7/2006

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

Project Name :67107
Project Number : 67107

			Sample Name	RW-2
			Sample Date	1/30/2006
Analyte	Method	Units	MRL	Results
Benzene	EPA 8260B	ug/L	0.50	ND
Toluene	EPA 8260B	ug/L	0.50	ND
Ethylbenzene	EPA 8260B	ug/L	0.50	**4.6**
Total Xylenes	EPA 8260B	ug/L	0.50	**5.3**
Methyl-t-butyl ether (MTBE)	EPA 8260B	ug/L	0.50	**17**
Diisopropyl ether (DIPE)	EPA 8260B	ug/L	0.50	ND
Ethyl-t-butyl ether (ETBE)	EPA 8260B	ug/L	0.50	ND
Tert-amyl methyl ether (TAME)	EPA 8260B	ug/L	0.50	ND
Tert-Butanol	EPA 8260B	ug/L	5.0	ND
TPH as Gasoline	EPA 8260B	ug/L	50	**1200**
Toluene - d8 (Surr)	EPA 8260B	%		97.4
4-Bromofluorobenzene (Surr)	EPA 8260B	%		117

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. 48174

Page 1 of 1

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): Richard Munson	California EDF Report? ☐ Yes ☐ No
Company / Address: 6260 Brookshire RDM Env.	Sampling Company Log Code:
Phone #: 916 415 1134 / Fax #: 9164151154	Global ID:
Project #: 67107 / P.O. #: —	EDF Deliverable To (Email Address):
Project Name: 67107	Sampler Signature:
Project Address: 44 Lewelling Blvd San Lorenzo	

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: 1 wk	For Lab Use Only
MW-1	1/30/06	1157	3					X			X					X	X	X											01
MW-2	1/30/06	1130	3					X			X					X	X	X											02
MW-3R	1/30/06	1601	3					X			X					X	X	X											03
MW-4	1/30/06	1321	3					X			X					X	X	X											04
MW-7	1/30/06	1041	3					X			X					X	X	X											05
MW-10	1/30/06	1450	3					X			X					X	X	X											06
MW-11	1/30/06	1105	3					X			X					X	X	X											07
RW-1	1/30/06	1140	3					X			X					X	X	X											08
RW-2	1/30/06	1425	3					X			X					X	X	X											09

Relinquished by:	Date	Time	Received by:
Douglas Hoff			
Relinquished by:	Date	Time	Received by:
Sample Receipt Temp °C 0.8 Therm. ID# IR4 Initials: TJA Date 01/31/06 Time 1855 Coolant present: (Yes) No			
	01/31/06	1125	Received by Laboratory:

Remarks: STAT
Email copy to RDM

Bill to: Rob Donovan / Tesoro Petro.

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time	Therm. ID #	Coolant Present
0.8	TJA	01/31/06	1855	IR4	(Yes) / No

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

Appendix C

Official Laboratory Analytical Results –
Soil Vapor Extraction Analytical Data

KIFF Analytical LLC

Report Number : 48151
Date : 2/6/2006

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 : 48151

Date : 2/6/2006

Project Name : **Tesoro Station 67107**

Project Number : **67107**

Sample : **GW-Inf** Matrix : Water Lab Number : 48151-01

Sample Date :1/29/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**3.2**	0.50	ug/L	EPA 8260B	2/1/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	2/1/2006
Ethylbenzene	**0.61**	0.50	ug/L	EPA 8260B	2/1/2006
Total Xylenes	**1.7**	0.50	ug/L	EPA 8260B	2/1/2006
Methyl-t-butyl ether (MTBE)	**21**	0.50	ug/L	EPA 8260B	2/1/2006
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	2/1/2006
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	2/1/2006
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	2/1/2006
Tert-Butanol	**6.2**	5.0	ug/L	EPA 8260B	2/1/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	2/1/2006
Toluene - d8 (Surr)	98.0		% Recovery	EPA 8260B	2/1/2006
4-Bromofluorobenzene (Surr)	115		% Recovery	EPA 8260B	2/1/2006

Approved By: Joel Kiff

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

KIFF Analytical LLC

Report Number : 48151

Date : 2/6/2006

Project Name : **Tesoro Station 67107**

Project Number : **67107**

Sample : **DAT-Eff** Matrix : Water Lab Number : 48151-02

Sample Date :1/29/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	1/31/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	1/31/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	1/31/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	1/31/2006
Methyl-t-butyl ether (MTBE)	**1.2**	0.50	ug/L	EPA 8260B	1/31/2006
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	1/31/2006
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	1/31/2006
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	1/31/2006
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	1/31/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	1/31/2006
Toluene - d8 (Surr)	98.2		% Recovery	EPA 8260B	1/31/2006
4-Bromofluorobenzene (Surr)	117		% Recovery	EPA 8260B	1/31/2006

Approved By: Joel Kiff

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

KIFF Analytical LLC

Report Number : 48151

Date : 2/6/2006

Project Name : **Tesoro Station 67107**

Project Number : **67107**

Sample : **MID-1** Matrix : Water Lab Number : 48151-03

Sample Date :1/29/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	1/31/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	1/31/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	1/31/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	1/31/2006
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	1/31/2006
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	1/31/2006
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	1/31/2006
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	1/31/2006
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	1/31/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	1/31/2006
Toluene - d8 (Surr)	98.2		% Recovery	EPA 8260B	1/31/2006
4-Bromofluorobenzene (Surr)	116		% Recovery	EPA 8260B	1/31/2006

Approved By: Joel Kiff

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

KIFF Analytical LLC

Report Number : 48151

Date : 2/6/2006

Project Name : **Tesoro Station 67107**

Project Number : **67107**

Sample : **MID-2** Matrix : Water Lab Number : 48151-04

Sample Date :1/29/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	1/31/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	1/31/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	1/31/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	1/31/2006
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	1/31/2006
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	1/31/2006
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	1/31/2006
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	1/31/2006
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	1/31/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	1/31/2006
Toluene - d8 (Surr)	97.8		% Recovery	EPA 8260B	1/31/2006
4-Bromofluorobenzene (Surr)	116		% Recovery	EPA 8260B	1/31/2006

Approved By: Joel Kiff

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

KIFF Analytical LLC

Report Number : 48151

Date : 2/6/2006

Project Name : **Tesoro Station 67107**

Project Number : **67107**

Sample : **GW-Eff** Matrix : Water Lab Number : 48151-05

Sample Date :1/29/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	1/31/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	1/31/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	1/31/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	1/31/2006
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	1/31/2006
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	1/31/2006
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	1/31/2006
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	1/31/2006
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	1/31/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	1/31/2006
Toluene - d8 (Surr)	98.0		% Recovery	EPA 8260B	1/31/2006
4-Bromofluorobenzene (Surr)	117		% Recovery	EPA 8260B	1/31/2006

Approved By: Joel Kiff

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

Report Number : 48151

Date : 2/6/2006

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	1/31/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	1/31/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	1/31/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	1/31/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	1/31/2006
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	1/31/2006
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	1/31/2006
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	1/31/2006
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	1/31/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	1/31/2006
Toluene - d8 (Surr)	98.5		%	EPA 8260B	1/31/2006
4-Bromofluorobenzene (Surr)	118		%	EPA 8260B	1/31/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

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

Report Number : 48151

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 2/6/2006

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	48140-01	<0.50	40.0	40.0	39.5	38.8	ug/L	EPA 8260B	1/31/06	98.8	97.0	1.82	70-130	25
Toluene	48140-01	<0.50	40.0	40.0	39.1	37.9	ug/L	EPA 8260B	1/31/06	97.8	94.8	3.16	70-130	25
Tert-Butanol	48140-01	<5.0	200	200	205	203	ug/L	EPA 8260B	1/31/06	102	101	0.914	70-130	25
Methyl-t-Butyl Ether	48140-01	<0.50	40.0	40.0	31.6	31.2	ug/L	EPA 8260B	1/31/06	79.0	78.1	1.17	70-130	25

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

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

Report Number : 48151

QC Report : Laboratory Control Sample (LCS)

Date : 2/6/2006

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	1/31/06	97.3	70-130
Toluene	40.0	ug/L	EPA 8260B	1/31/06	98.8	70-130
Tert-Butanol	200	ug/L	EPA 8260B	1/31/06	103	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	1/31/06	87.2	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 : 48151

Date : 2/6/2006

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

Project Name :Tesoro Station 67107
Project Number : 67107

			Sample Name	GW-Inf	DAT-Eff		MID-1		MID-2		GW-Eff	
			Sample Date	1/29/2006	1/29/2006		1/29/2006		1/29/2006		1/29/2006	
Analyte	Method	Units		MRL	Results	MRL	Results	MRL	Results	MRL	Results	MRL	Results
Benzene	EPA 8260B	ug/L		0.50	**3.2**	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	**0.61**	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Total Xylenes	EPA 8260B	ug/L		0.50	**1.7**	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Methyl-t-butyl ether (MTBE)	EPA 8260B	ug/L		0.50	**21**	0.50	**1.2**	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	**6.2**	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	%			98.0		98.2		98.2		97.8		98.0
4-Bromofluorobenzene (Surr)	EPA 8260B	%			115		117		116		116		117

MRL = Method Reporting Limit
ND = Not Detected

Approved By,

Joel Kiff

Calscience
Environmental
Laboratories, Inc.

February 06, 2006

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

Subject: **Calscience Work Order No.: 06-02-0010**
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 2/1/2006 and analyzed in accordance with the attached chain-of-custody.

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

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

Sincerely,

Calscience Environmental
Laboratories, Inc.
Stephen Nowak
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 02/01/06
Work Order No: 06-02-0010

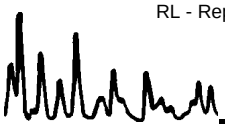
Project: Tesoro Station 67107

Client Sample Number	Lab Sample Number	Date Collected	Matrix
GW-Eff	**06-02-0010-1**	**01/29/06**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Solids, Total Suspended	ND	1.0	1		mg/L	N/A	02/01/06	EPA 160.2
Chemical Oxygen Demand	5.1	5.0	1		mg/L	02/02/06	02/03/06	EPA 410.4

Method Blank			**N/A**		**Aqueous**			
Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Solids, Total Suspended	ND	1.0	1		mg/L	N/A	02/01/06	EPA 160.2
Chemical Oxygen Demand	ND	5.0	1		mg/L	02/02/06	02/03/06	EPA 410.4

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



Calscience Environmental Laboratories, Inc.

Quality Control - Duplicate

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

Date Received: N/A
Work Order No: 06-02-0010

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	06-02-0093-1	02/03/06	310	320	1	0-25	
Solids, Total Suspended	EPA 160.2	06-02-0009-1	02/01/06	86	84	2	0-25	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 06-02-0010

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. 0010

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.:

EDF Deliverable to (Email Address):

Project Number: 67107 P.O. No.: 48151

E-mail address: inbox@kiffanalytical.com

Project Name: Tesoro Station 67107

Project Address:

Analysis Request

Date due: February 6, 2006

For Lab Use Only

Sample Designation	Sampling Date	Sampling Time	Container: Glass	Container: Poly	Container: Amber	Container:	Container:	Preservative: H2So4	Preservative: HNO3	Preservative: ICE	Preservative: NONE	Preservative: Na2S2O3	Matrix: WATER	Matrix: SOIL	Matrix:	C.O.D	TSS							For Lab Use Only
GW-Eff	01/29/06	12:30	1	1				X		X	X		X			X	X							X	

Relinquished by:	Date	Time	Received by:
Kiff Analytical	013106	1900	
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by Laboratory:
	2-1-06	8:30	

Remarks:

Bill to: Accounts Payable

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 06 - 02 - 0010

Cooler 1 **of** 1

SAMPLE RECEIPT FORM

CLIENT: KIFF ANALYTICAL **DATE:** 2-1-06

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

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

_____ °C Temperature blank.

LABORATORY (Other than Calscience Courier):

3.6 °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. 48151

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: 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
GW-Inf	1/29	12:24	2					X				X		
DAT-Eff	"	12:33	2					X				X		
MID-1	"	12:36	2					X				X		
MID 2	"	12:31	2					X				X		
GW-Eff	"	12:30	2		1	1		X		X	X	X		

Analysis Request

Sample Designation	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)	C.O.D.	TSS	For Lab Use Only
GW-Inf			X	X	X												01
DAT-Eff			X	X	X												02
MID-1			X	X	X												03
MID 2			X	X	X												04
GW-Eff			X	X	X										X	X	05

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

Relinquished by:	Date	Time	Received by:
	1/30/06	12:00	
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by Laboratory:
	013006	12:00	

Remarks: STAT

Bill to: Tesoro Petroleum

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time	Therm. ID #	Coolant Present
1.2	JTA	013006	1645	TR-1	(Yes) No

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

KIFF Analytical LLC

Report Number : 48651
Date : 3/7/2006

Richard Munsch
RDM Environmental
6280 Brookshire Drive
Rocklin, CA 95677

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

Dear Mr. Munsch,

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

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

Sincerely,

Joel Kiff

KIFF Analytical LLC

Report Number : 48651

Date : 3/7/2006

Project Name : **67107**

Project Number : **67107**

Sample : **GW-Inf** Matrix : Water Lab Number : 48651-01

Sample Date :2/27/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	3/1/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	3/1/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	3/1/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	3/1/2006
Methyl-t-butyl ether (MTBE)	**6.1**	0.50	ug/L	EPA 8260B	3/1/2006
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	3/1/2006
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	3/1/2006
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	3/1/2006
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	3/1/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	3/1/2006
Toluene - d8 (Surr)	99.0		% Recovery	EPA 8260B	3/1/2006
4-Bromofluorobenzene (Surr)	101		% Recovery	EPA 8260B	3/1/2006

Approved By: Joel Kiff

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

KIFF Analytical LLC

Report Number : 48651

Date : 3/7/2006

Project Name : **67107**

Project Number : **67107**

Sample : **GW-DAT** Matrix : Water Lab Number : 48651-02

Sample Date :2/27/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	3/1/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	3/1/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	3/1/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	3/1/2006
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	3/1/2006
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	3/1/2006
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	3/1/2006
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	3/1/2006
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	3/1/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	3/1/2006
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	3/1/2006
4-Bromofluorobenzene (Surr)	100		% Recovery	EPA 8260B	3/1/2006

Approved By: Joel Kiff

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

KIFF Analytical LLC

Report Number : 48651

Date : 3/7/2006

Project Name : **67107**

Project Number : **67107**

Sample : **GW-MID** Matrix : Water Lab Number : 48651-03

Sample Date :2/27/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	3/1/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	3/1/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	3/1/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	3/1/2006
Methyl-t-butyl ether (MTBE)	**1.5**	0.50	ug/L	EPA 8260B	3/1/2006
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	3/1/2006
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	3/1/2006
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	3/1/2006
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	3/1/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	3/1/2006
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	3/1/2006
4-Bromofluorobenzene (Surr)	99.7		% Recovery	EPA 8260B	3/1/2006

Approved By: Joel Kiff

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

KIFF Analytical LLC

Report Number : 48651

Date : 3/7/2006

Project Name : **67107**

Project Number : **67107**

Sample : **GW-EFF** Matrix : Water Lab Number : 48651-04

Sample Date :2/27/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	3/1/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	3/1/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	3/1/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	3/1/2006
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	3/1/2006
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	3/1/2006
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	3/1/2006
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	3/1/2006
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	3/1/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	3/1/2006
Toluene - d8 (Surr)	98.2		% Recovery	EPA 8260B	3/1/2006
4-Bromofluorobenzene (Surr)	99.9		% Recovery	EPA 8260B	3/1/2006

Approved By: Joel Kiff

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

KIFF Analytical LLC

Report Number : 48651

Date : 3/7/2006

Project Name : **67107**

Project Number : **67107**

Sample : **DAT-EFF** Matrix : Air Lab Number : 48651-05

Sample Date :2/27/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.050**	0.050	ppmv	EPA 8260B	3/1/2006
Toluene	**< 0.050**	0.050	ppmv	EPA 8260B	3/1/2006
Ethylbenzene	**< 0.050**	0.050	ppmv	EPA 8260B	3/1/2006
Total Xylenes	**< 0.050**	0.050	ppmv	EPA 8260B	3/1/2006
Methyl-t-butyl ether (MTBE)	**< 0.050**	0.050	ppmv	EPA 8260B	3/1/2006
Diisopropyl ether (DIPE)	**< 0.050**	0.050	ppmv	EPA 8260B	3/1/2006
Ethyl-t-butyl ether (ETBE)	**< 0.050**	0.050	ppmv	EPA 8260B	3/1/2006
Tert-amyl methyl ether (TAME)	**< 0.050**	0.050	ppmv	EPA 8260B	3/1/2006
Tert-Butanol	**< 0.50**	0.50	ppmv	EPA 8260B	3/1/2006
TPH as Gasoline	**< 5.0**	5.0	ppmv	EPA 8260B	3/1/2006
4-Bromofluorobenzene (Surr)	102		% Recovery	EPA 8260B	3/1/2006
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	3/1/2006

Approved By: Joel Kiff

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

Report Number : 48651

Date : 3/7/2006

QC Report : Method Blank Data

Project Name : **67107**

Project Number : **67107**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.050	0.050	ppmv	EPA 8260B	2/28/2006
Toluene	< 0.050	0.050	ppmv	EPA 8260B	2/28/2006
Ethylbenzene	< 0.050	0.050	ppmv	EPA 8260B	2/28/2006
Total Xylenes	< 0.050	0.050	ppmv	EPA 8260B	2/28/2006
Methyl-t-butyl ether (MTBE)	< 0.050	0.050	ppmv	EPA 8260B	2/28/2006
Diisopropyl ether (DIPE)	< 0.050	0.050	ppmv	EPA 8260B	2/28/2006
Ethyl-t-butyl ether (ETBE)	< 0.050	0.050	ppmv	EPA 8260B	2/28/2006
Tert-amyl methyl ether (TAME)	< 0.050	0.050	ppmv	EPA 8260B	2/28/2006
Tert-Butanol	< 0.50	0.50	ppmv	EPA 8260B	2/28/2006
TPH as Gasoline	< 5.0	5.0	ppmv	EPA 8260B	2/28/2006
4-Bromofluorobenzene (Surr)	102		%	EPA 8260B	2/28/2006
Toluene - d8 (Surr)	100		%	EPA 8260B	2/28/2006
Benzene	< 0.50	0.50	ug/L	EPA 8260B	3/1/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	3/1/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	3/1/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	3/1/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	3/1/2006
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	3/1/2006
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	3/1/2006
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	3/1/2006
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	3/1/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	3/1/2006
Toluene - d8 (Surr)	99.4		%	EPA 8260B	3/1/2006
4-Bromofluorobenzene (Surr)	97.7		%	EPA 8260B	3/1/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

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

Report Number : 48651

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 3/7/2006

Project Name : **67107**

Project Number : **67107**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Benzene	48633-01	<0.50	40.0	40.0	39.4	38.7	ug/L	EPA 8260B	3/1/06	98.5	96.6	1.87	70-130	25
Toluene	48633-01	<0.50	40.0	40.0	38.4	37.3	ug/L	EPA 8260B	3/1/06	95.9	93.2	2.82	70-130	25
Tert-Butanol	48633-01	<5.0	200	200	203	199	ug/L	EPA 8260B	3/1/06	101	99.3	2.01	70-130	25
Methyl-t-Butyl Ether	48633-01	<0.50	40.0	40.0	38.6	38.1	ug/L	EPA 8260B	3/1/06	96.6	95.3	1.32	70-130	25

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

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

Report Number : 48651

QC Report : Laboratory Control Sample (LCS)

Date : 3/7/2006

Project Name : **67107**

Project Number : **67107**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	40.0	ug/L	EPA 8260B	3/1/06	96.8	70-130
Toluene	40.0	ug/L	EPA 8260B	3/1/06	95.7	70-130
Tert-Butanol	200	ug/L	EPA 8260B	3/1/06	101	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	3/1/06	99.6	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 : 48651

Date : 3/7/2006

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

Project Name :67107
Project Number : 67107

			Sample Name	DAT-EFF
			Sample Date	2/27/2006
Analyte	Method	Units	MRL	Results
Benzene	EPA 8260B	ppmv	0.050	ND
Toluene	EPA 8260B	ppmv	0.050	ND
Ethylbenzene	EPA 8260B	ppmv	0.050	ND
Total Xylenes	EPA 8260B	ppmv	0.050	ND
Methyl-t-butyl ether (MTBE)	EPA 8260B	ppmv	0.050	ND
Diisopropyl ether (DIPE)	EPA 8260B	ppmv	0.050	ND
Ethyl-t-butyl ether (ETBE)	EPA 8260B	ppmv	0.050	ND
Tert-amyl methyl ether (TAME)	EPA 8260B	ppmv	0.050	ND
Tert-Butanol	EPA 8260B	ppmv	0.50	ND
TPH as Gasoline	EPA 8260B	ppmv	5.0	ND
Toluene - d8 (Surr)	EPA 8260B	%		101
4-Bromofluorobenzene (Surr)	EPA 8260B	%		102

MRL = Method Reporting Limit
ND = Not Detected

Approved By,

Joel Kiff

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

KIFF Analytical LLC

Analysis Summary

Report Number : 48651

Date : 3/7/2006

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

Project Name :67107
Project Number : 67107

			Sample Name	GW-Inf		GW-DAT		GW-MID		GW-EFF	
			Sample Date	2/27/2006		2/27/2006		2/27/2006		2/27/2006	
Analyte	Method	Units		MRL	Results	MRL	Results	MRL	Results	MRL	Results
Benzene	EPA 8260B	ug/L		0.50	ND	0.50	ND	0.50	ND	0.50	ND
Toluene	EPA 8260B	ug/L		0.50	ND	0.50	ND	0.50	ND	0.50	ND
Ethylbenzene	EPA 8260B	ug/L		0.50	ND	0.50	ND	0.50	ND	0.50	ND
Total Xylenes	EPA 8260B	ug/L		0.50	ND	0.50	ND	0.50	ND	0.50	ND
Methyl-t-butyl ether (MTBE)	EPA 8260B	ug/L		0.50	**6.1**	0.50	ND	0.50	**1.5**	0.50	ND
Diisopropyl ether (DIPE)	EPA 8260B	ug/L		0.50	ND	0.50	ND	0.50	ND	0.50	ND
Ethyl-t-butyl ether (ETBE)	EPA 8260B	ug/L		0.50	ND	0.50	ND	0.50	ND	0.50	ND
Tert-amyl methyl ether (TAME)	EPA 8260B	ug/L		0.50	ND	0.50	ND	0.50	ND	0.50	ND
Tert-Butanol	EPA 8260B	ug/L		5.0	ND	5.0	ND	5.0	ND	5.0	ND
TPH as Gasoline	EPA 8260B	ug/L		50	ND	50	ND	50	ND	50	ND
Toluene - d8 (Surr)	EPA 8260B	%			99.0		100		100		98.2
4-Bromofluorobenzene (Surr)	EPA 8260B	%			101		100		99.7		99.9

MRL = Method Reporting Limit
ND = Not Detected

Approved By,

Joel Kiff

Calscience Environmental Laboratories, Inc.

March 07, 2006

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

Subject: **Calscience Work Order No.: 06-03-0003**
Client Reference: 67107

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 3/1/2006 and analyzed in accordance with the attached chain-of-custody.

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

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

Sincerely,

Calscience Environmental
Laboratories, Inc.
Stephen Nowak
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 03/01/06
Work Order No: 06-03-0003

Project: 67107

Client Sample Number	Lab Sample Number	Date Collected	Matrix
GW-EFF	**06-03-0003-1**	**02/27/06**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Solids, Total Suspended	ND	1.0	1		mg/L	N/A	03/05/06	EPA 160.2
Chemical Oxygen Demand	5.1	5.0	1		mg/L	03/03/06	03/06/06	EPA 410.4

Method Blank			**N/A**		**Aqueous**			
Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Solids, Total Suspended	ND	1.0	1		mg/L	N/A	03/05/06	EPA 160.2
Chemical Oxygen Demand	ND	5.0	1		mg/L	03/03/06	03/06/06	EPA 410.4

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

Calscience Environmental Laboratories, Inc.

Quality Control - Duplicate

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

Date Received: N/A
Work Order No: 06-03-0003

Project: 67107

Matrix: Aqueous

Parameter	Method	QC Sample ID	Date Analyzed	Sample Conc	DUP Conc	RPD	RPD CL	Qualifiers
Chemical Oxygen Demand	EPA 410.4	06-03-0135-1	03/06/06	390	380	2	0-25	
Solids, Total Suspended	EPA 160.2	06-02-1615-2	03/05/06	228	259	13	0-25	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 06-03-0003

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. 0003

Page 1 of 1

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.:

EDF Deliverable to (Email Address):

Project Number: 67107 P.O. No.: 48651

Project Name: 67107

E-mail address: inbox@kiffanalytical.com

Project Address:

Analysis Request

Date due: March 7, 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: Na2S2O3	Matrix: WATER	Matrix: SOIL	Matrix:	C.O.D	TSS							Date due: March 7, 2006	For Lab Use Only
GW-EFF	02/27/06	13:58	1	1												X	X							X	

Relinquished by:	Date	Time	Received by:
Leyla Capil Kiff Analytical	022806	1900	
Relinquished by:	Date	Time	Received by:
Relinquished by: CD	Date 3-1-06	Time 8:30	Received by Laboratory:

Remarks:

Bill to: Accounts Payable

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 06 - 03 - 0003

Cooler 1 **of** 1

SAMPLE RECEIPT FORM

CLIENT: KIFF ANALYTICAL **DATE:** 3-01-06

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

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

LABORATORY (Other than Calscience Courier):

3.6 °C Temperature blank.
_____ °C IR thermometer.
_____ Ambient temperature.

Initial: UNB

CUSTODY SEAL INTACT:

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

Initial: UNB

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: UNB

COMMENTS:

48651

KIFF Analytical LLC

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

SRG # / Lab No. ~~67107~~ JA

Page 1 of 1

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): Richard Munscut	California EDF Report? ☐ Yes ☐ No
Company / Address: RDM Env. 6260 Brookshire Rocklin	Sampling Company Log Code:
Phone #: 916 415 1134 / Fax #: 916 415 1154	Global ID:
Project #: 67107 / P.O. #:	EDF Deliverable To (Email Address):
Project Name: 67107	Sampler Signature:
Project Address: 44 Cunningham Blvd San Lorenzo	

Analysis Request

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

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)	C.O.D.	TSS	For Lab Use Only
GW-INF	2/27/06	1404	2					X				X					X	X	1												01
GW-DAT	2/27/06	1406	2					X				X					X	X	X												02
GW-MID	2/27/06	1403	2					X				X					X	X	X												03
GW-EFF	2/27/06	1358	2					X				X					X	X	X												04
DAT-EFF	2/27/06	1355				X	X			X				X			X	X	X												05
GW-EFF	2/27/06	1358				/					X	X																X			06
GW-EFF	2/27/06	1358			/					X		X																	X		07

Relinquished by: Douglas Hoff	Date	Time	Received by:
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date 022806	Time 345	Received by Laboratory:

Remarks: STAT

Email Copy to RDM

Bill to: Rob Donovan / Tesoro

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time	Therm. ID #	Coolant Present
1.6	JA	022806	1615	TR1	(Yes) No

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

KIFF Analytical LLC

Report Number : 49184
Date : 4/3/2006

Richard Munsch
RDM Environmental
6280 Brookshire Drive
Rocklin, CA 95677

Subject : 4 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 : 49184

Date : 4/3/2006

Project Name : **Tesoro Station 67107**

Project Number : **67107**

Sample : **GW-Inf** Matrix : Water Lab Number : 49184-01

Sample Date :3/27/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**1.3**	0.50	ug/L	EPA 8260B	3/30/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	3/30/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	3/30/2006
Total Xylenes	**2.8**	0.50	ug/L	EPA 8260B	3/30/2006
Methyl-t-butyl ether (MTBE)	**24**	0.50	ug/L	EPA 8260B	3/30/2006
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	3/30/2006
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	3/30/2006
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	3/30/2006
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	3/30/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	3/30/2006
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	3/30/2006
4-Bromofluorobenzene (Surr)	108		% Recovery	EPA 8260B	3/30/2006

Approved By: Joel Kiff

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

KIFF Analytical LLC

Report Number : 49184
Date : 4/3/2006

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

Sample : **GW-DAT-Eff** Matrix : Water Lab Number : 49184-02
Sample Date :3/27/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	3/30/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	3/30/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	3/30/2006
Total Xylenes	**1.1**	0.50	ug/L	EPA 8260B	3/30/2006
Methyl-t-butyl ether (MTBE)	**19**	0.50	ug/L	EPA 8260B	3/30/2006
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	3/30/2006
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	3/30/2006
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	3/30/2006
Tert-Butanol	**6.7**	5.0	ug/L	EPA 8260B	3/30/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	3/30/2006
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	3/30/2006
4-Bromofluorobenzene (Surr)	102		% Recovery	EPA 8260B	3/30/2006

Approved By: Joel Kiff

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

KIFF Analytical LLC

Report Number : 49184

Date : 4/3/2006

Project Name : **Tesoro Station 67107**

Project Number : **67107**

Sample : **GW-MID2** Matrix : Water Lab Number : 49184-03

Sample Date :3/27/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	3/30/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	3/30/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	3/30/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	3/30/2006
Methyl-t-butyl ether (MTBE)	**6.7**	0.50	ug/L	EPA 8260B	3/30/2006
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	3/30/2006
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	3/30/2006
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	3/30/2006
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	3/30/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	3/30/2006
Toluene - d8 (Surr)	99.6		% Recovery	EPA 8260B	3/30/2006
4-Bromofluorobenzene (Surr)	103		% Recovery	EPA 8260B	3/30/2006

Approved By: Joel Kiff

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

KIFF Analytical LLC

Report Number : 49184
Date : 4/3/2006

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

Sample : **GW-Eff** Matrix : Water Lab Number : 49184-04
Sample Date :3/27/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	3/30/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	3/30/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	3/30/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	3/30/2006
Methyl-t-butyl ether (MTBE)	**1.6**	0.50	ug/L	EPA 8260B	3/30/2006
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	3/30/2006
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	3/30/2006
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	3/30/2006
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	3/30/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	3/30/2006
Toluene - d8 (Surr)	99.6		% Recovery	EPA 8260B	3/30/2006
4-Bromofluorobenzene (Surr)	104		% Recovery	EPA 8260B	3/30/2006

Approved By: Joel Kiff

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

Report Number : 49184

Date : 4/3/2006

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	3/30/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	3/30/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	3/30/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	3/30/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	3/30/2006
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	3/30/2006
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	3/30/2006
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	3/30/2006
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	3/30/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	3/30/2006
Toluene - d8 (Surr)	100		%	EPA 8260B	3/30/2006
4-Bromofluorobenzene (Surr)	104		%	EPA 8260B	3/30/2006
Benzene	< 0.50	0.50	ug/L	EPA 8260B	3/30/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	3/30/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	3/30/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	3/30/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	3/30/2006
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	3/30/2006
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	3/30/2006
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	3/30/2006
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	3/30/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	3/30/2006
Toluene - d8 (Surr)	96.7		%	EPA 8260B	3/30/2006
4-Bromofluorobenzene (Surr)	100		%	EPA 8260B	3/30/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

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

Report Number : 49184

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 4/3/2006

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	49212-05	<0.50	40.0	40.0	36.8	35.1	ug/L	EPA 8260B	3/30/06	92.0	87.8	4.74	70-130	25
Toluene	49212-05	<0.50	40.0	40.0	36.8	35.6	ug/L	EPA 8260B	3/30/06	92.0	89.1	3.20	70-130	25
Tert-Butanol	49212-05	<5.0	200	200	196	200	ug/L	EPA 8260B	3/30/06	98.3	100	1.72	70-130	25
Methyl-t-Butyl Ether	49212-05	<0.50	40.0	40.0	42.0	40.4	ug/L	EPA 8260B	3/30/06	105	101	3.89	70-130	25
Benzene	49180-05	<0.50	40.0	40.0	40.3	39.3	ug/L	EPA 8260B	3/30/06	101	98.2	2.48	70-130	25
Toluene	49180-05	<0.50	40.0	40.0	38.5	37.8	ug/L	EPA 8260B	3/30/06	96.3	94.5	1.90	70-130	25
Tert-Butanol	49180-05	<5.0	200	200	197	201	ug/L	EPA 8260B	3/30/06	98.7	100	1.64	70-130	25
Methyl-t-Butyl Ether	49180-05	1.9	40.0	40.0	47.1	46.7	ug/L	EPA 8260B	3/30/06	113	112	0.882	70-130	25

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

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

Report Number : 49184

QC Report : Laboratory Control Sample (LCS)

Date : 4/3/2006

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	3/30/06	92.6	70-130
Toluene	40.0	ug/L	EPA 8260B	3/30/06	95.2	70-130
Tert-Butanol	200	ug/L	EPA 8260B	3/30/06	100	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	3/30/06	112	70-130
Benzene	40.0	ug/L	EPA 8260B	3/30/06	100	70-130
Toluene	40.0	ug/L	EPA 8260B	3/30/06	98.3	70-130
Tert-Butanol	200	ug/L	EPA 8260B	3/30/06	99.3	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	3/30/06	119	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 : 49184

Date : 4/3/2006

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-MID2		GW-Eff	
			Sample Date	3/27/2006	3/27/2006		3/27/2006		3/27/2006	
Analyte	Method	Units	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
Toluene	EPA 8260B	ug/L	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Ethylbenzene	EPA 8260B	ug/L	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Total Xylenes	EPA 8260B	ug/L	0.50	**2.8**	0.50	**1.1**	0.50	ND	0.50	ND
Methyl-t-butyl ether (MTBE)	EPA 8260B	ug/L	0.50	**24**	0.50	**19**	0.50	**6.7**	0.50	**1.6**
Diisopropyl ether (DIPE)	EPA 8260B	ug/L	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Ethyl-t-butyl ether (ETBE)	EPA 8260B	ug/L	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Tert-amyl methyl ether (TAME)	EPA 8260B	ug/L	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Tert-Butanol	EPA 8260B	ug/L	5.0	ND	5.0	**6.7**	5.0	ND	5.0	ND
TPH as Gasoline	EPA 8260B	ug/L	50	ND	50	ND	50	ND	50	ND
Toluene - d8 (Surr)	EPA 8260B	%		100		100		99.6		99.6
4-Bromofluorobenzene (Surr)	EPA 8260B	%		108		102		103		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.

April 04, 2006

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

Subject: **Calscience Work Order No.: 06-03-1669**
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 3/29/2006 and analyzed in accordance with the attached chain-of-custody.

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

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

Sincerely,

Calscience Environmental
Laboratories, Inc.
Stephen Nowak
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 03/29/06
Work Order No: 06-03-1669

Project: Tesoro Station 67107

Client Sample Number	Lab Sample Number	Date Collected	Matrix
GW-Eff	**06-03-1669-1**	**03/27/06**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Solids, Total Suspended	1.8	1.0	1		mg/L	N/A	04/03/06	EPA 160.2
Chemical Oxygen Demand	28	5	1		mg/L	03/30/06	03/30/06	EPA 410.4

Method Blank			**N/A**		**Aqueous**			
Parameter	**Result**	**RL**	**DF**	**Qual**	**Units**	**Date Prepared**	**Date Analyzed**	**Method**
Solids, Total Suspended	ND	1.0	1		mg/L	N/A	04/03/06	EPA 160.2
Chemical Oxygen Demand	ND	5.0	1		mg/L	03/30/06	03/30/06	EPA 410.4

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

Calscience Environmental Laboratories, Inc.

Quality Control - Duplicate

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

Date Received: N/A
Work Order No: 06-03-1669

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	06-03-1751-1	03/30/06	87	92	6	0-25	
Solids, Total Suspended	EPA 160.2	06-03-1682-1	04/03/06	35	34	3	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 06-03-1669

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. 1669

Page 1 of 1

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.: 49184

EDF Deliverable to (Email Address):

Project Name: Tesoro Station 67107

E-mail address: inbox@kiffanalytical.com

Project Address:

Sample Designation	Sampling		Container					Preservative					Matrix			Analysis Request								Date due:	For Lab Use Only
	Date	Time	Glass	Poly	Amber			H2So4	HNO3	ICE	NONE	Na2S2O3	WATER	SOIL		C.O.D	TSS							April 4, 2006	
GW-Eff	03/27/06	2:15	1	1				X		X	X		X			X	X							X	

Relinquished by:	Date	Time	Received by:
Kiff Analytical	032806	1830	
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by Laboratory:
	3-29-06	8:30	

Remarks:

Bill to: Accounts Payable

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 06 - 03 - 1669

Cooler 1 **of** 1

SAMPLE RECEIPT FORM

CLIENT: KIFF ANALYTICAL **DATE:** 3-29-06

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

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

_____ °C Temperature blank.

LABORATORY (Other than Calscience Courier):

3.6 °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. 49184

Page 1 of 1

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or RDF 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: 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
GW-Inf	3/27/06	2:22	3					X			X		
GW-DAF-Eff	"	2:20	3					X			X		
GW-MID2		2:18	3					X			X		
GW-Eff		2:15	3		X	X		X		X	X		

Analysis Request

MTBE (EPA 8260B) per EPA 8021 level @ 5.0 ppb	MTBE (EPA 8260B) @ 0.5 ppb	BTEX (EPA 8260B)	TPH Gas (EPA 8260B)	5 Oxygenates (EPA 8260B)	7 Oxygenates (EPA 8260B)	Lead Scav.(1,2 DCA & 1,2 EDB-EPA 8260B)	Volatile Halocarbons (EPA 8260B)	Volatile Organics Full List (EPA 8260B)	Volatile Organics (EPA 524.2 Drinking Water)	TPH as Diesel (EPA 8015M)	TPH as Motor Oil (EPA 8015M)	Total Lead (EPA 6010)	W.E.T. Lead (STLC)	C.O.D	TSS	1 wk	For Lab Use Only
		X	X	X													01
		X	X	X													02
		X	X	X													03
		X	X	X										X	X		04

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

Relinquished by:	Date	Time	Received by:
RPM			
	032806	1025	Ron McKee Kiff Analytical

Remarks: STAT

Bill to: ~~RPM~~ Tesoro Petroleum / Rob Romano

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time	Therm. ID #	Coolant Present
2.0	RLM	032806	1325	IR-1	(Yes) No

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

KIFF Analytical LLC

Report Number : 49189
Date : 4/3/2006

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 : 49189

Date : 4/3/2006

Project Name : **Tesoro Station 67107**

Project Number : **67107**

Sample : **DAT-EFF** Matrix : Air Lab Number : 49189-01

Sample Date :3/27/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.050**	0.050	ppmv	EPA 8260B	3/28/2006
Toluene	**< 0.050**	0.050	ppmv	EPA 8260B	3/28/2006
Ethylbenzene	**< 0.050**	0.050	ppmv	EPA 8260B	3/28/2006
Total Xylenes	**< 0.050**	0.050	ppmv	EPA 8260B	3/28/2006
Methyl-t-butyl ether (MTBE)	**< 0.050**	0.050	ppmv	EPA 8260B	3/28/2006
Diisopropyl ether (DIPE)	**< 0.050**	0.050	ppmv	EPA 8260B	3/28/2006
Ethyl-t-butyl ether (ETBE)	**< 0.050**	0.050	ppmv	EPA 8260B	3/28/2006
Tert-amyl methyl ether (TAME)	**< 0.050**	0.050	ppmv	EPA 8260B	3/28/2006
Tert-Butanol	**< 0.50**	0.50	ppmv	EPA 8260B	3/28/2006
TPH as Gasoline	**< 5.0**	5.0	ppmv	EPA 8260B	3/28/2006
4-Bromofluorobenzene (Surr)	112		% Recovery	EPA 8260B	3/28/2006
Toluene - d8 (Surr)	98.4		% Recovery	EPA 8260B	3/28/2006

Approved By: Joel Kiff

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

Report Number : 49189

Date : 4/3/2006

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	< 0.050	0.050	ppmv	EPA 8260B	3/27/2006
Toluene	< 0.050	0.050	ppmv	EPA 8260B	3/27/2006
Ethylbenzene	< 0.050	0.050	ppmv	EPA 8260B	3/27/2006
Total Xylenes	< 0.050	0.050	ppmv	EPA 8260B	3/27/2006
Methyl-t-butyl ether (MTBE)	< 0.050	0.050	ppmv	EPA 8260B	3/27/2006
Diisopropyl ether (DIPE)	< 0.050	0.050	ppmv	EPA 8260B	3/27/2006
Ethyl-t-butyl ether (ETBE)	< 0.050	0.050	ppmv	EPA 8260B	3/27/2006
Tert-amyl methyl ether (TAME)	< 0.050	0.050	ppmv	EPA 8260B	3/27/2006
Tert-Butanol	< 0.50	0.50	ppmv	EPA 8260B	3/27/2006
TPH as Gasoline	< 5.0	5.0	ppmv	EPA 8260B	3/27/2006
4-Bromofluorobenzene (Surr)	97.9		%	EPA 8260B	3/27/2006
Toluene - d8 (Surr)	105		%	EPA 8260B	3/27/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

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

KIFF Analytical LLC

Analysis Summary

Report Number : 49189

Date : 4/3/2006

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	3/27/2006
Analyte	Method	Units	MRL	Results
Benzene	EPA 8260B	ppmv	0.050	ND
Toluene	EPA 8260B	ppmv	0.050	ND
Ethylbenzene	EPA 8260B	ppmv	0.050	ND
Total Xylenes	EPA 8260B	ppmv	0.050	ND
Methyl-t-butyl ether (MTBE)	EPA 8260B	ppmv	0.050	ND
Diisopropyl ether (DIPE)	EPA 8260B	ppmv	0.050	ND
Ethyl-t-butyl ether (ETBE)	EPA 8260B	ppmv	0.050	ND
Tert-amyl methyl ether (TAME)	EPA 8260B	ppmv	0.050	ND
Tert-Butanol	EPA 8260B	ppmv	0.50	ND
TPH as Gasoline	EPA 8260B	ppmv	5.0	ND
Toluene - d8 (Surr)	EPA 8260B	%		98.4
4-Bromofluorobenzene (Surr)	EPA 8260B	%		112

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. 49189

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
Project #: 67107	P.O. #: 67107
Project Name: Tesoro Station 67107	Global ID:
Project Address: San Lorenzo CA	EDF Deliverable To (Email Address):
	Sampler Signature:

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-Eff	3/27/06	2:45					X			X			X			X	X	X										1 wk	01

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:
	032806	1020	Roz McGee Kiff Analytical

Remarks: STAT

Bill to: Tesoro Petroleum / Rick Donavan

For Lab Use Only: Sample Receipt

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

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