

RD-198



TESORO

Tesoro Petroleum Companies, Inc.
Corporate Environmental Affairs
3450 South 344th Way, Suite 100
Auburn, WA 98001-5931
253 896 8700
253 896 8887 Fax

June 8, 2004

EW 7/28/04

Ms. Eva Chu
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, room 250
Alameda, California 94502

Mr. Steven Ritchie
Regional Water Quality Control Board
San Francisco Bay Region
1515 Clay Street, Suite 1400
Oakland, California 94612

**RE: 44 Lewelling Boulevard San Lorenzo, California First Quarter 2004
Groundwater Monitoring and Remediation System Status Report
Former Tesoro Station No. 67107**

Dear Ms. Chu and Mr. Ritchie:

Tesoro Petroleum Companies, Inc., on behalf of Tesoro Environmental Resources Company (retained liability manager for all of Tesoro Petroleum Corporation, formerly liability had been retained by Tesoro Refining and Marketing Company), hereinafter referred to as Tesoro, submits the referenced report for your review. Groundwater monitoring data were collected on February 28, 2004 from six of the twelve monitoring wells associated with the site.

On-site remediation systems are composed of:

- ◆ soil vapor extraction (did not operate, blower and compressor failure),
- ◆ groundwater extraction and treatment (operated intermittently pump failure), and
- ◆ air injection sparging (did not operate this quarter, compressor failure) are all in the process of being upgraded and will be operative in the second quarter.

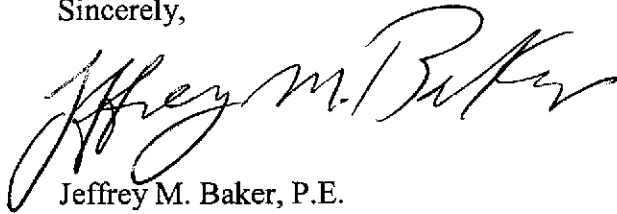
TPHg and MTBE concentrations in off-site monitoring wells MW-10 and MW-11 continue to be elevated and therefore warrant additional efforts to maintain control of this site. Groundwater vacuum extraction from MW-10 and MW-11 was implemented monthly in October 2003 to reduce contaminant mass in these wells. Additional effort to reduce impacts in these wells is warranted.

Tesoro recommends the following steps also be implemented to expedite site cleanup:

- Continue vacuum extraction of groundwater and perform quarterly sampling of MW-10 and MW-11 to address MTBE concentrations in these wells.
- Incorporate MW-3, MW-10 and RW-2 (a new recovery well) into the recovery well pumping operation to better control groundwater impacts at the site.
- Continue quarterly monitoring of constituents of concern at the site.
- Implement ozone enhanced air sparging in on-site monitoring wells as an additional remediation tactic to improve cleanup efficiency.

Please review the report and recommendations above and provide project direction. Please contact me with any questions or concerns regarding this project at (253) 896-8708. Thank you for your continued cooperation concerning this project.

Sincerely,



Jeffrey M. Baker, P.E.
Supervisor, Environmental
Compliance & Remediation
Tesoro Petroleum Companies, Inc.

Attachment

CC: RDM -- Richard Munsch (w/o attachment)
Brian Kelleher -- Kelleher & Associates
File -- Remediation, San Lorenzo

Hirbod Enterprises -- Owner
Sam Hirbod
111 Deerwood Road, Suite 110
San Ramon, CA 94583



Environmental

1704 Via Riata, Roseville, CA 95747

Tel: (916) 771-7098, FAX : (916) 771-4584

May 19, 2004

Mr. Jeff Baker
Tesoro Petroleum Companies, Inc.
3450 S. 344th Way, Suite 100
Auburn, Washington 98001-5931

Subject: *Quarterly Ground Water Monitoring and
Remediation System Status Report, First Quarter 2004*
Tesoro Station No. 67107
(Former Beacon Station No. 3721)
44 Lewelling Boulevard
San Lorenzo, California
RDM Project No. 02-67107

Dear Mr. Baker:

On Behalf of Tesoro Refining and Marketing Company, RDM Environmental (RDM) is submitting the following quarterly monitoring report to the Alameda County Environmental Health Department (ACEHD). This report describes quarterly ground water monitoring and remediation system status for the **First Quarter 2004**.

Work Performed During the First Quarter 2004:

- RDM performed ground water sampling on **February 28, 2004**.
- RDM conducted operation and maintenance on the remediation system.
- RDM is in the process of upgrading the remediation system. These modifications include adding two recovery wells to the existing ground water system and replacing the soil vapor extraction blower and air sparging compressor.

STATUS OF GROUND WATER MONITORING

Cumulative ground water sampling information is summarized in Table 1. A site location map, site detail map, ground water elevation map, and benzene, total petroleum hydrocarbons as gasoline, and methyl-t-butyl ether isoconcentration maps are shown on Figures 1 through 6, respectively. The site history is included in Enclosure A, the quarterly monitoring data sheets are included in Enclosure B and the ground water analytical results and domestic well analytical results are included in Enclosure C.

- Local ground water flows towards recovery well RW-1 and historical ground water flow direction is to the southwest.

STATUS OF REMEDIATION SYSTEM

Operation and maintenance is performed bi-monthly by RDM on a remediation system consisting of ground water treatment, soil vapor extraction (SVE) and air sparging components. Details of system performance and cumulative totals are tabulated in Tables 2 through 4. A process flow diagram showing details of the system is shown as Figure 7. The locations of the two domestic wells sampled by RDM during past quarters are illustrated in Figure 8.

Operation & Maintenance Site Visits:

- Operation and maintenance site visits were conducted for the **First Quarter 2004** on:
 - **January 10 and 28, 2004**
 - **February 13 and 28, 2004**
 - **March 15 and 30, 2004**

Ground Water Extraction System Performance:

- The ground water treatment system operated intermittently during the **First Quarter 2004**.
- During the **First Quarter 2004**, the ground water system processed **178,600** gallons.
- As of **March 30, 2004**, the ground water system has processed approximately **3,353,630** gallons.
- The ground water system performance data is included in Table 2 and the remediation system analytical results are included in Enclosure D.
- Ground water is extracted from recovery well RW-1.
- The ground water system was non-operational during late January and early February 2004 due to pump failure.

Soil Vapor Extraction System Performance:

- The SVE system did not operate during the **First Quarter 2004**.
- During the **First Quarter 2004**, the SVE system removed **0.0** pounds of vapor equivalent gasoline.
- As of **November 26, 2003**, the SVE system has removed approximately **210.5** pounds (**34.5** gallons) of vapor equivalent gasoline.
- The SVE analytical results are summarized in Table 3 and the SVE system performance data is included in Table 4.
- Soil vapor extraction was formerly conducted on wells MW-2, MW-3 and RW-1.
- The SVE system will be rehabilitated during the **Second Quarter, 2004**.

Air Sparging System Performance:

- The air sparging system did not operate during the **First Quarter 2004**.
- Air sparging is currently being conducted on monitoring wells MW-2 and MW-4 and air sparging wells AS-1, AS-2 and AS-3.
- The air compressor is on a 50/50 duty cycle.
- The air sparge system will be rehabilitated during the **Second Quarter, 2004**.

Mr. Jeff Baker
Tesoro Petroleum Companies, Inc.
May 19, 2004
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CONCLUSIONS/RECOMMENDATIONS

RDM recommends continued operation of the remediation system and quarterly ground water monitoring. Due to the persistent elevated concentrations of dissolved petroleum hydrocarbons in ground water in the vicinity of monitoring wells MW-10 and MW-11, RDM began conducting monthly dewatering events on these wells utilizing a vacuum truck. These monthly vacuum events will continue until MW-3, MW-10 and recovery well RW-2 can be brought on line as ground water recovery wells utilizing the existing remediation system.

In addition, RDM recommends adding an ozone generator to the existing air sparging system to evaluate the effectiveness of ozone in eliminating the elevated concentrations of dissolved MTBE in the vicinity of the site. RDM recently submitted a work plan to convert MW-3 and MW-10 to recovery wells, and install a new recovery well (RW-2) on site. RDM anticipates these new ground water recovery wells will be completed in the **Second Quarter 2004**.

The interpretations contained in this report represent our professional opinions and are based, in part, on information supplied by the client. These opinions are based on currently available information and are arrived at in accordance with currently accepted hydrogeologic and engineering practices at this time and location. Other than this, no warranty is implied or intended.

RDM recommends a copy of this report be forwarded to the following people:


Ms. Eva Chu
Alameda County
Environmental Health Department
470 27th Street, Room 322
Oakland, CA 94612

Mr. Steven Ritchie – California Regional Water Quality Control Board
San Francisco Bay Region
1515 Clay Street, Suite 1400
Oakland, CA 94612

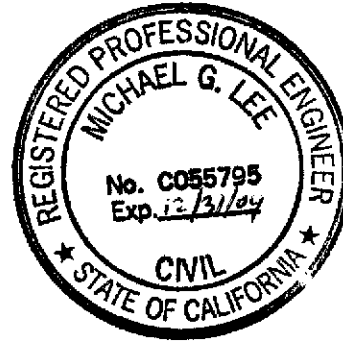
Mr. Jeff Baker
Tesoro Petroleum Companies, Inc.
May 19, 2004
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If you have any questions concerning this project, please contact Richard Munsch at (916) 771-7098.

RDM ENVIRONMENTAL


Richard D. Munsch
Project Manager


Michael G. Lee, P.E.
California Registered Civil Engineer No. C055795



RDM (67107 1Q GWM 3-28-04.doc)

Enclosures:

- Enclosure A: Site Background Information
- Enclosure B: Ground Water Sampling Information
- Enclosure C: Ground Water Monitoring Analytical Results
- Enclosure D: Remediation System Analytical Results

TABLE 1

GROUND WATER MONITORING DATA

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

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

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Monitoring Well	Date	Top of Riser Elevation (ft)	Depth to Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)	Oxygenates (µg/L)	Comments
MW-1	05/28/98	43.67	NM	NC	120	<10	39	55	7,800	9,300	NA	No free product or sheen
(Cont.)	08/19/98		14.58	29.09	12	<2.5	6.0 ^c	3.8 ^c	<250 ^c	2,200	NA	No free product or sheen
	11/17/98		15.39	28.28	8.3	<2.5	9.2	7.6	860	4,200	NA	No free product or sheen
	02/18/99		13.52	30.15	2.7	<2.5	<2.5	3.9	310	4,200	NA	No free product or sheen
	06/24/99		15.02	28.65	10	<2.5	12	6.5	860	3,400	NA	No free product or sheen
	08/30/99		15.87	27.80	2.0	<0.5	3.9	2.0	140	2,800	NA	No free product or sheen
	11/09/99		16.65	27.02	<0.5	<0.5	3.1	2.0	170	1,500	NA	No free product or sheen
	03/22/00		13.96	29.71	2.8	<2.0	3.6	<2.0	<200	1,200	NA	No free product or sheen
	06/12/00		15.23	28.44	1.3	<1.0	<1.0	<1.0	190	640	NA	No free product or sheen
	11/15/00		17.05	26.62	<1.0	<0.1	<1.0	<1.0	240	960	NA	No free product or sheen
	02/26/01		15.46	28.21	1.2	<1.0	<1.0	<1.0	<100	2,800	NA	No free product or sheen
	05/21/01		16.22	27.45	<2.0	<2.0	<2.0	<2.0	<200	540	NA	No free product or sheen
	09/05/01		11.25	32.42	7.0	<2.0	<2.0	<2.0	<200	550	NA	No free product or sheen
	11/07/01		18.01	25.66	<2.0	<2.0	<2.0	<2.0	290	750	NA	No free product or sheen
	02/11/02	45.98	15.77	30.21	<1.0	<1.0	<1.0	<1.0	270	450	NA	No free product or sheen
	06/03/02		16.35	29.63	<2.0	<2.0	<2.0	<2.0	310	610	26 ^e	No free product or sheen
	08/06/02		17.00	28.98	<0.5	<0.5	<0.5	<0.5	170	540	20 ^e	No free product or sheen
	11/14/02		16.93	29.05	<2.0	<2.0	<2.0	<2.0	490	900	ND	No free product or sheen
	02/20/03		15.74	30.24	<1.0	<1.0	<1.0	<1.0	210	320	ND	No free product or sheen
	05/15/03		15.60	30.38	<1.5	<1.5	<1.5	<1.5	400	670	ND	No free product or sheen
	07/31/03		16.60	29.38	<1.5	<1.5	<1.5	<1.5	380	620	ND	No free product or sheen
	10/28/03		17.35	28.63	<1.0	<1.0	<1.0	<1.0	230	470	ND	No free product or sheen
	02/28/04		14.65	31.33	<0.5	<0.5	<0.5	<0.5	300	400	ND	No free product or sheen

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

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MW-2	02/18/99	43.09	14.07	29.02	<0.5	<0.5	<0.5	<0.5	<50	13,000	NA	No free product or sheen
(Cont.)	06/24/99		14.70	28.39	<15	<0.5	<0.5	<0.5	180	39,000	NA	No free product or sheen
	08/30/99		15.46	27.63	<25	<25	<25	<25	<2,500	18,000	NA	No free product or sheen
	11/09/99		16.03	27.06	<5.0	<5.0	<5.0	<5.0	<500	14,000	NA	No free product or sheen
	03/22/00		13.05	30.04	<5.0	<5.0	<5.0	<5.0	<500	54,000	NA	No free product or sheen
	06/12/00		14.50	28.59	<20	<20	<20	<20	<2,000	53,000	NA	No free product or sheen
	11/15/00		16.28	26.81	<50	<50	<50	<50	<5,000	35,000	NA	No free product or sheen
	02/26/01		14.98	28.11	<20	<20	<20	<20	<2,000	2,800	NA	No free product or sheen
	05/21/01		15.45	27.64	<25	<25	<25	<25	<5,000	20,000	NA	No free product or sheen
	09/05/01		15.17	27.92	<20	<20	<20	<20	<2,000	12,000	NA	No free product or sheen
	11/07/01		17.05	26.04	<20	<20	<20	<20	<2,000	7,600	NA	No free product or sheen
	02/11/02	45.23	13.29	31.94	<5.0	<5.0	<5.0	<5.0	<500	1,500	NA	No free product or sheen
	06/03/02		14.84	30.39	<5.0	<5.0	<5.0	<5.0	<500	2,200	190 ^e	No free product or sheen
	08/06/02		14.85	30.38	<5.0	<5.0	<5.0	<5.0	<500	3,300	110 ^e	No free product or sheen
	11/14/02		15.35	29.88	<10	<10	<10	<10	<1,000	3,200	120 ^e	No free product or sheen
	02/20/03		14.08	31.15	<0.5	<0.5	<0.5	<0.5	<50	160	ND	No free product or sheen
	05/15/03		14.55	30.68	<0.5	<0.5	<0.5	<0.5	<50	270	ND	No free product or sheen
	07/31/03		15.30	29.93	<0.5	<0.5	<0.5	<0.5	<50	300	ND	No free product or sheen
	10/28/03		14.93	30.30	<0.5	<0.5	<0.5	<0.5	<50	1,600	20 ^e , 1.8 ^f	No free product or sheen
	02/28/04		13.56	31.67	<0.5	<0.5	<0.5	<0.5	<50	340	ND	No free product or sheen

TABLE 1

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

TABLE 1

GROUND WATER MONITORING DATA

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

Monitoring Well	Date	Top of Riser Elevation (ft)	Depth to Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)	Oxygenates (µg/L)	Comments
MW-3	03/31/98	43.10	11.55	31.55	1,800	600	410	1,400	12,000	510	NA	No free product or sheen
(Cont.)	05/26/98		12.80	30.30	NS	NS	NS	NS	NS	NS	NA	No free product or sheen
	05/28/98		NM	NC	1,500	400	280	870	6,500	480	NA	No free product or sheen
	08/19/98		14.27	28.83	130	11	24	60	1,400	140	NA	No free product or sheen
	11/17/98		15.11	27.99	48	3.5	9.9	14	510	120	NA	No free product or sheen
	02/18/99		13.30	29.80	67	28	24	81	690	88	NA	No free product or sheen
	06/24/99		14.44	28.66	27	21	8.6	32	540	61	NA	No free product or sheen
	08/30/99		15.05	28.05	12	12	3.2	13	250	50	NA	No free product or sheen
	11/09/99		15.72	27.38	9.8	5.3	3.4	10	230	48	NA	No free product or sheen
	03/22/00		13.21	29.89	180	47	46	100	1,500	80	NA	No free product or sheen
	06/12/00		14.31	28.79	100	6.2	20	25	920	76	NA	No free product or sheen
	11/15/00		16.13	26.97	280	5.0	21	20	1,100	140	NA	No free product or sheen
	02/26/01		14.48	28.62	14	4.3	3.1	11	140	230	NA	No free product or sheen
	05/21/01		15.30	27.80	36	0.72	1.0	2.2	510	280	NA	No free product or sheen
	09/05/01		16.10	27.00	59	0.53	0.75	0.57	390	620	NA	No free product or sheen
	11/07/01		17.40	25.70	170	2.3	4.9	4.8	830	900	NA	No free product or sheen
	02/11/02	45.21	13.56	31.65	17	<2.5	4.7	7.9	370	1,200	NA	No free product or sheen
	06/03/02		15.54	29.67	120	<2.5	5.6	8.4	460	1,400	140 ^e	No free product or sheen
	08/06/02		16.20	29.01	110	<5.0	<5.0	<5.0	800	2,200	170 ^e	No free product or sheen
	11/14/02		16.50	28.71	89	<10	<10	<10	1,400	2,800	210 ^e	No free product or sheen
	02/20/03		14.99	30.22	14	<5.0	<5.0	<5.0	<500	2,300	97 ^e	No free product or sheen
	05/15/03		14.96	30.25	43	<5.0	<5.0	<5.0	<500	2,000	87 ^e	No free product or sheen
	07/31/03		15.40	29.81	280	<5.0	6.6	7.4	1,500	1,600	130 ^e	No free product or sheen
	10/28/03		16.20	29.01	140	1.6	6.5	4.0	2,200	1,100	74 ^e , 0.75 ^f	No free product or sheen
	02/28/04		13.86	31.35	99	31.0	12.0	52.0	1,200	1,500	82 ^e	No free product or sheen

TABLE I

GROUND WATER MONITORING DATA

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

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

TABLE 1

GROUND WATER MONITORING DATA

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

Monitoring Well	Date	Top of Riser Elevation (ft)	Depth to Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)	Oxygenates (µg/L)	Comments
MW-4	11/17/98	44.66	16.93	27.73	1.3	<0.5	<0.5	<0.5	<50	780	NA	No free product or sheen
(Cont.)	02/18/99		15.30	29.36	8.2	<0.5	<0.5	<0.5	130	240	NA	No free product or sheen
	06/24/99		16.35	28.31	<1.0	<0.5	<0.5	<0.5	<50	2,100	NA	No free product or sheen
	08/30/99		17.12	27.54	NS	NS	NS	NS	NS	NS	NS	Not sampled
	11/09/99		17.60	27.06	<0.5	<0.5	<0.5	<0.5	<50	2,500	NA	No free product or sheen
	03/22/00		14.98	29.68	<0.5	<0.5	<0.5	<0.5	69	12,000	NA	No free product or sheen
	06/12/00		16.26	28.40	<20	<20	<20	<20	<2,000	17,000	NA	No free product or sheen
	11/15/00		17.98	26.68	<1.0	<1.0	<1.0	<1.0	<100	17,000	NA	No free product or sheen
	02/26/01		16.31	28.35	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	05/21/01		17.15	27.51	<25	<25	<25	<25	<5,000	13,000	NA	No free product or sheen
	09/05/01		18.22	26.44	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	11/07/01		19.01	25.65	<10	<10	<10	<10	<1,000	3,800	NA	No free product or sheen
	02/11/02	46.98	16.68	30.30	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	06/03/02		17.29	29.69	<2.0	<2.0	<2.0	<2.0	<200	1,100	38 ^c , 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

TABLE 1

GROUND WATER MONITORING DATA

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

Monitoring Well	Date	Top of Riser Elevation (ft)	Depth to Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)	Oxygenates (µg/L)	Comments
MW-5	02/18/92	43.79	17.37	26.42	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	
	05/14/92		17.29	26.50	<0.5	<0.05	<0.5	<0.5	<50	NA	NA	
	08/27/92		22.18	21.61	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	
	11/19/92		20.68	23.11	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	
	02/03/93		15.91	27.88	3.0	2.7	8.0	9.9	55	NA	NA	
	06/23/93		16.24	27.55	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	No free product or sheen
	09/22/93		17.93	25.86	0.66	1.1	<0.5	0.6	<50	NA	NA	No free product or sheen
	01/24/94		17.82	25.97	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	
	04/07/94		16.91	26.88	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	No free product or sheen
	06/07/94		17.10	26.69	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	No free product or sheen
	09/28/94		18.73	25.06	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	No free product or sheen
	12/14/94		17.53	26.26	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	No free product or sheen
	03/15/95		14.96	28.83	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	No free product or sheen
	06/13/95		15.30	28.49	<0.5	0.52	<0.5	<0.5	<50	NA	NA	No free product or sheen
	09/28/95		16.74	27.05	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	No free product or sheen
	12/28/95		15.10	28.69	<0.5	<0.5	<0.5	<0.5	120	<5.0	NA	No free product or sheen
	03/12/96		13.67	30.12	<0.5	<0.5	<0.5	<0.5	<50	9	NA	No free product or sheen
	06/11/96		14.88	28.91	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
	10/02/96		16.42	27.37	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
	01/28/97		12.83	30.96	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
	05/20/97		15.33	28.46	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
	08/18/97		16.69	27.10	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
	09/29/97		NM	NC	NS	NS	NS	NS	NS	NS	NA	Not measured
	11/05/97		17.37	26.42	<0.5	<0.5	<0.5	<0.5	<50	<5.0/<0.5 ^b	NA	No free product or sheen
	03/31/98		12.40	31.39	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
	05/26/98		13.62	30.17	NS	NS	NS	NS	NS	NS	NS	No free product or sheen
	05/28/98		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
	08/19/98		15.19	28.60	<0.5	<0.5	<0.5	<0.5	<50	7.1	NA	No free product or sheen
	11/17/98		15.89	27.90	<0.5	<0.5	<0.5	<0.5	<50	6.3	NA	No free product or sheen

TABLE 1

GROUND WATER MONITORING DATA

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

Monitoring Well	Date	Top of Riser Elevation (ft)	Depth to Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)	Oxygenates (µg/L)	Comments
MW-5	02/18/99	43.79	14.23	29.56	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
(Cont.)	06/24/99		15.29	28.50	NS	NS	NS	NS	NS	NS	NS	Not sampled
	08/30/99		16.07	27.72	NS	NS	NS	NS	NS	NS	NS	Not sampled
	11/09/99		16.61	27.18	NS	NS	NS	NS	NS	NS	NS	Not sampled
	03/22/00		13.81	29.98	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
	06/12/00		15.08	28.71	NS	NS	NS	NS	NS	NS	NS	Not sampled
	11/15/00		16.71	27.08	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	02/26/01		15.05	28.74	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	05/21/01		15.91	27.88	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	09/05/01		16.99	26.80	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	11/07/01		17.51	26.28	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	02/11/02	46.12	14.31	31.81	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	06/03/02		14.96	31.16	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	08/06/02		15.65	30.47	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	11/14/02		15.69	30.43	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	02/20/03		14.19	31.93	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	05/15/03		15.44	30.68	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	07/31/03		16.48	29.64	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	10/28/03		16.92	29.20	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	02/28/04		14.64	31.48	NS	NS	NS	NS	NS	NS	NA	Not Sampled

TABLE 1

GROUND WATER MONITORING DATA

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

Monitoring Well	Date	Top of Riser Elevation (ft)	Depth to Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)	Oxygenates (µg/L)	Comments
MW-6	02/18/92	42.47	15.87	26.60	4.8	<0.5	<0.5	<0.5	370	NA	NA	
	05/14/92		16.04	26.43	<0.5	<0.5	<0.5	<0.5	120	NA	NA	
	08/27/92		18.17	24.30	1.2	<0.5	<0.5	<0.5	<50	NA	NA	
	11/19/92		19.30	23.17	1.3	<0.5	1	1.1	66	NA	NA	
	02/03/93		14.60	27.87	1.9	2.6	23	12	100	NA	NA	
	06/23/93		15.00	27.47	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	No free product or sheen
	09/22/93		16.66	25.81	2.2	3.8	0.53	2.7	81	NA	NA	No free product or sheen
	01/24/94		16.52	25.95	<0.5	<0.5	<0.5	<0.5	98	NA	NA	
	04/07/94		15.70	26.77	0.71	<0.5	<0.5	<0.5	150	NA	NA	No free product or sheen
	06/07/94		15.88	26.59	<0.5	<0.5	<0.5	<0.5	180	NA	NA	No free product or sheen
	09/28/94		17.51	24.96	<0.5	<0.5	<0.5	<0.5	100	NA	NA	No free product or sheen
	12/14/94		16.27	26.20	<0.5	<0.5	<0.5	<0.5	140	NA	NA	No free product or sheen
	03/15/95		13.52	28.95	<0.5	<0.5	<0.5	<0.5	110	NA	NA	No free product or sheen
	06/13/95		13.96	28.51	<0.5	0.87	<0.5	<0.5	150 ^a	NA	NA	No free product or sheen
	09/28/95		15.61	26.86	0.78	<0.5	<0.5	<0.5	<50	NA	NA	No free product or sheen
	12/28/95		15.54	26.93	<0.5	<0.5	<0.5	6.3	410	70	NA	No free product or sheen
	01/30/96		NM	NC	1.0	<0.5	<0.5	11	81	46	NA	Not measured
	03/12/96		11.88	30.59	<0.5	<0.5	<0.5	<0.5	<50	7	NA	No free product or sheen
	06/11/96		13.52	28.95	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
	10/02/96		15.10	27.37	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
	01/28/97		11.18	31.29	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
	05/20/97		14.00	28.47	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
	08/18/97		15.54	26.93	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
	09/29/97		NM	NC	NS	NS	NS	NS	NS	NS	NS	Not measured
	11/05/97		16.25	26.22	<0.5	<0.5	<0.5	<0.5	<50	<5.0/2.8 ^b	NA	No free product or sheen
	03/31/98		10.60	31.87	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
	05/26/98		12.01	30.46	NS	NS	NS	NS	NS	NS	NS	No free product or sheen
05/28/98		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen	
08/19/98		13.60	28.87	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen	

TABLE 1

GROUND WATER MONITORING DATA

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

Monitoring Well	Date	Top of Riser Elevation (ft)	Depth to Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)	Oxygenates (µg/L)	Comments
MW-6 (Cont.)	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	NS	NA	Not Sampled

TABLE 1

GROUND WATER MONITORING DATA

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

Monitoring Well	Date	Top of Riser Elevation (ft)	Depth to Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)	Oxygenates (µg/L)	Comments
MW-7	02/18/92	41.54	15.51	26.03	16	<0.5	10	16	670	NA	NA	
	05/14/92		15.41	26.13	44	<0.5	38	88	1,500	NA	NA	
	08/27/92		17.45	24.09	400	5.8	290	1,400	23,000	NA	NA	
	11/19/92		18.54	23.00	29	<0.5	10	53	330	NA	NA	
	02/03/93		14.10	27.44	200	<0.5	110	480	2,000	NA	NA	
	06/23/93		14.33	27.21	20	<0.5	16	16	280	NA	NA	No free product or sheen
	09/22/93		15.92	25.62	71	2.2	33	210	860	NA	NA	No free product or sheen
	01/24/94		16.07	25.47	61	<1.3	10	160	900	NA	NA	
	04/07/94		15.10	26.44	53	<0.5	7.1	49	630	NA	NA	
	06/07/94		15.16	26.38	55	<0.5	14	24	730	NA	NA	No free product or sheen
	09/28/94		16.82	24.72	21	<0.5	2.3	3.1	300	NA	NA	No free product or sheen
	12/14/94		15.75	25.79	19	<0.5	3.3	32	430	NA	NA	No free product or sheen
	03/15/95		14.00	27.54	0.88	<0.5	<0.5	<0.5	70	NA	NA	No free product or sheen
	06/13/95		13.44	28.10	7.3	0.79	7.6	8.9	190	NA	NA	No free product or sheen
	09/28/95		14.84	26.70	1.5	<0.5	1.2	0.84	60	NA	NA	No free product or sheen
	12/28/95		14.55	26.99	<0.5	<0.5	0.91	0.69	60	10	NA	No free product or sheen
	03/12/96		11.88	29.66	<0.5	<0.5	<0.5	<0.5	<50	11	NA	No free product or sheen
	06/11/96		13.52	28.58	<0.5	<0.5	<0.5	<0.5	79	16	NA	No free product or sheen
	10/02/96		14.50	27.04	<0.5	<0.5	<0.5	<0.5	<50	26	NA	No free product or sheen
	01/28/97		11.08	30.46	<0.5	<0.5	<0.5	<0.5	<50	13	NA	No free product or sheen
	05/20/97		13.46	28.08	<0.5	0.85	<0.5	<0.5	78	40	NA	No free product or sheen
	08/18/97		14.95	26.59	<0.5	<0.5	<0.5	<0.5	<50	18	NA	No free product or sheen
	09/29/97		NM	NC	NS	NS	NS	NS	NS	NS	NS	Not measured
	11/05/97		15.43	26.11	<0.5	<0.5	<0.5	<0.5	<50	8.9/8.0 ^b	NA	No free product or sheen
	03/31/98		10.25	31.29	<0.5	<0.5	<0.5	1.3	<5.0	6	NA	No free product or sheen
	05/26/98		11.45	30.09	NS	NS	NS	NS	NS	NS	NS	No free product or sheen
	05/28/98		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	10	NA	No free product or sheen
	08/19/98		13.08	28.46	<0.5	<0.5	<0.5	<0.5	<50	27	NA	No free product or sheen
	11/17/98		13.93	27.61	<0.5	<0.5	<0.5	<0.5	<50	30	NA	No free product or sheen

TABLE 1

GROUND WATER MONITORING DATA

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

Monitoring Well	Date	Top of Riser Elevation (ft)	Depth to Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)	Oxygenates (µg/L)	Comments
MW-7	02/18/99	41.54	12.16	29.38	<0.5	<0.5	<0.5	<0.5	51	22	NA	No free product or sheen
(Cont.)	06/24/99		13.35	28.19	NS	NS	NS	NS	NS	NS	NS	Not sampled
	08/30/99		14.23	27.31	NS	NS	NS	NS	NS	NS	NS	Not sampled
	11/09/99		14.60	26.94	<0.5	<0.5	<0.5	<0.5	<50	16	NA	No free product or sheen
	03/22/00		11.91	29.63	<0.5	<0.5	<0.5	<0.5	<50	18	NA	No free product or sheen
	06/12/00		13.28	28.26	NS	NS	NS	NS	NS	NS	NS	Not sampled
	11/15/00		15.12	26.42	<0.5	<0.5	<0.5	<0.5	<50	17	NA	No free product or sheen
	02/26/01		13.46	28.08	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	05/21/01		14.31	27.23	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	09/05/01		15.42	26.12	NS	NS	NS	NS	NS	NS	NA	Not Sampled
	11/07/01		16.18	25.36	<0.5	<0.5	<0.5	<0.5	<50	5.4	NA	Not Sampled
	02/11/02	43.85	13.76	30.09	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	06/03/02		14.33	29.52	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	08/06/02		15.04	28.81	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	11/14/02		15.05	28.80	<0.5	<0.5	<0.5	<0.5	<0.5	0.64	ND	No free product or sheen
	02/20/03		14.01	29.84	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	05/15/03		13.81	30.04	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	07/31/03		14.99	28.86	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	10/28/03		15.48	28.37	<0.5	<0.5	<0.5	<0.5	<0.5	<50	ND	No free product or sheen
	02/28/04		12.87	30.98	NS	NS	NS	NS	NS	NS	NA	Not Sampled

TABLE 1

GROUND WATER MONITORING DATA

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

Monitoring Well	Date	Top of Riser Elevation (ft)	Depth to Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)	Oxygenates (µg/L)	Comments
MW-8	02/18/92	42.26	16.57	25.69	<0.5	<0.5	9.5	<0.5	1,200	NA	NA	
	05/14/92		16.24	26.02	<0.5	<0.5	<0.5	<0.5	130	NA	NA	
	08/27/92		18.28	23.98	<0.5	<0.5	<0.5	<0.5	140	NA	NA	
	11/19/92		19.32	22.94	<0.5	<0.5	2.0	<0.5	320	NA	NA	
	02/03/93		14.87	27.39	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	
	06/23/93		15.18	27.08	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	No free product or sheen
	09/22/93		18.79	23.47	<0.5	0.67	<0.5	<0.5	<50	NA	NA	No free product or sheen
	01/24/94		17.06	25.20	<0.5	<0.5	<0.5	<0.5	290	NA	NA	
	04/07/94		15.95	26.31	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	No free product or sheen
	06/07/94		15.10	27.16	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	No free product or sheen
	09/28/94		17.63	24.63	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	No free product or sheen
	12/14/94		16.66	25.60	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	No free product or sheen
	03/15/95		14.30	27.96	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	No free product or sheen
	06/13/95		14.37	27.89	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	No free product or sheen
	09/28/95		15.62	26.64	NS	NS	NS	NS	NS	NA	NA	No free product or sheen
	12/28/95		15.62	26.64	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
	03/12/96		12.75	29.51	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
	06/11/96		13.94	28.32	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
	10/02/96		15.41	26.85	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
	01/28/97		12.30	29.96	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
	05/20/97		14.42	27.84	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
	08/18/97		16.16	26.10	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
	09/29/97		NM	NC	NS	NS	NS	NS	NS	NS	NS	Not measured
	11/05/97		16.25	26.01	<0.5	<0.5	<0.5	<0.5	<50	<5.0/<0.5 ^b	NA	No free product or sheen
	03/31/98		11.49	30.77	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
	05/26/98		12.60	29.66	NS	NS	NS	NS	NS	NS	NS	No free product or sheen
	05/28/98		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
	08/19/98		14.15	28.11	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free Product or sheen
	11/17/98		14.98	27.28	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen

TABLE 1

GROUND WATER MONITORING DATA

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

Monitoring Well	Date	Top of Riser Elevation (ft)	Depth to Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)	Oxygenates (µg/L)	Comments
MW-8	02/18/99	42.26	13.41	28.85	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
(Cont.)	06/24/99		14.35	27.91	NS	NS	NS	NS	NS	NS	NS	Not sampled
	08/30/99		15.16	27.10	NS	NS	NS	NS	NS	NS	NS	Not sampled
	11/09/99		15.61	26.65	NS	NS	NS	NS	NS	NS	NS	Not sampled
	03/22/00		13.17	29.09	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
	06/12/00		14.19	28.07	NS	NS	NS	NS	NS	NS	NS	Not sampled
	11/15/00		16.04	26.22	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	02/26/01		12.99	29.27	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	05/21/01		13.86	28.40	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	09/05/01		14.91	27.35	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	11/07/01		15.62	26.64	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	02/11/02	44.85	13.55	31.30	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	06/03/02		13.96	30.89	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	08/06/02		15.82	29.03	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	11/14/02		15.86	28.99	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	02/20/03		14.70	30.15	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	05/15/03		14.50	30.35	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	07/31/03		15.73	29.12	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	10/28/03		16.14	28.71	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	02/28/04		14.02	30.83	NS	NS	NS	NS	NS	NS	NA	Not Sampled

TABLE 1

GROUND WATER MONITORING DATA

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

Monitoring Well	Date	Top of Riser Elevation (ft)	Depth to Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)	Oxygenates (µg/L)	Comments
MW-9	02/18/92	44.94	18.87	26.07	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	
	05/14/92		18.55	26.39	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	
	08/27/92		20.80	24.14	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	
	11/19/92		21.90	23.04	<0.5	<0.5	<0.5	1.3	<50	NA	NA	
	02/03/93		17.25	27.69	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	
	06/23/93		17.61	27.33	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	No free product or sheen
	09/22/93		19.18	25.76	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	No free product or sheen
	01/24/94		19.17	25.77	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	
	04/07/94		18.23	26.71	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	No free product or sheen
	06/07/94		18.40	26.54	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	No free product or sheen
	09/28/94		20.01	24.93	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	No free product or sheen
	12/14/94		18.88	26.06	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	No free product or sheen
	03/15/95		16.24	28.70	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	No free product or sheen
	06/13/95		16.75	28.19	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	No free product or sheen
	09/28/95		18.04	26.90	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	No free product or sheen
	12/28/95		17.87	27.07	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
	03/12/96		NM	NC	NS	NS	NS	NS	NS	NS	NS	Not measured
	06/11/96		16.26	28.68	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
	10/02/96		17.74	27.20	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
	01/28/97		14.51	30.43	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
	05/20/97		16.73	28.21	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
	08/18/97		NM	NC	NS	NS	NS	NS	NS	NS	NS	Not measured
	09/29/97		NM	NC	NS	NS	NS	NS	NS	NS	NS	Not measured
	11/05/97		18.61	26.33	<0.5	<0.5	<0.5	<0.5	<50	<5.0/<0.5 ^b	NA	No free product or sheen
	03/31/98		NM	NC	NS	NS	NS	NS	NS	NS	NS	Not measured
	05/26/98		15.28	29.66	NS	NS	NS	NS	NS	NS	NS	No free product or sheen
	05/28/98		NM	NC	NS	NS	NS	NS	NS	NS	NS	Not measured
	08/19/98		16.55	28.39	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
	11/17/98		17.32	27.62	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen

TABLE 1

GROUND WATER MONITORING DATA

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

Monitoring Well	Date	Top of Riser Elevation (ft)	Depth to Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)	Oxygenates (µg/L)	Comments
MW-9	02/18/99	44.94	15.74	29.20	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
(Cont.)	06/24/99		16.73	28.21	NS	NS	NS	NS	NS	NS	NS	Not sampled
	08/30/99		17.48	27.46	NS	NS	NS	NS	NS	NS	NS	Not sampled
	11/09/99		17.98	26.96	NS	NS	NS	NS	NS	NS	NS	Not sampled
	03/22/00		15.46	29.48	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No free product or sheen
	06/12/00		16.70	28.24	NS	NS	NS	NS	NS	NS	NS	Not sampled
	11/15/00		18.65	26.29	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	02/26/01		14.80	30.14	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	05/21/01		15.68	29.26	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	09/05/01		16.70	28.24	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	11/07/01		17.23	27.71	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	02/11/02	47.26	17.16	30.10	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	06/03/02		17.66	29.60	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	No free product or sheen
	08/06/02		18.26	29.00	<0.5	<0.5	<0.5	<0.5	<50	<0.5	ND	No free product or sheen
	11/14/02		18.33	28.93	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	02/20/03		16.85	30.41	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	05/15/03		16.63	30.63	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	07/31/03		17.58	29.68	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	10/28/03		17.93	29.33	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	02/28/04		16.22	31.04	NS	NS	NS	NS	NS	NS	NA	Not Sampled

TABLE 1

GROUND WATER MONITORING DATA

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

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

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
(Cont.)	11/17/98		15.08	27.26	82	64	590	150	7,500	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 ^c	No free product or sheen
	08/06/02		15.98	28.67	<1.0	5.4	18	18	4,500	310	18 ^c	No free product or sheen
	11/14/02		16.10	28.55	<1.0	<1.0	2.2	6.4	5,200	280	13 ^c	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 ^c	No free product or sheen
	07/31/03		15.63	29.02	<0.5	4.5	20	17	4,700	110	7.5 ^c	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 ^c	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

TABLE 1

GROUND WATER MONITORING DATA

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

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

TABLE 1

GROUND WATER MONITORING DATA

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

Monitoring Well	Date	Top of Riser Elevation (ft)	Depth to Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)	Oxygenates (µg/L)	Comments
MW-11	02/18/99	45.00	16.87	28.13	8.0	<0.5	1.4	<0.5	390	44	NA	No free product or sheen
(Cont.)	06/24/99		17.50	27.50	4.6	<0.5	0.66	<0.5	610	59	NA	No free product or sheen
	08/30/99		18.19	26.81	NS	NS	NS	NS	NS	NS	NS	Not sampled
	11/09/99		18.64	26.36	0.87	<0.5	<0.5	<0.5	250	66	NA	No free product or sheen
	03/22/00		16.52	28.48	<0.5	<0.5	<0.5	<0.5	330	100	NA	No free product or sheen
	06/12/00		17.44	27.56	<0.5	<0.5	<0.5	<0.5	52	49	NA	No free product or sheen
	11/15/00		19.07	25.93	<0.5	<0.5	<0.5	<0.5	<50	1.8	NA	
	02/26/01		17.80	27.20	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	05/21/01		18.23	26.77	<0.5	<0.5	<0.5	<0.5	<50	30	NA	No free product or sheen
	09/05/01		19.21	25.79	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	11/07/01		19.80	25.20	<0.5	<0.5	<0.5	<0.5	360	330	NA	No free product or sheen
	02/11/02	47.36	17.40	29.96	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	06/03/02		18.30	29.06	<0.5	<0.5	<0.5	<0.5	120	220	13 ^c	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	<5.0	360	140	ND	No free product or sheen

TABLE 1

GROUND WATER MONITORING DATA

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

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

TABLE 1

GROUND WATER MONITORING DATA

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

Monitoring Well	Date	Top of Riser Elevation (ft)	Depth to Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)	Oxygenates (µg/L)	Comments
RW-1	11/17/98	43.17	15.54	27.63	7.8	<2.5	5.6	<2.5	630	730	NA	No free product or sheen
(cont)	02/18/99		13.75	29.42	6.7	1.6	3.2	15	180	100	NA	No free product or sheen
	06/24/99		14.96	28.21	<0.5	<0.5	<0.5	<0.5	<50	42	NA	No free product or sheen
	08/30/99		15.75	27.42	<0.5	<0.5	<0.5	<0.5	<50	79	NA	No free product or sheen
	11/09/99		17.45	25.72	<0.5	<0.5	<0.5	<0.5	<50	78	NA	No free product or sheen
	03/22/00		13.51	29.66	1.2	<0.5	<0.5	<0.5	<50	17	NA	No free product or sheen
	06/12/00		13.65	29.52	<0.5	<0.5	<0.5	1.0	<50	40	NA	No free product or sheen
	11/15/00		29.45	13.72	<0.5	<0.5	<0.5	<0.5	<50	290	NA	No free product or sheen
	02/26/01		28.40	14.77	<0.5	<0.5	<0.5	<0.5	<50	360	NA	No free product or sheen
	05/21/01		43.17	27.81	4.1	1.6	1.8	23	100	170	NA	No free product or sheen
	09/05/01		26.90	16.27	33	<0.5	<0.5	<0.5	73	310	NA	No free product or sheen
	11/07/01		28.41	14.76	<0.5	<0.5	<0.5	<0.5	<50	240	NA	No free product or sheen
	02/11/02	45.47	27.61	17.86	<0.5	<0.5	<0.5	<0.5	<50	21	NA	No free product or sheen
	06/03/02		26.90	18.57	<0.5	<0.5	<0.5	<0.5	<50	160	7.7 ^c	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 (cont)	08/06/02		25.56	19.91	<0.5	<0.5	<0.5	<0.5	<50	190	6.0 ^f	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
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-amyl 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	
01/04/01	218,970	70	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	
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	

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	TPH ^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	
05/15/01	159,810	19,620	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	
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	
08/17/01	186,040	40	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	
10/08/01	273,690	34,280	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	
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	
02/13/02	477,300	16,150	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	
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	

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	
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	
07/05/02	976,890	73,970	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	
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	
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	

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

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

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

Site Visit (Date)	Totalizer	Change in Totalizer	Sample ID	Concentrations in Micrograms per liter (µg/L)						ppm		pH
				Benzene	Toluene	Ethyl - Benzene	Total Xylenes	TPHg ^a	MTBE ^b	COD ^c	TSS ^d	
03/20/03	2,012,550	33,610	Influent	5.7	0.72	1.5	5.1	65	260	NA	NA	NA
			Dat-Eff	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	NA
			Mid-1	<0.5	<0.5	<0.5	<0.5	<50	2.3	NS	NS	NS
			Mid-2	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	0.52	<5.0	<1.0	7.42
04/01/03	2,072,600	60,050	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
04/22/03	2,176,680	104,080	Influent	<0.5	<0.5	<0.5	<0.5	<50	120	NA	NA	NA
			Dat-Eff	<0.5	<0.5	<0.5	<0.5	<50	69	NA	NA	NA
			Mid-1	<0.5	<0.5	<0.5	<0.5	<50	70	NS	NS	NS
			Mid-2	<0.5	<0.5	<0.5	<0.5	<50	2.1	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	0.72	16.0	<1.0	7.49
05/14/03	2,286,720	110,040	NS	NS	NS	NS	NS	NS	NS	NS	NS	
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	
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	
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	
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	

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	
09/21/03	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
10/10/03	2,677,470	73,150	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	
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	
01/10/04	2,959,680	3,620	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	
02/13/04	2,959,680	0	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

* = changed out totalizer

** = Field Measurements

ppm = parts per million

Notes:

a) Total Petroleum Hydrocarbon as gasoline

b) Methyl-t-butyl ether

c) C.O.D. = Chemical oxygen demand.

d) T.S.S. = Total suspended solids.

TABLE 3
SVE SYSTEM ANALYTICAL RESULTS

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

Sample I.D.	Date	Benzene (ppmv)	Toluene (ppmv)	Ethyl-benzené (ppmv)	Total Xylenes (ppmv)	TPH as gasoline (ppmv)	MTBE (ppmv)
Influent	4/7/2000	<0.05	<0.05	<0.05	<0.05	<5.0	NA
Mid Air	4/7/2000	<0.05	<0.05	<0.05	<0.05	<5.0	NA
Effluent	4/7/2000	<0.05	<0.05	<0.05	<0.05	<5.0	NA
Influent	5/10/2000	<0.05	<0.05	<0.05	<0.05	<5.0	NA
Mid Air	5/10/2000	<0.05	<0.05	<0.05	<0.05	<5.0	NA
Effluent	5/10/2000	<0.05	<0.05	<0.05	<0.05	<5.0	NA
Influent	6/8/2000	<0.05	<0.05	<0.05	<0.05	<5.0	NA
Mid Air	6/8/2000	<0.05	<0.05	<0.05	<0.05	<5.0	NA
Effluent	6/8/2000	<0.05	<0.05	<0.05	<0.05	<5.0	NA
Influent	11/29/2000	<0.05	<0.05	<0.05	<0.05	<5.0	NA
Mid Air	11/29/2000	<0.05	<0.05	<0.05	<0.05	<5.0	NA
Effluent	11/29/2000	<0.05	<0.05	<0.05	<0.05	<5.0	NA
Influent	12/7/2000	<0.05	<0.05	<0.05	<0.05	<5.0	<0.10
Mid Air	12/7/2000	<0.05	<0.05	<0.05	<0.05	<5.0	<0.10
Effluent	12/7/2000	<0.05	<0.05	<0.05	<0.05	<5.0	<0.10
Influent	1/19/2001	<0.05	<0.05	<0.05	<0.05	<5.0	<0.10
Mid Air	1/19/2001	<0.05	<0.05	<0.05	0.053	<5.0	<0.10
Effluent	1/19/2001	<0.05	<0.05	<0.05	0.071	<5.0	<0.10
Influent	2/23/2001	<0.05	<0.05	<0.05	<0.05	<5.0	<0.10
Mid Air	2/23/2001	<0.05	<0.05	<0.05	<0.05	<5.0	<0.10
Effluent	2/23/2001	<0.05	<0.05	<0.05	<0.05	<5.0	<0.10
Influent	3/1/2001	<0.05	<0.05	<0.05	<0.05	<5.0	<0.10
Mid Air	3/1/2001	<0.05	<0.05	<0.05	<0.05	<5.0	<0.10
Effluent	3/1/2001	<0.05	<0.05	<0.05	0.055	<5.0	<0.10
Influent	4/5/2001	<0.05	<0.05	<0.05	<0.05	<5.0	<0.10
Mid Air	4/5/2001	<0.05	<0.05	<0.05	<0.05	<5.0	<0.10
Effluent	4/5/2001	<0.05	<0.05	<0.05	<0.05	<5.0	<0.10
Influent	5/21/2001	<0.05	<0.05	<0.05	<0.05	<5.0	<0.10
Mid Air	5/21/2001	<0.05	<0.05	<0.05	<0.05	<5.0	<0.10
Effluent	5/21/2001	<0.05	<0.05	<0.05	<0.05	<5.0	<0.10

TABLE 3
SVE SYSTEM ANALYTICAL RESULTS

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

Sample I.D.	Date	Benzene (ppmv)	Toluene (ppmv)	Ethyl-benzene (ppmv)	Total Xylenes (ppmv)	TPH as gasoline (ppmv)	MTBE (ppmv)
Influent	6/21/2001	<0.05	<0.05	<0.05	<0.05	5.3	<0.10
Mid Air	6/21/2001	<0.05	<0.05	<0.05	<0.05	8.4	<0.10
Effluent	6/21/2001	<0.05	<0.05	<0.05	<0.05	<5.0	<0.10
Influent	7/5/2001	<0.05	<0.05	<0.05	<0.05	<5.0	<0.10
Mid Air	7/5/2001	<0.05	<0.05	<0.05	<0.05	<5.0	<0.10
Effluent	7/5/2001	<0.05	<0.05	<0.05	<0.05	<5.0	<0.10
Influent	8/24/2001	<0.05	<0.05	<0.05	<0.05	<5.0	<0.10
Mid Air	8/24/2001	<0.05	<0.05	<0.05	<0.05	<5.0	<0.10
Effluent	8/24/2001	<0.05	<0.05	<0.05	0.066	<5.0	<0.10
Influent	9/6/2001	<0.05	<0.05	<0.05	<0.05	<5.0	<0.10
Mid Air	9/6/2001	<0.05	<0.05	<0.05	<0.05	<5.0	<0.10
Effluent	9/6/2001	<0.05	<0.05	<0.05	<0.05	<5.0	<0.10
Influent	11/23/2001	<0.05	<0.05	<0.05	<0.05	<5.0	NA
Mid Air	11/23/2001	<0.05	<0.05	<0.05	<0.05	<5.0	NA
Effluent	11/23/2001	<0.05	<0.05	<0.05	<0.05	<5.0	NA
Influent	12/13/2001	<0.05	<0.05	<0.05	<0.05	<5.0	NA
Mid Air	12/13/2001	<0.05	<0.05	<0.05	<0.05	<5.0	NA
Effluent	12/13/2001	<0.05	<0.05	<0.05	<0.05	<5.0	NA
Influent	1/17/2002	<0.05	<0.05	<0.05	<0.05	<5.0	<0.1
Mid Air	1/17/2002	<0.05	<0.05	<0.05	<0.05	<5.0	<0.1
Effluent	1/17/2002	<0.05	<0.05	<0.05	<0.05	<5.0	<0.1
Influent	3/20/2002	<0.05	<0.05	<0.05	<0.05	<5.0	NA
Mid Air	3/20/2002	<0.05	<0.05	<0.05	<0.05	<5.0	NA
Effluent	3/20/2002	<0.05	<0.05	<0.05	<0.05	<5.0	NA
Influent	4/18/2002	<0.05	<0.05	<0.05	<0.05	<5.0	0.17
Mid Air	4/18/2002	<0.05	<0.05	<0.05	<0.05	<5.0	<0.10
Effluent	4/18/2002	<0.05	<0.05	<0.05	<0.05	<5.0	<0.10
Influent	5/13/2002	<0.05	<0.05	<0.05	<0.05	<5.0	NA
Mid Air	5/13/2002	<0.05	<0.05	<0.05	<0.05	<5.0	NA
Effluent	5/13/2002	<0.05	<0.05	<0.05	<0.05	<5.0	NA

TABLE 3
SVE SYSTEM ANALYTICAL RESULTS

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

Sample I.D.	Date	Benzene (ppmv)	Toluene (ppmv)	Ethyl-benzene (ppmv)	Total Xylenes (ppmv)	TPH as gasoline (ppmv)	MTBE (ppmv)
Influent	6/12/2002	<0.05	<0.05	<0.05	<0.05	<5.0	<0.10
Mid Air	6/12/2002	<0.05	<0.05	<0.05	<0.05	<5.0	<0.10
Effluent	6/12/2002	<0.05	<0.05	<0.05	<0.05	<5.0	<0.10
Influent	8/21/2002	<0.05	<0.05	<0.05	<0.05	<5.0	NA
Mid Air	8/21/2002	<0.05	<0.05	<0.05	<0.05	<5.0	NA
Effluent	8/21/2002	<0.05	<0.05	<0.05	<0.05	<5.0	NA
Influent	9/23/2002	<0.05	<0.05	<0.05	<0.05	<5.0	<0.10
Mid Air	9/23/2002	<0.05	<0.05	<0.05	<0.05	<5.0	<0.10
Effluent	9/23/2002	<0.05	<0.05	<0.05	<0.05	<5.0	<0.10
Influent	10/21/2002	<0.05	<0.05	<0.05	<0.05	<5.0	<0.10
Mid Air	10/21/2002	<0.05	<0.05	<0.05	<0.05	<5.0	<0.10
Effluent	10/21/2002	<0.05	<0.05	<0.05	<0.05	<5.0	<0.10
Influent	11/24/2002	<0.05	<0.05	<0.05	<0.05	<5.0	<0.10
Mid Air	11/24/2002	<0.05	<0.05	<0.05	<0.05	<5.0	<0.10
Effluent	11/24/2002	<0.05	<0.05	<0.05	<0.05	<5.0	<0.10
Influent	12/20/2002	<0.05	<0.05	<0.05	0.05	<5.0	<0.10
Mid Air	12/20/2002	<0.05	<0.05	<0.05	<0.05	<5.0	<0.10
Effluent	12/20/2002	<0.05	<0.05	<0.05	<0.05	<5.0	<0.10
Influent	1/29/2003	<0.05	<0.05	<0.05	0.05	<5.0	NA
Mid Air	1/29/2003	<0.05	<0.05	<0.05	<0.05	<5.0	NA
Effluent	1/29/2003	<0.05	<0.05	<0.05	<0.05	<5.0	NA
Influent	2/20/2003	<0.05	<0.05	<0.05	<0.05	<5.0	<0.10
Mid Air	2/20/2003	<0.05	<0.05	<0.05	<0.05	<5.0	<0.10
Effluent	2/20/2003	<0.05	<0.05	<0.05	<0.05	<5.0	<0.10
Influent	3/20/2003	<0.05	<0.05	<0.05	0.05	<5.0	<0.10
Mid Air	3/20/2003	<0.05	<0.05	<0.05	<0.05	<5.0	<0.10
Effluent	3/20/2003	<0.05	<0.05	<0.05	<0.05	<5.0	<0.10
Influent	4/22/2003	<0.05	<0.05	<0.05	<0.05	<5.0	<0.10
Mid Air	4/22/2003	<0.05	<0.05	<0.05	<0.05	<5.0	<0.10
Effluent	4/22/2003	<0.05	<0.05	<0.05	<0.05	<5.0	<0.10

TABLE 3
SVE SYSTEM ANALYTICAL RESULTS

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

Sample I.D.	Date	Benzene (ppmv)	Toluene (ppmv)	Ethyl-benzene (ppmv)	Total Xylenes (ppmv)	TPH as gasoline (ppmv)	MTBE (ppmv)
Influent	5/29/2003	<0.05	<0.05	<0.05	<0.05	<5.0	<0.10
Mid Air	5/29/2003	<0.05	<0.05	<0.05	<0.05	<5.0	<0.10
Effluent	5/29/2003	<0.05	<0.05	<0.05	<0.05	<5.0	<0.10
Influent	6/24/2003	<0.05	<0.05	<0.05	<0.05	<5.0	<0.10
Mid Air	6/24/2003	<0.05	<0.05	<0.05	<0.05	<5.0	0.12
Effluent	6/24/2003	<0.05	<0.05	<0.05	<0.05	<5.0	<0.10
Influent	7/21/2003	<0.05	<0.05	<0.05	<0.05	<5.0	<0.10
Mid Air	7/21/2003	<0.05	<0.05	<0.05	<0.05	<5.0	0.13
Effluent	7/21/2003	<0.05	<0.05	<0.05	<0.05	<5.0	<0.10
Influent	8/20/2003	<0.05	<0.05	<0.05	<0.05	<5.0	<0.05
Mid Air	8/20/2003	<0.05	<0.05	<0.05	<0.05	<5.0	<0.05
Effluent	8/20/2003	<0.05	<0.05	<0.05	<0.05	<5.0	<0.05
Influent	9/21/2003	<0.05	<0.05	<0.05	<0.05	5.6	0.067
Mid Air	9/21/2003	<0.05	<0.05	<0.05	<0.05	<5.0	0.12
Effluent	9/21/2003	<0.05	<0.05	<0.05	<0.05	<5.0	<0.05
Influent	10/30/2003	<0.05	<0.05	<0.05	<0.05	<5.0	<0.10
Mid Air	10/30/2003	<0.05	<0.05	<0.05	<0.05	<5.0	<0.10
Effluent	10/30/2003	<0.05	<0.05	<0.05	<0.05	<5.0	<0.10
Influent	11/26/2003	<0.05	<0.05	<0.05	<0.05	<5.0	<0.10
Mid Air	11/26/2003	<0.05	<0.05	<0.05	<0.05	<5.0	<0.10
Effluent	11/26/2003	<0.05	<0.05	<0.05	<0.05	<5.0	<0.10

MTBE = methyl-t-butyl ether
TPH = Total Petroleum Hydrocarbons
ppmv = parts per million by volume
NA = not analyzed

TABLE 4

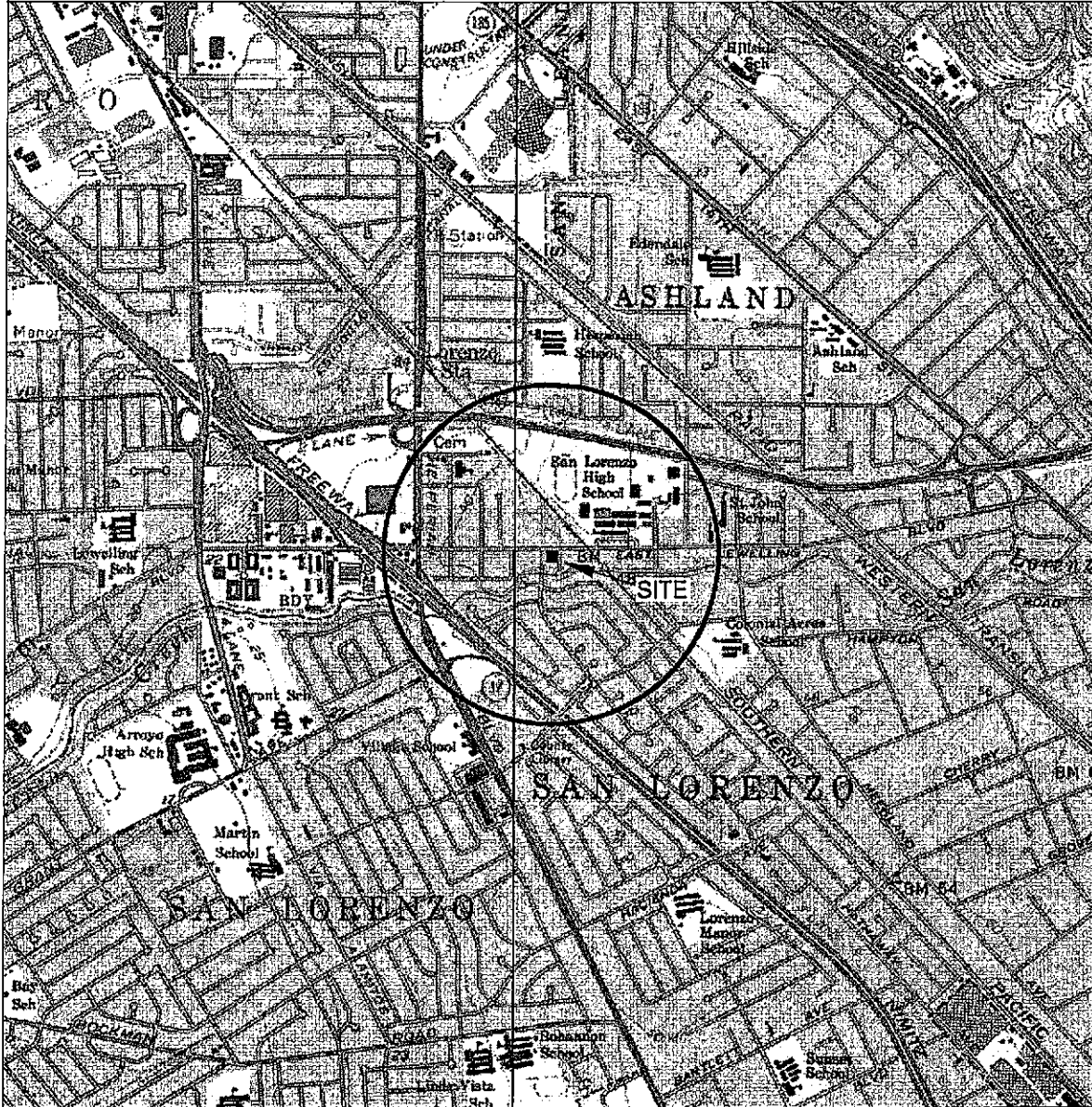
SVE SYSTEM MONITORING

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

Date	Inlet Flow Rate (ft ³ /min)	Stack Flow Rate (ft ³ /min)	SVE		SVE	SVE	SVE	SVE	SVE	SVE	Cumulative Volume of Processed Air (cubic feet)	TPH Extraction (lbs)	Cumulative TPH Extraction (lbs)	Total Hours Operated	Change in Hours of Operation
			TPH Influent (ppmv)	TPH Effluent (ppmv)	Benzene Influent (ppmv)	Benzene Effluent (ppmv)	Extraction Rate (lbs/day)	Mass Emission (lbs/day)	Benzene Extraction Rate (lbs/day)	Benzene Emission Rate (lbs/day)					
04/07/00	105	105	<5.0	<5.0	<0.05	<0.05	< 0.18	< 0.18	< 0.002	< 0.002	5.53 E+05	0.7	NA	15,346	88
05/10/00	124	124	<5.0	<5.0	<0.05	<0.05	< 0.21	< 0.21	< 0.002	< 0.002	5.88 E+06	6.5	7.2	16,138	792
06/08/00	124	124	<5.0	<5.0	<0.05	<0.05	< 0.21	< 0.21	< 0.002	< 0.002	5.17 E+06	3.1	10.3	16,834	696
11/29/00	140	140	<5.0	<5.0	<0.05	<0.05	< 0.24	< 0.24	< 0.002	< 0.002	2.34 E+07	14.0	24.3	19,619	2,785
12/07/00	140	140	<5.0	<5.0	<0.05	<0.05	< 0.24	< 0.24	< 0.002	< 0.002	1.61 E+06	1.0	25.2	19,811	192
01/19/01	170	170	<5.0	<5.0	<0.05	<0.05	< 0.29	< 0.29	< 0.002	< 0.002	1.05 E+07	6.3	31.5	20,841	1,030
02/23/01	130	130	<5.0	<5.0	<0.05	<0.05	< 0.22	< 0.22	< 0.002	< 0.002	6.52 E+06	3.9	35.4	21,677	836
03/01/01	209	209	<5.0	<5.0	<0.05	<0.05	< 0.36	< 0.36	< 0.003	< 0.003	1.83 E+06	1.1	36.5	21,823	146
04/05/01	205	205	<5.0	<5.0	<0.05	<0.05	< 0.35	< 0.35	< 0.003	< 0.003	1.03 E+07	6.2	42.7	22,661	838
05/21/01	220	220	<5.0	<5.0	<0.05	<0.05	< 0.38	< 0.38	< 0.003	< 0.003	6.17 E+06	3.7	46.4	23,128	468
06/21/01	240	240	5.3	<5.0	<0.05	<0.05	< 0.44	< 0.41	< 0.003	< 0.003	1.06 E+07	6.7	53.1	23,864	735
07/05/01	220	220	<5.0	<5.0	<0.05	<0.05	< 0.38	< 0.38	< 0.003	< 0.003	4.38 E+06	2.6	55.7	24,196	332
08/24/01	220	220	<5.0	<5.0	<0.05	<0.05	< 0.38	< 0.38	< 0.003	< 0.003	2.16 E+06	1.3	57.0	24,359	163
09/29/01	240	240	<5.0	<5.0	<0.05	<0.05	< 0.41	< 0.41	< 0.003	< 0.003	4.42 E+06	2.6	59.7	24,666	307
11/23/01	230	230	<5.0	<5.0	<0.05	<0.05	< 0.40	< 0.40	< 0.003	< 0.003	2.58 E+07	15.5	75.1	26,537	1,871
12/13/01	210	210	<5.0	<5.0	<0.05	<0.05	< 0.36	< 0.36	< 0.003	< 0.003	6.05 E+06	3.6	78.8	27,017	480
01/17/02	230	230	<5.0	<5.0	<0.05	<0.05	< 0.40	< 0.40	< 0.003	< 0.003	1.17 E+07	7.0	85.7	27,861	844
03/20/02	230	230	<5.0	<5.0	<0.05	<0.05	< 0.40	< 0.40	< 0.003	< 0.003	2.05 E+07	12.3	98.0	29,347	1,486
04/18/02	230	230	<5.0	<5.0	<0.05	<0.05	< 0.40	< 0.40	< 0.003	< 0.003	9.49 E+06	5.7	103.7	30,035	688
05/13/02	230	230	<5.0	<5.0	<0.05	<0.05	< 0.40	< 0.40	< 0.003	< 0.003	8.29 E+06	5.0	108.7	30,636	601
06/12/02	210	210	<5.0	<5.0	<0.05	<0.05	< 0.36	< 0.36	< 0.003	< 0.003	9.39 E+06	5.6	114.3	31,381	745
08/21/02	230	230	<5.0	<5.0	<0.05	<0.05	< 0.40	< 0.40	< 0.003	< 0.003	2.30 E+07	13.7	128.0	33,044	1,664
09/23/02	228	228	<5.0	<5.0	<0.05	<0.05	< 0.39	< 0.39	< 0.003	< 0.003	1.08 E+07	6.5	134.5	33,832	787
10/21/02	220	220	<5.0	<5.0	<0.05	<0.05	< 0.38	< 0.38	< 0.003	< 0.003	8.92 E+06	5.3	139.8	34,508	676
11/24/02	218	218	<5.0	<5.0	<0.05	<0.05	< 0.38	< 0.38	< 0.003	< 0.003	1.06 E+07	6.4	146.2	35,320	812
12/20/02	218	218	<5.0	<5.0	<0.05	<0.05	< 0.38	< 0.38	< 0.003	< 0.003	8.24 E+06	4.9	151.1	35,950	630
01/29/03	200	200	<5.0	<5.0	<0.05	<0.05	< 0.34	< 0.34	< 0.003	< 0.003	1.15 E+07	6.9	158.0	36,906	956
02/20/03	215	215	<5.0	<5.0	<0.05	<0.05	< 0.37	< 0.37	< 0.003	< 0.003	6.85 E+06	4.1	162.1	37,437	531
03/20/03	210	210	<5.0	<5.0	<0.05	<0.05	< 0.36	< 0.36	< 0.003	< 0.003	8.40 E+06	5.0	167.1	38,104	667
04/22/03	210	210	<5.0	<5.0	<0.05	<0.05	< 0.36	< 0.36	< 0.003	< 0.003	9.98 E+06	6.0	173.1	38,896	792
05/29/03	208	208	<5.0	<5.0	<0.05	<0.05	< 0.36	< 0.36	< 0.003	< 0.003	6.52 E+06	3.9	177.0	39,419	523
06/24/03	210	210	<5.0	<5.0	<0.05	<0.05	< 0.36	< 0.36	< 0.003	< 0.003	7.85 E+06	4.7	181.7	40,042	623
07/21/03	210	210	<5.0	<5.0	<0.05	<0.05	< 0.36	< 0.36	< 0.003	< 0.003	8.18 E+06	4.9	186.6	40,691	649
08/20/03	210	210	<5.0	<5.0	<0.05	<0.05	< 0.36	< 0.36	< 0.003	< 0.003	9.16 E+06	5.5	192.1	41,418	727
09/21/03	210	210	5.6	<5.0	<0.05	<0.05	< 0.41	< 0.36	< 0.003	< 0.003	9.64 E+06	6.5	198.6	42,183	765
10/30/03	210	210	<5.0	<5.0	<0.05	<0.05	< 0.36	< 0.36	< 0.003	< 0.003	1.26 E+07	7.5	206.1	43,179	996
11/26/03	210	210	<5.0	<5.0	<0.05	<0.05	< 0.36	< 0.36	< 0.003	< 0.003	7.32 E+06	4.4	210.5	43,760	581

TPH = Total petroleum hydrocarbons.

ppmv = Parts per million by volume.



T3S.

R2W.

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



QUADRANGLE LOCATION



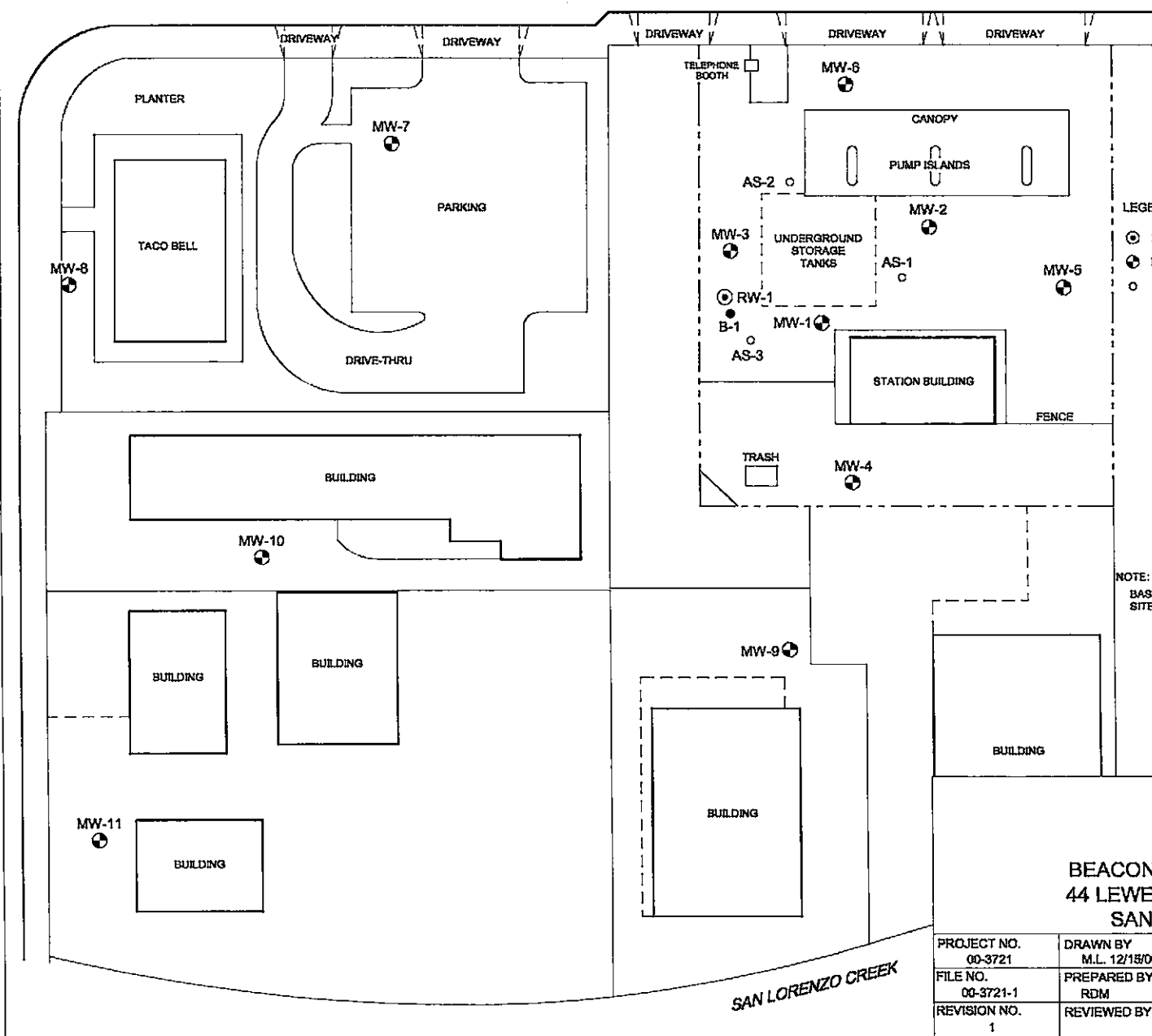
FIGURE 1
 SITE LOCATION MAP

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



LEWELLING BOULEVARD



- LEGEND:
- ⊕ RW-1 RECOVERY WELL LOCATION
 - ⊙ MW-1 MONITORING WELL LOCATION
 - AS-1 AIR SPARGING WELL LOCATION

NOTE:
BASE MAP ADAPTED FROM RESNA FIGURE DATED 1/8/82
SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED

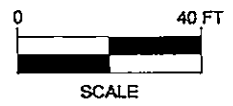


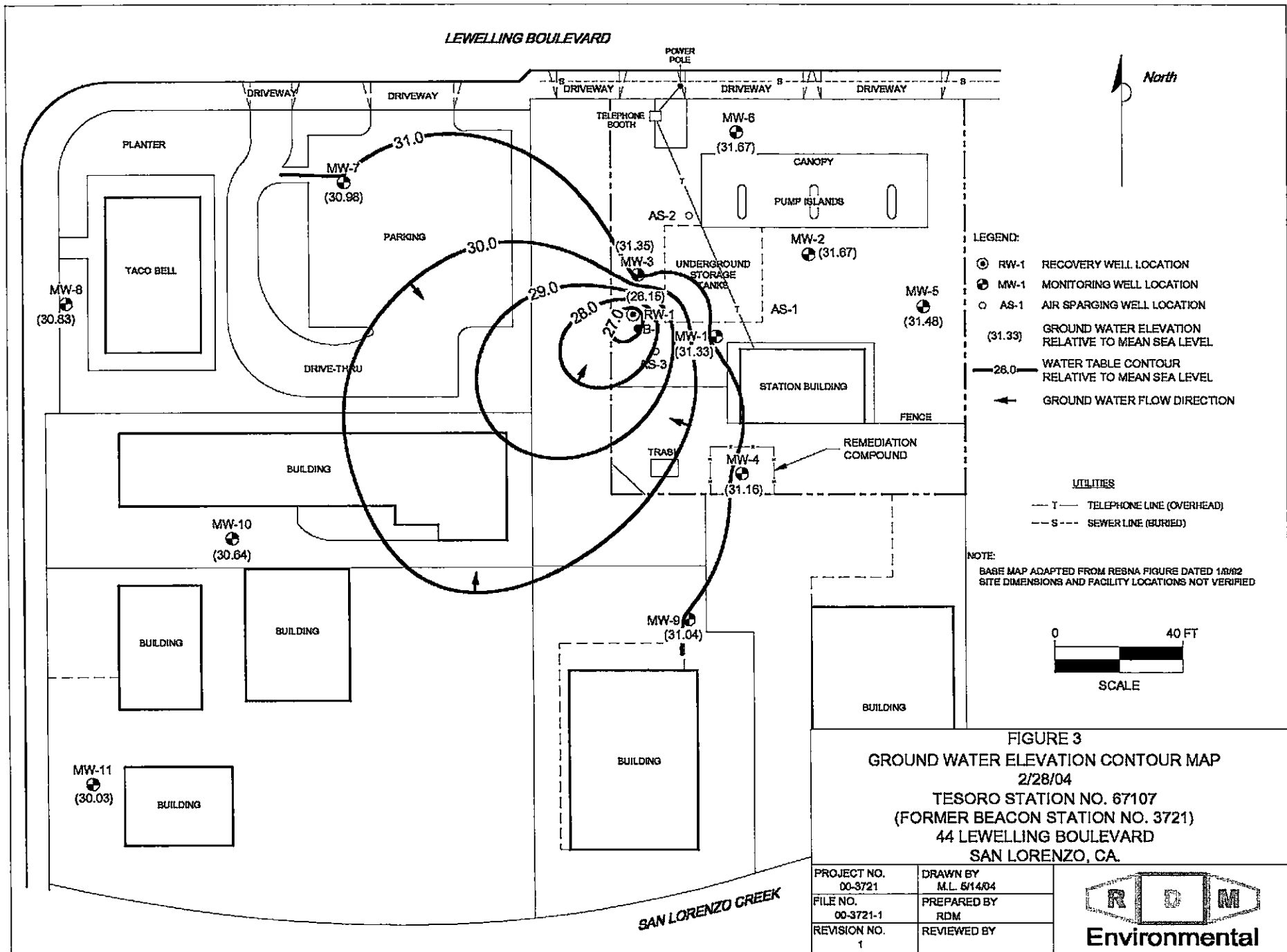
FIGURE 2
SITE MAP

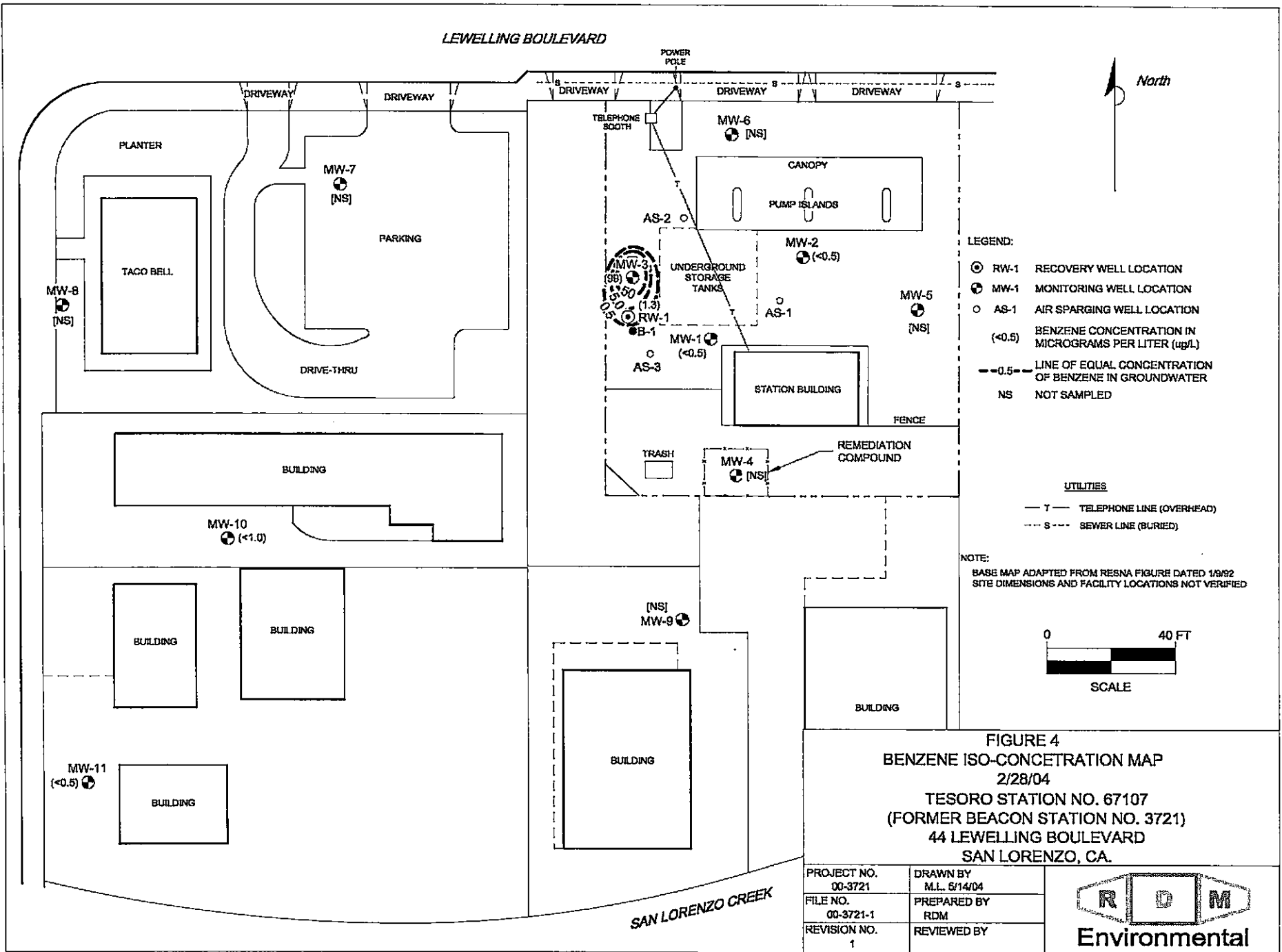
BEACON STATION NO. 3721
44 LEWELLING BOULEVARD
SAN LORENZO, CA.

SAN LORENZO CREEK

PROJECT NO. 00-3721	DRAWN BY M.L. 12/18/00
FILE NO. 00-3721-1	PREPARED BY RDM
REVISION NO. 1	REVIEWED BY

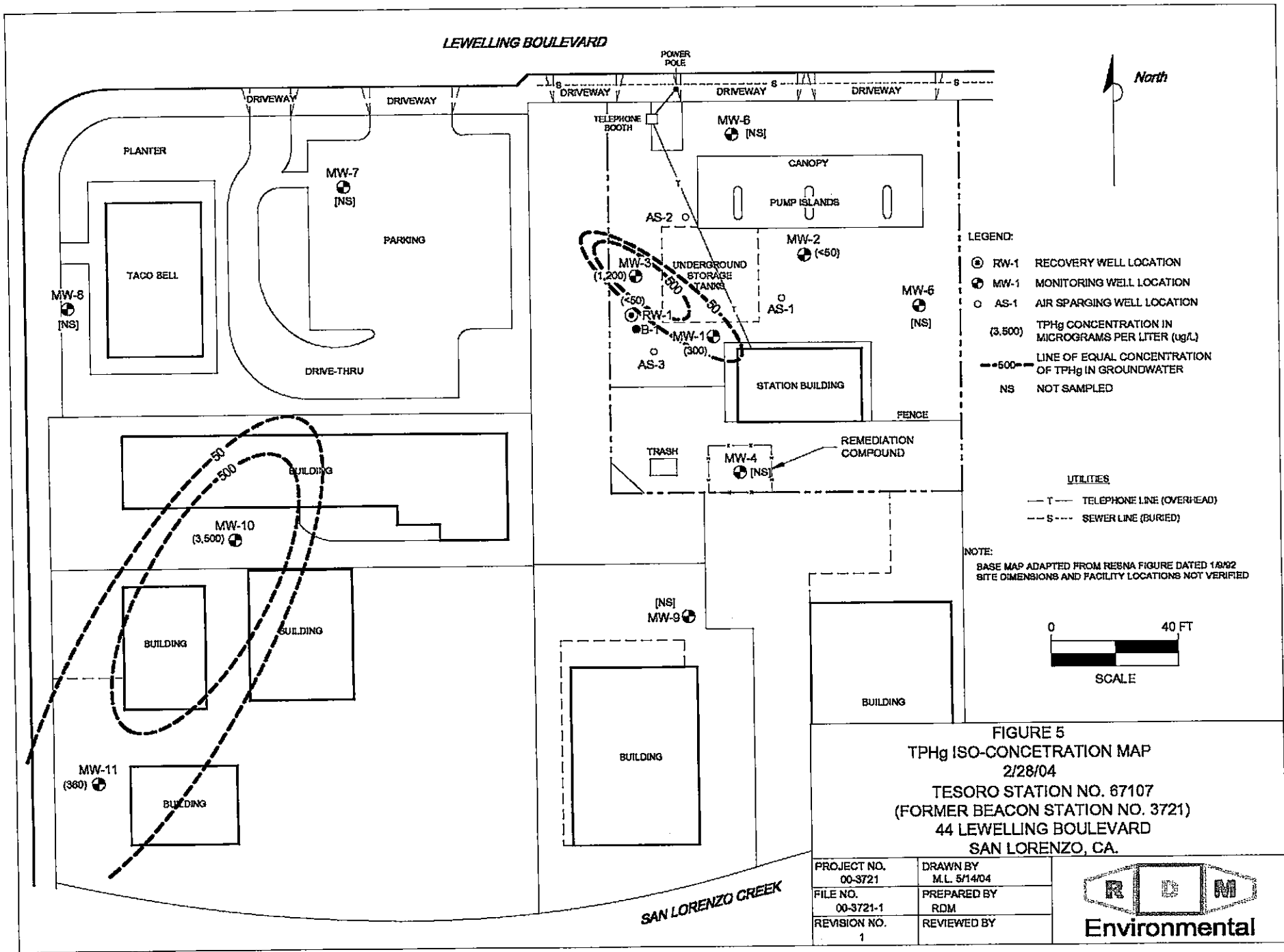


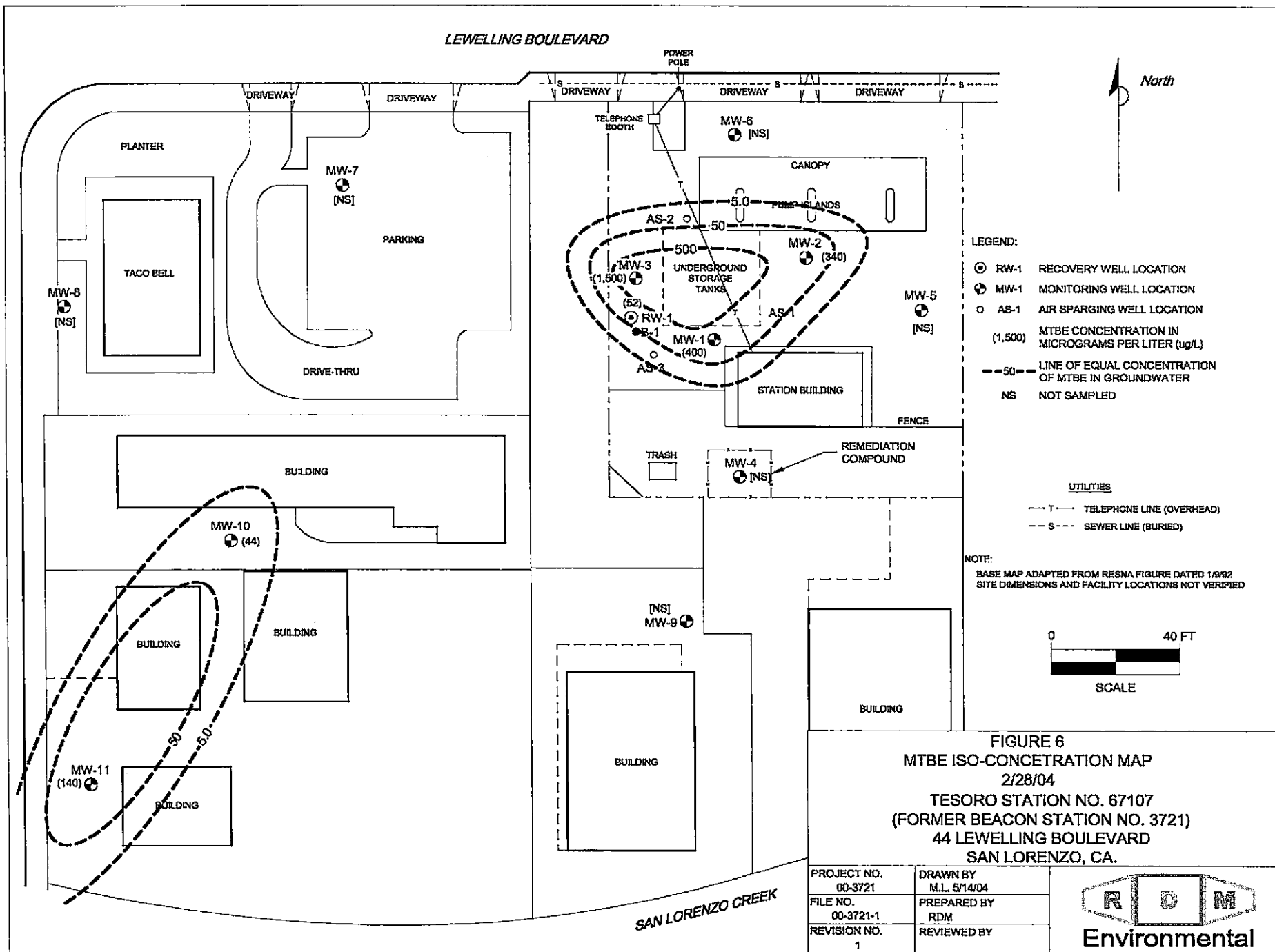


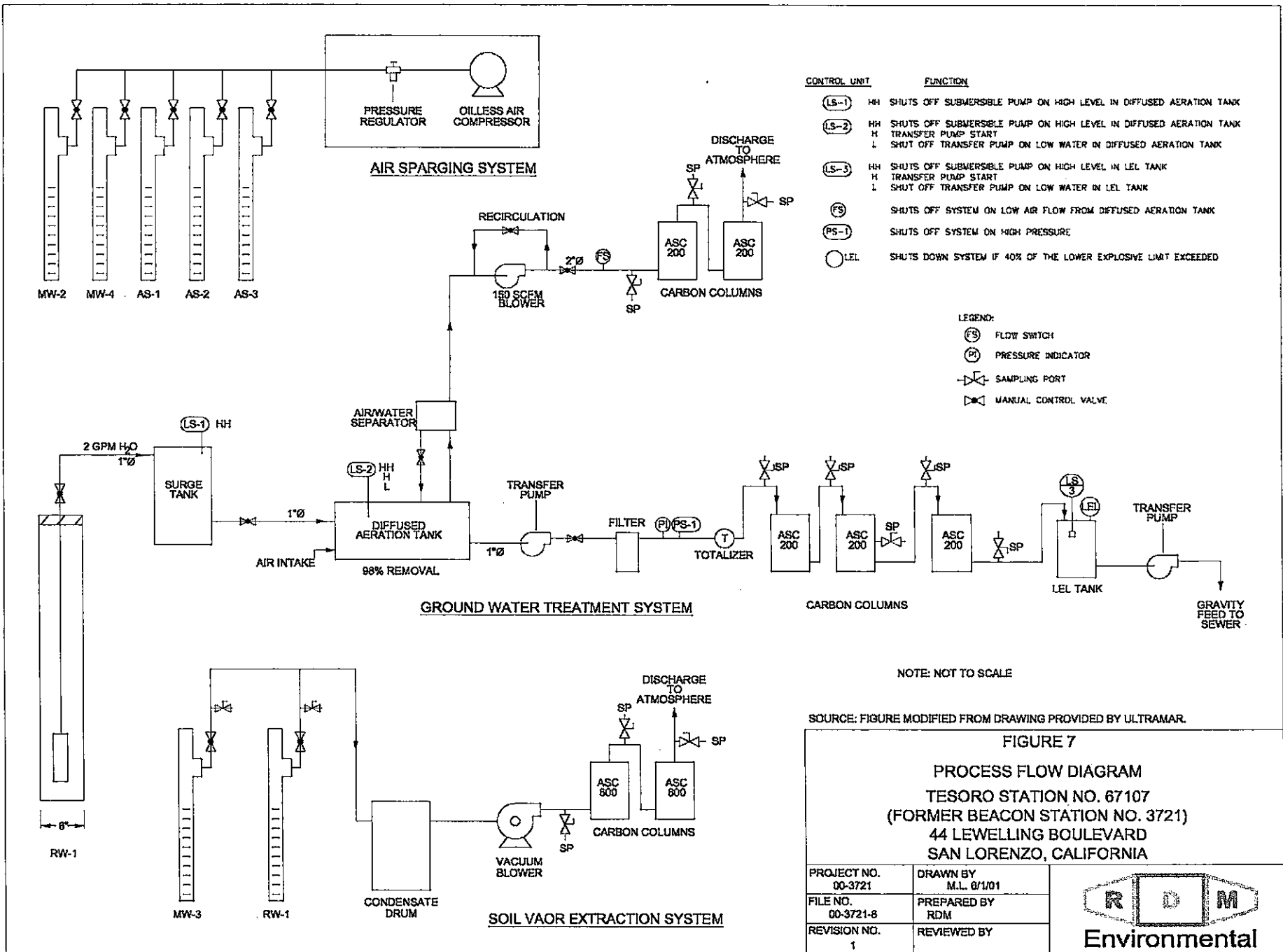


PROJECT NO. 00-3721	DRAWN BY M.L. 5/14/04
FILE NO. 00-3721-1	PREPARED BY RDM
REVISION NO. 1	REVIEWED BY









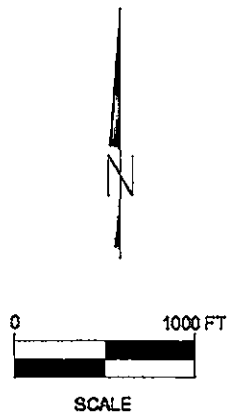


R2W.

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



QUADRANGLE LOCATION



SCALE

FIGURE 8
 DOMESTIC WELL 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. 2/26/03
FILE NO. 00-3721-1A	PREPARED BY RDM
REVISION NO. 1	REVIEWED BY



Environmental

HISTORICAL BACKGROUND INFORMATION

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

- April 1987 - Three underground gasoline storage tanks were excavated and removed. Samples collected from beneath the former tanks indicated that hydrocarbons were present in the soil.
- May 1987 - Conoco installed three monitoring wells (MW-1 through MW-3). Hydrocarbons were detected in soil and ground-water samples collected from the wells. The site has been on a monitoring program since May 1987.
- December 1988 - Four additional wells (MW-4 through MW-7) were installed. Dissolved-phase hydrocarbons were detected in the new wells.
- September 1989 - Two additional wells (MW-8 and MW-9) were installed.
- July 1990 - Ultramar Inc purchased the site from Conoco.
- March 14, 1991 - Work Plan for additional assessment submitted.
- October 1991 - Drilled two additional offsite wells (MW-10 and MW-11) southwest of the site and one onsite recovery well (RW-1).
- November 1991 - Performed ground-water pump test and vapor extraction test.
- April 1992 - Ultramar submitted an Interim Remediation Plan.
- June 1992 - Interim Remediation Plan was approved.
- March 1993 - Installed the subsurface piping for the remediation system.
- April 1993 - Completed installation of ground-water remediation system.
- June 1993 - Began operation.
- April 1993 - The ground-water extraction system began operation.
- March 1994 - The vapor extraction system began operation.
- June 8, 1994 - Obtained the Permit to Operate for the vapor extraction system.
- December 1995 - Installed an air sparging system.
- January 1997 - Discontinued to operate the remediation system. Approximately 1,184,392 gallons of ground water have been removed, treated, and discharged. Approximately 103 gallons of hydrocarbons have been removed by the vapor extraction system.

CONTINUED NEXT PAGE

HISTORICAL BACKGROUND INFORMATION

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

- October 1997 - Drilled confirmation borings. Results indicate soil clean.
- June 1998 - The air sparging system was restarted.
- July 1999 - The ground water system was restarted.
- April 3, 2000 – The soil vapor extraction system was restarted.
- During early July 2001, the station piping, dispensers, and tank top were upgraded. Details of the line sampling and over-excavation activities are included in the Doulos report entitled *Product Line and Excavation Sampling Results Report*, dated October 1, 2001.
- On May 17, 2002, Tesoro Petroleum purchased the facility from Ultramar Inc.

Client: Tesoro Sample Data: 2/28/2004
 Site: Tesor Station 67107 Project Number: 02-67107
44 Lewelling Blvd, San Lorenzo, CA Well Designation: RW-1
 Signature: [Signature]

Well Box Condition/Traffic

Traffic Control Yes No Time: 416 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 not marked

Purging/Sampling Equipment

Purging -

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

Sampling -

Disposable Bailer X Teflon Bailer _____ Disposable Tubing _____

Well Purging

Well Diameter: 2" _____ 4" _____ 6" _____ 8" _____
 Purge Vol. Multiplier 0.16 _____ 0.65 _____ 1.47 _____ 2.61 _____
 Initial Measurement 337 Recharge Measurement _____ Calculated Purge 85.8
 Time: 416 Time: _____ Actual Purge _____
 Depth of Well 34.10 Depth to Water _____
 Depth to Water 14.5 | 19.32 m sampled @ Int'l. samp. port.

Sample

Start Purge 415 Sample Time 420

Time	Temperature	E.C.	pH	ORP	Turbidity	Volume
<u>417</u>	<u>67.4</u>	<u>284</u>	<u>7.23</u>			<u>1</u>
<u>418</u>	<u>67.7</u>	<u>674</u>	<u>7.20</u>			<u>2</u>
<u>419</u>	<u>67.5</u>	<u>671</u>	<u>7.19</u>			<u>3</u>

Sample Appearance clear Lock _____

Equipment Replacement

Lock ok Well Cap ok Bolts ok Box ok

Remarks:

Client:	Tesoro	Sample Data:	2/28/2004
Site:	Tesor Station 67107	Project Number:	02-67107
	44 Lowelling Blvd, San Lorenzo, CA	Well Designation:	<u>MW-1</u>
Signature:	<u>[Signature]</u>		

Well Box Condition/Traffic

Traffic Control	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Time:	<u>442</u> hours
Standing water	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	above or below casing	
Top of well level	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Remark:	
Well cap & locked	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Remark:	
Height of Riser	<u>4"</u>		
Well Box	8" <input type="checkbox"/> <u>12"</u> <input checked="" type="checkbox"/> 24" <input type="checkbox"/>	Type of well box	<u>non mark. wedge type</u>

Purging/Sampling Equipment

Purging -			
2" Disposable Bailer	<input type="checkbox"/>	Submersible Pump	<input checked="" type="checkbox"/>
2" PVC Bailer	<input type="checkbox"/>	Dedicated Bailer	<input type="checkbox"/>
4" PVC Bailer	<input type="checkbox"/>	Centrifugal Pump	<input type="checkbox"/>

Sampling -

Disposable Bailer	<input checked="" type="checkbox"/>	Teflon Bailer	<input type="checkbox"/>	Disposable Tubing	<input type="checkbox"/>
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Well Purging

Well Diameter:	<u>2"</u>	4"	6"	8"
Purge Vol. Multiplier	0.16	0.65	1.47	2.61
Initial Measurement		Recharge Measurement		Calculated Purge
Time:	<u>324</u>	Time:		<u>9.1</u>
Depth of Well	<u>33.64</u>	Depth to Water		Actual Purge
Depth to Water	<u>14.65</u>			<u>9.5</u>

Sample

Start Purge	<u>444</u>	Sample Time	<u>456</u>
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Time	Temperature	E.C.	pH	ORP	Turbidity	Volume
		5.88				
<u>450</u>	<u>67.7</u>	<u>613</u>	<u>7.15</u>			<u>2.1</u>
<u>451</u>	<u>67.9</u>	<u>617</u>	<u>7.14</u>			<u>2.2</u>
<u>454</u>	<u>66.1</u>	<u>617</u>	<u>7.15</u>			<u>3</u>

Sample Appearance	<u>Clear</u>	Lock	<input type="checkbox"/>
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Equipment Replacement

Lock	<u>ok</u>	Well Cap	<u>ok</u>	Bolts	<u>ok</u>	Box	<u>ok</u>
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Remarks:

Client:	Tesoro	Sample Data:	2/28/2004
Site:	Tesor Station 67107	Project Number:	02-67107
	44 Lewelling Blvd, San Lorenzo, CA	Well Designation:	<u>mw-2</u>
Signature:	<u>DHE</u>		

Well Box Condition/Traffic

Traffic Control	Yes <input checked="" type="radio"/> No <input type="radio"/>	Time:	<u>005</u> hours
Standing water	Yes <input type="radio"/> No <input checked="" type="radio"/>	above or below casing	
Top of well level	Yes <input checked="" type="radio"/> No <input type="radio"/>	Remark:	
Well cap & locked	Yes <input checked="" type="radio"/> No <input type="radio"/>	Remark:	
Height of Riser	<u>6"</u>		
Well Box	8" 12" <input checked="" type="radio"/>	Type of well box	<u>not marked</u>

Purging/Sampling Equipment

Purging -

2" Disposable Bailer	<input type="checkbox"/>	Submersible Pump	<input checked="" type="checkbox"/>
2" PVC Bailer	<input type="checkbox"/>	Dedicated Bailer	<input type="checkbox"/>
4" PVC Bailleurs	<input type="checkbox"/>	Centrifugal Pump	<input type="checkbox"/>

Sampling -

Disposable Bailer	<input checked="" type="checkbox"/>	Teflon Bailer	<input type="checkbox"/>	Disposable Tubing	<input type="checkbox"/>
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Well Purging

Well Diameter:	<u>2"</u>	4"	6"	8"
Purge Vol. Multiplier	0.16	0.65	1.47	2.61
Initial Measurement	<u>380</u>	Recharge Measurement		Calculated Purge <u>11.0</u>
Time:	<u>5:05</u>	Time:		Actual Purge <u>12.0</u>
Depth of Well	<u>34.35</u>	Depth to Water		
Depth to Water	<u>13.56</u>			

Sample

Start Purge	<u>5:05</u>	Sample Time	<u>5:15</u>
-------------	-------------	-------------	-------------

Time	Temperature	E.C.	pH	ORP	Turbidity	Volume
<u>5:09</u>	<u>69.1</u>	<u>580</u>	<u>6.91</u>			<u>1</u>
<u>5:11</u>	<u>69.3</u>	<u>582</u>	<u>6.91</u>			<u>2</u>
<u>5:13</u>	<u>69.3</u>	<u>586</u>	<u>6.92</u>			<u>3</u>

Sample Appearance	<u>Clear</u>	Lock	<input type="checkbox"/>
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Equipment Replacement

Lock	<u>ok</u>	Well Cap	<u>ok</u>	Bolts	<u>ok</u>	Box	<u>ok</u>
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Remarks:

Client: Tesoro Sample Data: 2/28/2004
 Site: Tesor Station 67107 Project Number: 02-67107
44 Lewelling Blvd, San Lorenzo, CA Well Designation: MW-3
 Signature: [Signature]

Well Box Condition/Traffic

Traffic Control Yes No Time: 524 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 CNI

Purging/Sampling Equipment

Purging -

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

Sampling -

Disposable Bailer Teflon Bailer _____ Disposable Tubing _____

Well Purging

Well Diameter 2" 4" 6" 8"
 Purge Vol. Multiplier 0.16 0.65 1.47 2.61
 Initial Measurement _____ Recharge Measurement _____ Calculated Purge 9.8
 Time: 335 Time: _____ Actual Purge 10
 Depth of Well 34.23 Depth to Water _____
 Depth to Water 13.90

Sample

Start Purge 525 Sample Time 535

Time	Temperature	E.C.	pH	ORP	Turbidity	Volume
<u>527</u>	<u>68.4</u>	<u>724</u>	<u>6.87</u>			<u>1</u>
<u>530</u>	<u>68.3</u>	<u>720</u>	<u>6.85</u>			<u>2</u>
<u>533</u>	<u>68.3</u>	<u>724</u>	<u>6.85</u>			<u>3</u>

Sample Appearance Clear Lock _____

Equipment Replacement

Lock ok Well Cap ok Bolts need 2 Box ok

Remarks:

Client:	Tesoro	Sample Data:	2/28/2004
Site:	Tesor Station 67107	Project Number:	02-67107
	44 Lowelling Blvd, San Lorenzo, CA	Well Designation:	<u>MW-10</u>
Signature:	<u>[Signature]</u>		

Well Box Condition/Traffic

Traffic Control	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Time:	<u>1626</u> hours
Standing water	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	above or below casing	
Top of well level	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Remark:	
Well cap & locked	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Remark:	
Height of Riser	<u>4"</u>		
Well Box	8" <input checked="" type="checkbox"/> 12" <input type="checkbox"/> 24" <input type="checkbox"/>	Type of well box	<u>CNI</u>

Purging/Sampling Equipment

Purging -

2" Disposable Bailer	<input type="checkbox"/>	Submersible Pump	<input checked="" type="checkbox"/>
2" PVC Bailer	<input type="checkbox"/>	Dedicated Bailer	<input type="checkbox"/>
4" PVC Bailer	<input type="checkbox"/>	Centrifugal Pump	<input type="checkbox"/>

Sampling -

Disposable Bailer	<input checked="" type="checkbox"/>	Teflon Bailer	<input type="checkbox"/>	Disposable Tubing	<input type="checkbox"/>
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Well Purging

Well Diameter:	<input checked="" type="checkbox"/> 2"	<input type="checkbox"/> 4"	<input type="checkbox"/> 6"	<input type="checkbox"/> 8"
Purge Vol. Multiplier	0.16	0.65	1.47	2.61
Initial Measurement		Recharge Measurement		Calculated Purge <u>7.3</u>
Time:	<u>323</u>	Time:		Actual Purge <u>10</u>
Depth of Well	<u>29.40</u>	Depth to Water		
Depth to Water	<u>14.01</u>			

Sample

Start Purge	<u>1628</u>	Sample Time	<u>438</u>
-------------	-------------	-------------	------------

Time	Temperature	E.C.	pH	ORP	Turbidity	Volume
<u>1629</u>	<u>66.5</u>	<u>464</u>	<u>6.90</u>			<u>1</u>
<u>1632</u>	<u>67.0</u>	<u>511</u>	<u>6.86</u>			<u>2</u>
<u>1634</u>	<u>67.1</u>	<u>522</u>	<u>6.87</u>			<u>3</u>
<u>1636</u>	<u>67.2</u>	<u>526</u>	<u>6.84</u>			<u>4</u>

Sample Appearance Clear. Lock

Equipment Replacement

Lock ok Well Cap ok Bolts need 2 Box ok

Remarks:

Client: Tesoro Sample Data: 2/28/2004
 Site: Tesor Station 67107 Project Number: 02-67107
44 Lewelling Blvd, San Lorenzo, CA Well Designation: MW-1
 Signature: [Signature]

Well Box Condition/Traffic

Traffic Control Yes No Time: 346 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" 24" _____ Type of well box Brannard-Kilman

Purging/Sampling Equipment

Purging -

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

Sampling -

Disposable Bailer _____ Teflon Bailer _____ Disposable Tubing X

Well Purging

Well Diameter: 2" _____ 4" _____ 6" _____ 8" _____
 Purge Vol. Multiplier 0.16 _____ 0.65 _____ 1.47 _____ 2.61 _____
 Initial Measurement 310 Recharge Measurement _____ Calculated Purge 5.8
 Time: 346 Time: _____ Actual Purge 7
 Depth of Well 29.34 Depth to Water _____
 Depth to Water 17.33

Sample

Start Purge 350 Sample Time 404

Time	Temperature	E.C.	pH	ORP	Turbidity	Volume
<u>400</u>	<u>66.2</u>	<u>589</u>	<u>6.82</u>			<u>1</u>
<u>401</u>	<u>66.3</u>	<u>569</u>	<u>6.77</u>			<u>2</u>
<u>402</u>	<u>66.2</u>	<u>579</u>	<u>6.80</u>			<u>3</u>

Sample Appearance Clear Lock _____

Equipment Replacement

Lock ok Well Cap ok Bolts need 2 Box ok

Remarks: Car on well, sampled w/pump.

ENCLOSURE C

Ground Water Monitoring
Analytical Results



Report Number : 37240

Date : 3/8/2004

Richard Munsch
RDM Environmental
1704 Via Riata
Roseville, CA 95747

Subject : 6 Water Samples
Project Name : Tesoro Station 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,

A handwritten signature in black ink that reads "R. Paul Furry". The signature is written in a cursive style with a large, stylized "F".

R P Furry



Report Number : 37240

Date : 3/8/2004

Project Name : **Tesoro Station 67107**

Project Number : **67107**

Sample : **RW-1**

Matrix : Water

Lab Number : 37240-01

Sample Date :2/28/2004

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	1.3	0.50	ug/L	EPA 8260B	3/5/2004
Toluene	< 0.50	0.50	ug/L	EPA 8260B	3/5/2004
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	3/5/2004
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	3/5/2004
Methyl-t-butyl ether (MTBE)	52	0.50	ug/L	EPA 8260B	3/5/2004
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	3/5/2004
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	3/5/2004
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	3/5/2004
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	3/5/2004
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	3/5/2004
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	3/5/2004
4-Bromofluorobenzene (Surr)	102		% Recovery	EPA 8260B	3/5/2004

Approved By: 
R P Furry



Report Number : 37240

Date : 3/8/2004

Project Name : **Tesoro Station 67107**

Project Number : **67107**

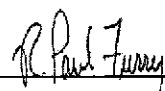
Sample : **MW-1**

Matrix : Water

Lab Number : 37240-02

Sample Date :2/28/2004

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	3/5/2004
Toluene	< 0.50	0.50	ug/L	EPA 8260B	3/5/2004
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	3/5/2004
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	3/5/2004
Methyl-t-butyl ether (MTBE)	400	10	ug/L	EPA 8260B	3/4/2004
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	3/5/2004
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	3/5/2004
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	3/5/2004
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	3/5/2004
TPH as Gasoline	300	50	ug/L	EPA 8260B	3/5/2004
Toluene - d8 (Surr)	93.1		% Recovery	EPA 8260B	3/5/2004
4-Bromofluorobenzene (Surr)	86.1		% Recovery	EPA 8260B	3/5/2004


Approved By: R P Furry



Report Number : 37240

Date : 3/8/2004

Project Name : **Tesoro Station 67107**

Project Number : **67107**

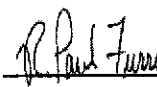
Sample : **MW-2**

Matrix : Water

Lab Number : 37240-03

Sample Date :2/28/2004

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	3/5/2004
Toluene	< 0.50	0.50	ug/L	EPA 8260B	3/5/2004
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	3/5/2004
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	3/5/2004
Methyl-t-butyl ether (MTBE)	340	0.50	ug/L	EPA 8260B	3/5/2004
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	3/5/2004
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	3/5/2004
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	3/5/2004
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	3/5/2004
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	3/5/2004
Toluene - d8 (Surr)	112		% Recovery	EPA 8260B	3/5/2004
4-Bromofluorobenzene (Surr)	81.4		% Recovery	EPA 8260B	3/5/2004


Approved By: R P Furry



Report Number : 37240

Date : 3/8/2004

Project Name : **Tesoro Station 67107**

Project Number : **67107**


Sample : **MW-3**

Matrix : Water

Lab Number : 37240-04

Sample Date :2/28/2004

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	99	2.5	ug/L	EPA 8260B	3/5/2004
Toluene	31	2.5	ug/L	EPA 8260B	3/5/2004
Ethylbenzene	12	2.5	ug/L	EPA 8260B	3/5/2004
Total Xylenes	52	2.5	ug/L	EPA 8260B	3/5/2004
Methyl-t-butyl ether (MTBE)	1500	2.5	ug/L	EPA 8260B	3/5/2004
Diisopropyl ether (DIPE)	< 2.5	2.5	ug/L	EPA 8260B	3/5/2004
Ethyl-t-butyl ether (ETBE)	< 2.5	2.5	ug/L	EPA 8260B	3/5/2004
Tert-amyl methyl ether (TAME)	< 2.5	2.5	ug/L	EPA 8260B	3/5/2004
Tert-Butanol	82	25	ug/L	EPA 8260B	3/5/2004
TPH as Gasoline	1200	250	ug/L	EPA 8260B	3/5/2004
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	3/5/2004
4-Bromofluorobenzene (Surr)	101		% Recovery	EPA 8260B	3/5/2004

Approved By:  R P Furry



Report Number : 37240

Date : 3/8/2004

Project Name : Tesoro Station 67107

Project Number : 67107

Sample : MW-10

Matrix : Water

Lab Number : 37240-05

Sample Date : 2/28/2004

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 1.0	1.0	ug/L	EPA 8260B	3/5/2004
Toluene	< 1.0	1.0	ug/L	EPA 8260B	3/5/2004
Ethylbenzene	17	1.0	ug/L	EPA 8260B	3/5/2004
Total Xylenes	7.9	1.0	ug/L	EPA 8260B	3/5/2004
Methyl-t-butyl ether (MTBE)	44	1.0	ug/L	EPA 8260B	3/5/2004
Diisopropyl ether (DIPE)	< 1.0	1.0	ug/L	EPA 8260B	3/5/2004
Ethyl-t-butyl ether (ETBE)	< 1.0	1.0	ug/L	EPA 8260B	3/5/2004
Tert-amyl methyl ether (TAME)	< 1.0	1.0	ug/L	EPA 8260B	3/5/2004
Tert-Butanol	< 10	10	ug/L	EPA 8260B	3/5/2004
TPH as Gasoline	3500	100	ug/L	EPA 8260B	3/5/2004
Toluene - d8 (Surr)	99.1		% Recovery	EPA 8260B	3/5/2004
4-Bromofluorobenzene (Surr)	96.6		% Recovery	EPA 8260B	3/5/2004


Approved By: R P Furry



Report Number : 37240

Date : 3/8/2004

Project Name : **Tesoro Station 67107**

Project Number : **67107**

Sample : **MW-11**

Matrix : Water

Lab Number : 37240-06

Sample Date :2/28/2004

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	3/5/2004
Toluene	< 0.50	0.50	ug/L	EPA 8260B	3/5/2004
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	3/5/2004
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	3/5/2004
Methyl-t-butyl ether (MTBE)	140	0.50	ug/L	EPA 8260B	3/5/2004
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	3/5/2004
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	3/5/2004
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	3/5/2004
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	3/5/2004
TPH as Gasoline	360	50	ug/L	EPA 8260B	3/5/2004
Toluene - d8 (Surr)	99.5		% Recovery	EPA 8260B	3/5/2004
4-Bromofluorobenzene (Surr)	103		% Recovery	EPA 8260B	3/5/2004


Approved By: R P Furry

Report Number : 37240

Date : 3/8/2004

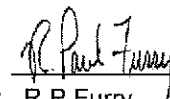
QC Report : Method Blank Data

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	3/4/2004
Toluene	< 0.50	0.50	ug/L	EPA 8260B	3/4/2004
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	3/4/2004
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	3/4/2004
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	3/4/2004
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	3/4/2004
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	3/4/2004
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	3/4/2004
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	3/4/2004
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	3/4/2004
Toluene - d8 (Surr)	99.3		%	EPA 8260B	3/4/2004
4-Bromofluorobenzene (Surr)	101		%	EPA 8260B	3/4/2004
Benzene	< 0.50	0.50	ug/L	EPA 8260B	3/4/2004
Toluene	< 0.50	0.50	ug/L	EPA 8260B	3/4/2004
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	3/4/2004
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	3/4/2004
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	3/4/2004
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	3/4/2004
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	3/4/2004
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	3/4/2004
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	3/4/2004
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	3/4/2004
Toluene - d8 (Surr)	99.9		%	EPA 8260B	3/4/2004
4-Bromofluorobenzene (Surr)	95.9		%	EPA 8260B	3/4/2004

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	3/4/2004
Toluene	< 0.50	0.50	ug/L	EPA 8260B	3/4/2004
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	3/4/2004
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	3/4/2004
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	3/4/2004
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	3/4/2004
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	3/4/2004
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	3/4/2004
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	3/4/2004
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	3/4/2004
Toluene - d8 (Surr)	91.2		%	EPA 8260B	3/4/2004
4-Bromofluorobenzene (Surr)	85.9		%	EPA 8260B	3/4/2004
Benzene	< 0.50	0.50	ug/L	EPA 8260B	3/5/2004
Toluene	< 0.50	0.50	ug/L	EPA 8260B	3/5/2004
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	3/5/2004
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	3/5/2004
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	3/5/2004
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	3/5/2004
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	3/5/2004
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	3/5/2004
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	3/5/2004
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	3/5/2004
Toluene - d8 (Surr)	94.4		%	EPA 8260B	3/5/2004
4-Bromofluorobenzene (Surr)	88.1		%	EPA 8260B	3/5/2004



Approved By: R P Furry

KIFF ANALYTICAL, LLC

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

Report Number : 37240

Date : 3/8/2004

QC Report : Matrix Spike/ Matrix Spike Duplicate

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	37243-09	<0.50	40.0	40.0	39.6	38.9	ug/L	EPA 8260B	3/4/04	99.0	97.2	1.81	70-130	25
Toluene	37243-09	<0.50	40.0	40.0	40.6	40.0	ug/L	EPA 8260B	3/4/04	101	100	1.36	70-130	25
Tert-Butanol	37243-09	<5.0	200	200	204	196	ug/L	EPA 8260B	3/4/04	102	98.1	3.75	70-130	25
Methyl-t-Butyl Ether	37243-09	<0.50	40.0	40.0	39.4	39.4	ug/L	EPA 8260B	3/4/04	98.4	98.5	0.0762	70-130	25
Benzene	37237-01	<0.50	40.0	40.0	39.4	38.8	ug/L	EPA 8260B	3/4/04	98.6	96.9	1.74	70-130	25
Toluene	37237-01	<0.50	40.0	40.0	40.2	39.3	ug/L	EPA 8260B	3/4/04	100	98.3	2.12	70-130	25
Tert-Butanol	37237-01	<5.0	200	200	199	199	ug/L	EPA 8260B	3/4/04	99.5	99.4	0.0585	70-130	25
Methyl-t-Butyl Ether	37237-01	<0.50	40.0	40.0	39.2	38.2	ug/L	EPA 8260B	3/4/04	98.1	95.4	2.78	70-130	25
Benzene	37279-02	<0.50	40.0	40.0	45.0	43.6	ug/L	EPA 8260B	3/4/04	113	109	3.15	70-130	25
Toluene	37279-02	<0.50	40.0	40.0	40.0	40.2	ug/L	EPA 8260B	3/4/04	100	100	0.419	70-130	25
Tert-Butanol	37279-02	<5.0	200	200	202	212	ug/L	EPA 8260B	3/4/04	101	106	4.55	70-130	25
Methyl-t-Butyl Ether	37279-02	<0.50	40.0	40.0	35.6	35.6	ug/L	EPA 8260B	3/4/04	89.0	88.9	0.176	70-130	25
Benzene	37275-02	<0.50	40.0	40.0	42.5	43.4	ug/L	EPA 8260B	3/5/04	106	108	1.92	70-130	25
Toluene	37275-02	<0.50	40.0	40.0	45.1	38.3	ug/L	EPA 8260B	3/5/04	113	95.8	16.2	70-130	25
Tert-Butanol	37275-02	<5.0	200	200	202	197	ug/L	EPA 8260B	3/5/04	101	98.5	2.39	70-130	25
Methyl-t-Butyl Ether	37275-02	0.53	40.0	40.0	35.8	38.3	ug/L	EPA 8260B	3/5/04	88.2	94.4	6.82	70-130	25



Approved By: R P Furry

KIFF ANALYTICAL, LLC

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

Report Number : 37240

Date : 3/8/2004

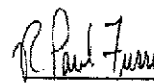
QC Report : Laboratory Control Sample (LCS)

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	3/4/04	90.8	70-130
Toluene	40.0	ug/L	EPA 8260B	3/4/04	94.5	70-130
Tert-Butanol	200	ug/L	EPA 8260B	3/4/04	92.1	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	3/4/04	94.4	70-130
Benzene	40.0	ug/L	EPA 8260B	3/4/04	93.4	70-130
Toluene	40.0	ug/L	EPA 8260B	3/4/04	96.7	70-130
Tert-Butanol	200	ug/L	EPA 8260B	3/4/04	94.8	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	3/4/04	87.0	70-130
Benzene	40.0	ug/L	EPA 8260B	3/4/04	106	70-130
Toluene	40.0	ug/L	EPA 8260B	3/4/04	99.4	70-130
Tert-Butanol	200	ug/L	EPA 8260B	3/4/04	95.2	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	3/4/04	84.8	70-130
Benzene	40.0	ug/L	EPA 8260B	3/5/04	109	70-130
Toluene	40.0	ug/L	EPA 8260B	3/5/04	96.7	70-130
Tert-Butanol	200	ug/L	EPA 8260B	3/5/04	92.1	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	3/5/04	88.2	70-130

KIFF ANALYTICAL, LLC

Approved By:  R P Furry



Analysis Summary

Report Number : 37240

Date : 3/8/2004

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

Project Name : Tesoro Station 67107
 Project Number : 67107

Sample Name			RW-1		MW-1		MW-2		MW-3		MW-10		MW-11	
Sample Date			2/28/2004		2/28/2004		2/28/2004		2/28/2004		2/28/2004		2/28/2004	
Analyte	Method	Units	MRL	Results	MRL	Results	MRL	Results	MRL	Results	MRL	Results	MRL	Results
Benzene	EPA 8260B	ug/L	0.50	1.3	0.50	ND	0.50	ND	2.5	99	1.0	ND	0.50	ND
Toluene	EPA 8260B	ug/L	0.50	ND	0.50	ND	0.50	ND	2.5	31	1.0	ND	0.50	ND
Ethylbenzene	EPA 8260B	ug/L	0.50	ND	0.50	ND	0.50	ND	2.5	12	1.0	17	0.50	ND
Total Xylenes	EPA 8260B	ug/L	0.50	ND	0.50	ND	0.50	ND	2.5	52	1.0	7.9	0.50	ND
Methyl-t-butyl ether (MTBE)	EPA 8260B	ug/L	0.50	52	10	400	0.50	340	2.5	1500	1.0	44	0.50	140
Diisopropyl ether (DIPE)	EPA 8260B	ug/L	0.50	ND	0.50	ND	0.50	ND	2.5	ND	1.0	ND	0.50	ND
Ethyl-t-butyl ether (ETBE)	EPA 8260B	ug/L	0.50	ND	0.50	ND	0.50	ND	2.5	ND	1.0	ND	0.50	ND
Tert-amyl methyl ether (TAME)	EPA 8260B	ug/L	0.50	ND	0.50	ND	0.50	ND	2.5	ND	1.0	ND	0.50	ND
Tert-Butanol	EPA 8260B	ug/L	5.0	ND	5.0	ND	5.0	ND	25	82	10	ND	5.0	ND
TPH as Gasoline	EPA 8260B	ug/L	50	ND	50	300	50	ND	250	1200	100	3500	50	360
Toluene - d8 (Surr)	EPA 8260B	%		100		93.1		112		100		99.1		99.5
4-Bromofluorobenzene (Surr)	EPA 8260B	%		102		86.1		81.4		101		96.6		103

MRL = Method Reporting Limit
 ND = Not Detected

Approved By,

R P Furry

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

ELAP # 2236



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

Lab No. 37240 Page 1 of 1

Project Contact (Hardcopy or PDF To): Richard Muesch
 Company/Address: 1704 Via Rute Roseville, CA 95747
 Phone No.: 916 771 7098 FAX No.: 916 771 4584
 Project Number: 67107 P.O. No.:
 Project Name: Tesoro Station 67107
 Project Address: 44 Leuchling Blvd San Lorenzo, CA

California EDF Report? Yes No
 Recommended but not mandatory to complete this section:
 Sampling Company Log Code:
 Global ID:
 EDF Deliverable To (Email Address): TO600101414
 Sampler Signature: [Signature]

Chain-of-Custody Record and Analysis Request

Analysis Request

Sample Designation	Sampling		Container				Preservative				Matrix		BTEX (8021B)	BTEX/TPH Gas/MTBE (8021B/M8015)	TPH as Diesel (M8015)	TPH as Motor Oil (M8015)	TPH Gas/BTEX/MTBE (8260B)	5 Oxygenates/TPH Gas/BTEX (8260B)	7 Oxygenates/TPH Gas/BTEX (8260B)	5 Oxygenates (8260B)	7 Oxygenates (8260B)	Lead Scav. (1,2 DCA & 1,2 EDB - 8260B)	EPA 8260B (Full List)	Volatile Halocarbons (EPA 8260B)	Lead (7421/239.2) TOTAL (X) W.E.T. (X)	TAT	For Lab Use Only					
	Date	Time	40 ml VOA	SLEEVE			HCl	HNO ₃	ICE	NONE	WATER	SOIL																				
RW-1	2/25/04	1620	2				X	X			X						X															
MW-1	2/25/04	1656	2				X	X			X						X															01
MW-2	2/25/04	1715	2				X	X			X						X															02
MW-3	2/25/04	1735	2				X	X			X						X															03
MW-10	2/25/04	1638	2				X	X			X						X															04
MW-11	2/25/04	1604	2				X	X			X						X															05

Relinquished by: [Signature] Date: _____ Time: _____ Received by: _____ Remarks: STAT
 Relinquished by: _____ Date: _____ Time: _____ Received by: _____
 Relinquished by: _____ Date: 2/25/04 Time: 1300 Received by Laboratory: N. [Signature] / KIFF ANALYTICAL Bill to: Tesoro Petroleum / Rob Duvion



Report Number : 37212

Date : 3/2/2004

Richard Munsch
RDM Environmental
1704 Via Riata
Roseville, CA 95747

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,

A handwritten signature in black ink, appearing to read "Jeff Dahl".

Jeff Dahl



Report Number : 37212

Date : 3/2/2004

Project Name : Tesoro Station 67107

Project Number : 67107

Sample : H2O-Inf

Matrix : Water

Lab Number : 37212-01

Sample Date :2/28/2004

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	1.4	0.50	ug/L	EPA 8260B	3/2/2004
Toluene	< 0.50	0.50	ug/L	EPA 8260B	3/2/2004
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	3/2/2004
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	3/2/2004
Methyl-t-butyl ether (MTBE)	110	0.50	ug/L	EPA 8260B	3/2/2004
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	3/2/2004
Toluene - d8 (Surr)	108		% Recovery	EPA 8260B	3/2/2004
4-Bromofluorobenzene (Surr)	83.9		% Recovery	EPA 8260B	3/2/2004

Sample : H2O-DAT-Eff

Matrix : Water

Lab Number : 37212-02

Sample Date :2/28/2004

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	3/2/2004
Toluene	< 0.50	0.50	ug/L	EPA 8260B	3/2/2004
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	3/2/2004
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	3/2/2004
Methyl-t-butyl ether (MTBE)	2.6	0.50	ug/L	EPA 8260B	3/2/2004
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	3/2/2004
Toluene - d8 (Surr)	91.9		% Recovery	EPA 8260B	3/2/2004
4-Bromofluorobenzene (Surr)	90.7		% Recovery	EPA 8260B	3/2/2004

Approved By: Jeff Dahl 



Report Number : 37212

Date : 3/2/2004

Project Name : **Tesoro Station 67107**

Project Number : **67107**

Sample : **H2O-MID1**

Matrix : Water

Lab Number : 37212-03

Sample Date :2/28/2004

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	3/2/2004
Toluene	< 0.50	0.50	ug/L	EPA 8260B	3/2/2004
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	3/2/2004
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	3/2/2004
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	3/2/2004
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	3/2/2004
Toluene - d8 (Surr)	110		% Recovery	EPA 8260B	3/2/2004
4-Bromofluorobenzene (Surr)	87.6		% Recovery	EPA 8260B	3/2/2004

Sample : **H2O-MID2**

Matrix : Water

Lab Number : 37212-04

Sample Date :2/28/2004

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	3/2/2004
Toluene	< 0.50	0.50	ug/L	EPA 8260B	3/2/2004
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	3/2/2004
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	3/2/2004
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	3/2/2004
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	3/2/2004
Toluene - d8 (Surr)	111		% Recovery	EPA 8260B	3/2/2004
4-Bromofluorobenzene (Surr)	87.6		% Recovery	EPA 8260B	3/2/2004

Approved By: Jeff Dahl



Report Number : 37212

Date : 3/2/2004

Project Name : **Tesoro Station 67107**

Project Number : **67107**

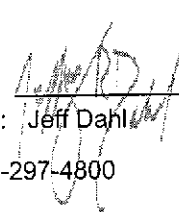
Sample : **H2O-Eff**

Matrix : Water

Lab Number : 37212-05

Sample Date :2/28/2004

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	3/2/2004
Toluene	< 0.50	0.50	ug/L	EPA 8260B	3/2/2004
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	3/2/2004
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	3/2/2004
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	3/2/2004
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	3/2/2004
Toluene - d8 (Surr)	109		% Recovery	EPA 8260B	3/2/2004
4-Bromofluorobenzene (Surr)	86.0		% Recovery	EPA 8260B	3/2/2004

Approved By:  Jeff Dahl

Report Number : 37212

Date : 3/2/2004

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	3/1/2004
Toluene	< 0.50	0.50	ug/L	EPA 8260B	3/1/2004
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	3/1/2004
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	3/1/2004
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	3/1/2004
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	3/1/2004
Toluene - d8 (Surr)	102		%	EPA 8260B	3/1/2004
4-Bromofluorobenzene (Surr)	89.0		%	EPA 8260B	3/1/2004

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
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Approved By: Jeff Dahl

KIFF ANALYTICAL, LLC

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

Report Number : 37212

Date : 3/2/2004

QC Report : Matrix Spike/ Matrix Spike Duplicate


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	37210-05	1.2	40.0	40.0	42.4	41.3	ug/L	EPA 8260B	3/1/04	103	100	2.69	70-130	25
Toluene	37210-05	0.90	40.0	40.0	46.2	45.9	ug/L	EPA 8260B	3/1/04	113	112	0.661	70-130	25
Tert-Butanol	37210-05	<5.0	200	200	186	192	ug/L	EPA 8260B	3/1/04	92.9	96.2	3.52	70-130	25
Methyl-t-Butyl Ether	37210-05	<0.50	40.0	40.0	39.2	37.5	ug/L	EPA 8260B	3/1/04	98.1	93.8	4.49	70-130	25

KIFF ANALYTICAL, LLC

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

Approved By:  Jeff Dahl

Report Number : 37212

Date : 3/2/2004

QC Report : Laboratory Control Sample (LCS)

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	3/1/04	100	70-130
Toluene	40.0	ug/L	EPA 8260B	3/1/04	113	70-130
Tert-Butanol	200	ug/L	EPA 8260B	3/1/04	90.0	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	3/1/04	96.1	70-130

KIFF ANALYTICAL, LLC

Approved By:  Jeff Dahl

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



Analysis Summary

Report Number : 37212

Date : 3/2/2004

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

Project Name : Tesoro Station 67107
 Project Number : 67107

Sample Name			H2O-Inf		H2O-DAT-Eff		H2O-MID1		H2O-MID2		H2O-Eff	
Sample Date			2/28/2004		2/28/2004		2/28/2004		2/28/2004		2/28/2004	
Analyte	Method	Units	MRL	Results	MRL	Results	MRL	Results	MRL	Results	MRL	Results
Benzene	EPA 8260B	ug/L	0.50	1.4	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Toluene	EPA 8260B	ug/L	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Ethylbenzene	EPA 8260B	ug/L	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Total Xylenes	EPA 8260B	ug/L	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Methyl-t-butyl ether (MTBE)	EPA 8260B	ug/L	0.50	110	0.50	2.6	0.50	ND	0.50	ND	0.50	ND
TPH as Gasoline	EPA 8260B	ug/L	50	ND	50	ND	50	ND	50	ND	50	ND
Toluene - d8 (Surr)	EPA 8260B	%		108		91.9		110		111		109
4-Bromofluorobenzene (Surr)	EPA 8260B	%		83.9		90.7		87.6		87.6		86.0

MRL = Method Reporting Limit
 ND = Not Detected

Approved By,


 Jeff Dahl

Calscience
Environmental
Laboratories, Inc.

March 09, 2004

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

Subject: **Calscience Work Order No.: 04-03-0080**
Client Reference: **Tesoro Station 67107**

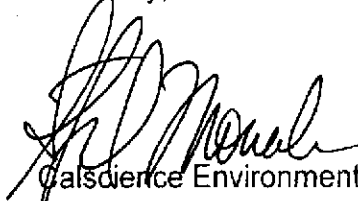
Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 3/2/2004 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 Assurance Program 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



Michael J. Crisostomo
Quality Assurance Manager

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

Date Received: 03/02/04
 Work Order No: 04-03-0080
 Preparation: N/A
 Method: EPA 160.2

Project: Tesoro Station 67107

Page 1 of 1

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
H2O-Eff	04-03-0080-1	02/28/04	Aqueous	N/A	03/03/04	40303TSSD2

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>
Solids, Total Suspended	ND	1.0	1		mg/L

RL - Reporting Limit DF - Dilution Factor Qual - Qualifiers

7440 Lincoln Way, Garden Grove, CA 92841-1427 • TEL: (714) 895-5494 • FAX: (714) 894-7501

Quality Control - Duplicate

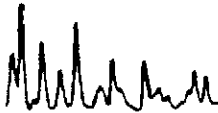
Kiff Analytical
 2795 2nd Street, Suite 300
 Davis, CA 95616-6593

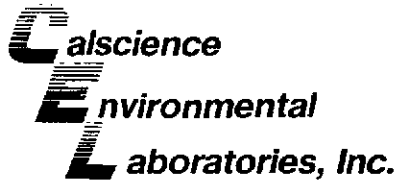
Date Received: 03/02/04
 Work Order No: 04-03-0080
 Preparation: N/A
 Method: EPA 160.2

Project: Tesoro Station 67107

Quality Control Sample ID	Matrix	Instrument	Date Prepared:	Date Analyzed:	Duplicate Batch Number
04-03-0100-1	Aqueous	N/A	N/A	03/03/04	40303TSSD2

Parameter	Sample Conc	DUP Conc	RPD	RPD CL	Qualifiers
Solids, Total Suspended	13	13	0	0-25	





Glossary of Terms and Qualifiers

Work Order Number: 04-03-0080

<u>Qualifier</u>	<u>Definition</u>
ND	Not detected at indicated reporting limit.

A handwritten signature in black ink, appearing to be "M. M. M.", is located at the bottom left of the page.

WORK ORDER #:

04 - 03 - 0080

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: FFF

DATE: 3/2/04

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):

- °C Temperature blank.
- °C IR thermometer.
- Ambient temperature.

Initial: JJ

CUSTODY SEAL INTACT:

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

Initial: JJ

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample container label(s) consistent with custody papers.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample container(s) intact and good condition.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Correct containers for analyses requested.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Proper preservation noted on sample label(s).....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
VOA vial(s) free of headspace.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Tedlar bag(s) free of condensation.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Initial: JJ
3/2/04

COMMENTS:



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. 0090

Page 1 of 1

Project Contact (Hardcopy or PDF to): Joel Kiff		Geotracker COELT EDD REPORT? ___ YES ___ X NO		Chain-of-Custody Record and Analysis Request																									
Company/Address: Kiff Analytical, LLC		Sampling Company Log Code:		Analysis Request																									
Phone No.:	FAX No.:	Global ID:																											
Project Number: 67107	P.O. No.:	EDF Deliverable to (Email Address):																											
Project Name: Tesoro Station 67107		E-mail address: inbox@kiffanalytical.com																											
Project Address:		Sampling		Container					Preservative					Matrix															
Sample Designation		Date	Time	Glass Jar	Poly	Amber	Sleeve	Tedlar	ICE	HNO3	NaOH	NONE	Na2SO3	Water	Soil	Air	TSS												
H2O-Eff		2/28/04	1630		1							X		X			X												
Relinquished by: <i>Karen Hunt Kiff Analytical</i>		Date 07/01/04	Time 1900	Received by:		Remarks:																							
Relinquished by:		Date	Time	Received by:																									
Relinquished by:		Date 3/2/04	Time 1000	Received by Laboratory: <i>[Signature]</i>		Bill to:																							

March 8, 2004

For Lab Use Only



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

Lab No. 37212 Page 1 of 1

Project Contact (Hardcopy or PDF To):
Richard Munsel

California EDF Report? Yes No

Chain-of-Custody Record and Analysis Request

Company/Address:
RPM Environmental

Recommended but not mandatory to complete this section:
 Sampling Company Log Code: _____

Phone No.:
(916) 771-7098

FAX No.:
(916) 771-4584

Global ID: _____

Project Number:
67107

P.O. No.:
67107

EDF Deliverable To (Email Address): _____

Project Name:
Tesoro Station 67107

Sampler Signature:

Project Address:
San Lorenzo, CA

Sampling		Container		Preservative				Matrix	
Date	Time	40 ml VOA SLEEVE	Other	HCl	HNO ₃	ICE	NONE	WATER	SOIL
			<u>Poly</u>						

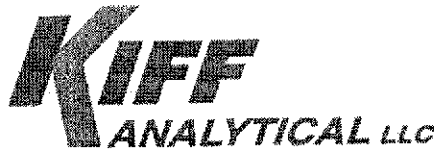
Analysis Request												TAT		
BTEX (8021B)	BTEX/TPH Gas/MTBE (8021B/M8015)	TPH as Diesel (M8015)	TPH as Motor Oil (M801B)	TPH Gas/BTEX/MTBE (8260B)	5 Oxygenates/TPH Gas/BTEX (8260B)	7 Oxygenates/TPH Gas/BTEX (8260B)	5 Oxygenates (8260B)	7 Oxygenates (8260B)	Lead Scav. (1,2 DCA & 1,2 EDB - 8260B)	EPA 8260B (Full List)	Volatile Halocarbons (EPA 8260B)	Lead (7421/239.2) TOTAL (X) W.E.T. (X)	12 hr/24 hr/48 hr/72 hr/wk	For Lab Use Only
											<u>C.O.D</u>			
											<u>TSS</u>			

Sample Designation	Date	Time	40 ml VOA SLEEVE	Other	HCl	HNO ₃	ICE	NONE	WATER	SOIL	BTEX (8021B)	BTEX/TPH Gas/MTBE (8021B/M8015)	TPH as Diesel (M8015)	TPH as Motor Oil (M801B)	TPH Gas/BTEX/MTBE (8260B)	5 Oxygenates/TPH Gas/BTEX (8260B)	7 Oxygenates/TPH Gas/BTEX (8260B)	5 Oxygenates (8260B)	7 Oxygenates (8260B)	Lead Scav. (1,2 DCA & 1,2 EDB - 8260B)	EPA 8260B (Full List)	Volatile Halocarbons (EPA 8260B)	Lead (7421/239.2) TOTAL (X) W.E.T. (X)	12 hr/24 hr/48 hr/72 hr/wk	For Lab Use Only	
<u>H₂O-Inf</u>	<u>2/28/04</u>	<u>4:38</u>	<u>2</u>		<u>X</u>				<u>X</u>						<u>X</u>											<u>01</u>
<u>H₂O-DAT-EFF</u>	<u>2/28/04</u>	<u>4:36</u>	<u>2</u>		<u>X</u>				<u>X</u>						<u>X</u>											<u>02</u>
<u>H₂O-MIDL</u>	<u>2/28/04</u>	<u>4:34</u>	<u>2</u>		<u>X</u>				<u>X</u>						<u>X</u>											<u>03</u>
<u>H₂O-MIDL</u>	<u>2/28/04</u>	<u>4:32</u>	<u>2</u>		<u>X</u>				<u>X</u>						<u>X</u>											<u>04</u>
<u>H₂O-EFF</u>	<u>2/28/04</u>	<u>4:30</u>	<u>2</u>	<u>2</u>	<u>X</u>				<u>X</u>						<u>X</u>								<u>X</u>	<u>X</u>		<u>05</u>

Relinquished by: 	Date	Time	Received by:
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by Laboratory:

Remarks: STAT

Bill to: Tesoro Petroleum
Rob Donavan



Report Number : 37485

Date : 03/24/2004

Richard Munsch
RDM Environmental
1704 Via Riata
Roseville, CA 95747

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,

A handwritten signature in black ink, appearing to read "Jeff Dahl", is written over a printed name.

Jeff Dahl



Report Number : 37485

Date : 03/24/2004

Project Name : **Tesoro Station 67107**

Project Number : **67107**

Sample : **H2O-Inf**

Matrix : Water

Lab Number : 37485-01

Sample Date :03/15/2004

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	03/19/2004
Toluene	< 0.50	0.50	ug/L	EPA 8260B	03/19/2004
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	03/19/2004
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	03/19/2004
Methyl-t-butyl ether (MTBE)	73	0.50	ug/L	EPA 8260B	03/19/2004
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	03/19/2004
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	03/19/2004
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	03/19/2004
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	03/19/2004
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	03/19/2004
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	03/19/2004
4-Bromofluorobenzene (Surr)	94.7		% Recovery	EPA 8260B	03/19/2004

Approved By:  Jeff Dahl



Report Number : 37485

Date : 03/24/2004

Project Name : **Tesoro Station 67107**

Project Number : **67107**

Sample : **H2O-DAT-Eff**

Matrix : Water

Lab Number : 37485-02

Sample Date :03/15/2004

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	03/19/2004
Toluene	< 0.50	0.50	ug/L	EPA 8260B	03/19/2004
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	03/19/2004
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	03/19/2004
Methyl-t-butyl ether (MTBE)	61	0.50	ug/L	EPA 8260B	03/19/2004
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	03/19/2004
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	03/19/2004
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	03/19/2004
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	03/19/2004
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	03/19/2004
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	03/19/2004
4-Bromofluorobenzene (Surr)	94.8		% Recovery	EPA 8260B	03/19/2004

Approved By:  Jeff Dahl



Report Number : 37485

Date : 03/24/2004

Project Name : Tesoro Station 67107

Project Number : 67107

Sample : H2O-MID 1

Matrix : Water

Lab Number : 37485-03

Sample Date :03/15/2004

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	03/19/2004
Toluene	< 0.50	0.50	ug/L	EPA 8260B	03/19/2004
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	03/19/2004
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	03/19/2004
Methyl-t-butyl ether (MTBE)	0.64	0.50	ug/L	EPA 8260B	03/19/2004
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	03/19/2004
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	03/19/2004
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	03/19/2004
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	03/19/2004
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	03/19/2004
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	03/19/2004
4-Bromofluorobenzene (Surr)	94.5		% Recovery	EPA 8260B	03/19/2004

Approved By:  Jeff Dahl

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



Report Number : 37485

Date : 03/24/2004

Project Name : **Tesoro Station 67107**

Project Number : **67107**


Sample : **H2O-MID 2**

Matrix : Water

Lab Number : 37485-04

Sample Date :03/15/2004

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	03/19/2004
Toluene	< 0.50	0.50	ug/L	EPA 8260B	03/19/2004
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	03/19/2004
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	03/19/2004
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	03/19/2004
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	03/19/2004
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	03/19/2004
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	03/19/2004
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	03/19/2004
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	03/19/2004
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	03/19/2004
4-Bromofluorobenzene (Surr)	93.1		% Recovery	EPA 8260B	03/19/2004

Approved By:  Jeff Dahl

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



Report Number : 37485

Date : 03/24/2004

Project Name : **Tesoro Station 67107**

Project Number : **67107**

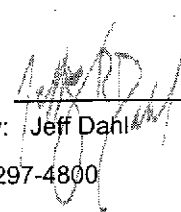
Sample : H2O-Eff

Matrix : Water

Lab Number : 37485-05

Sample Date :03/15/2004

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	03/19/2004
Toluene	< 0.50	0.50	ug/L	EPA 8260B	03/19/2004
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	03/19/2004
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	03/19/2004
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	03/19/2004
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	03/19/2004
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	03/19/2004
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	03/19/2004
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	03/19/2004
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	03/19/2004
Toluene - d8 (Surr)	110		% Recovery	EPA 8260B	03/19/2004
4-Bromofluorobenzene (Surr)	98.1		% Recovery	EPA 8260B	03/19/2004

Approved By:  Jeff Dahm

Report Number : 37485

Date : 03/24/2004

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	03/18/2004
Toluene	< 0.50	0.50	ug/L	EPA 8260B	03/18/2004
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	03/18/2004
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	03/18/2004
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	03/18/2004
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	03/18/2004
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	03/18/2004
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	03/18/2004
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	03/18/2004
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	03/18/2004
Toluene - d8 (Surr)	95.8		%	EPA 8260B	03/18/2004
4-Bromofluorobenzene (Surr)	108		%	EPA 8260B	03/18/2004
Benzene	< 0.50	0.50	ug/L	EPA 8260B	03/18/2004
Toluene	< 0.50	0.50	ug/L	EPA 8260B	03/18/2004
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	03/18/2004
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	03/18/2004
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	03/18/2004
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	03/18/2004
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	03/18/2004
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	03/18/2004
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	03/18/2004
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	03/18/2004
Toluene - d8 (Surr)	99.7		%	EPA 8260B	03/18/2004
4-Bromofluorobenzene (Surr)	95.3		%	EPA 8260B	03/18/2004

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
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Approved By:  Jeff Dahl

KIFF ANALYTICAL, LLC

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

Report Number : 37485

Date : 03/24/2004

QC Report : Matrix Spike/ Matrix Spike Duplicate

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	37508-06	<0.50	40.0	40.0	40.3	39.3	ug/L	EPA 8260B	3/18/04	101	98.2	2.68	70-130	25
Toluene	37508-06	<0.50	40.0	40.0	39.2	38.5	ug/L	EPA 8260B	3/18/04	97.9	96.2	1.78	70-130	25
Tert-Butanol	37508-06	<5.0	200	200	200	202	ug/L	EPA 8260B	3/18/04	100	101	0.552	70-130	25
Methyl-t-Butyl Ether	37508-06	10	40.0	40.0	49.9	49.8	ug/L	EPA 8260B	3/18/04	98.2	98.0	0.235	70-130	25
Benzene	37500-06	18	40.0	40.0	60.8	58.6	ug/L	EPA 8260B	3/18/04	106	100	5.30	70-130	25
Toluene	37500-06	24	40.0	40.0	64.7	64.0	ug/L	EPA 8260B	3/18/04	102	101	1.74	70-130	25
Tert-Butanol	37500-06	<5.0	200	200	208	210	ug/L	EPA 8260B	3/18/04	104	105	1.31	70-130	25
Methyl-t-Butyl Ether	37500-06	<0.50	40.0	40.0	38.2	39.1	ug/L	EPA 8260B	3/18/04	95.6	97.7	2.12	70-130	25

Approved By:  Jeff Dahl

KIFF ANALYTICAL, LLC

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

Report Number : 37485

Date : 03/24/2004


QC Report : Laboratory Control Sample (LCS)

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	3/18/04	99.6	70-130
Toluene	40.0	ug/L	EPA 8260B	3/18/04	112	70-130
Tert-Butanol	200	ug/L	EPA 8260B	3/18/04	104	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	3/18/04	94.6	70-130
Benzene	40.0	ug/L	EPA 8260B	3/18/04	103	70-130
Toluene	40.0	ug/L	EPA 8260B	3/18/04	106	70-130
Tert-Butanol	200	ug/L	EPA 8260B	3/18/04	104	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	3/18/04	92.9	70-130

KIFF ANALYTICAL, LLC

Approved By:  Jeff Darr

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



Analysis Summary

Report Number : 37485
Date : 03/24/04

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

Project Name : Tesoro Station 67107
Project Number : 67107

Sample Name			H2O-Inf		H2O-DAT-Eff		H2O-MID 1		H2O-MID 2		H2O-Eff	
Sample Date			03/15/04		03/15/04		03/15/04		03/15/04		03/15/04	
Analyte	Method	Units	MRL	Results	MRL	Results	MRL	Results	MRL	Results	MRL	Results
Benzene	EPA 8260B	ug/L	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Toluene	EPA 8260B	ug/L	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Ethylbenzene	EPA 8260B	ug/L	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Total Xylenes	EPA 8260B	ug/L	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Methyl-t-butyl ether (MTBE)	EPA 8260B	ug/L	0.50	73	0.50	61	0.50	0.64	0.50	ND	0.50	ND
Diisopropyl ether (DIPE)	EPA 8260B	ug/L	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Ethyl-t-butyl ether (ETBE)	EPA 8260B	ug/L	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Tert-amyl methyl ether (TAME)	EPA 8260B	ug/L	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Tert-Butanol	EPA 8260B	ug/L	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND
TPH as Gasoline	EPA 8260B	ug/L	50	ND	50	ND	50	ND	50	ND	50	ND
Toluene - d8 (Surr)	EPA 8260B	%		102		102		102		101		110
4-Bromofluorobenzene (Surr)	EPA 8260B	%		94.7		94.8		94.5		93.1		98.1

MRL = Method Reporting Limit
ND = Not Detected

Approved By,


Jeff Dahl

Calscience
Environmental
Laboratories, Inc.

March 23, 2004

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

Subject: **Calscience Work Order No.: 04-03-1012**
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 3/17/2004 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 Assurance Program 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


Michael J. Crisostomo
Quality Assurance Manager

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

Date Received: 03/17/04
Work Order No: 04-03-1012

Project: Tesoro Station 67107

Page 1 of 1

Client Sample Number	Lab Sample Number	Date Collected	Matrix
H2O-Eff	04-03-1012-1	03/15/04	Aqueous

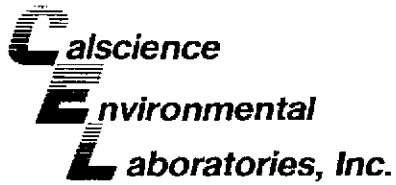
Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Solids, Total Suspended	ND	1.0	1		mg/L	N/A	03/18/04	EPA 160.2
Chemical Oxygen Demand	7.7	5.0	1		mg/L	N/A	03/18/04	EPA 410.4

Method Blank	N/A	Aqueous
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Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Chemical Oxygen Demand	ND	5.0	1		mg/L	N/A	03/18/04	EPA 410.4

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

7440 Lincoln Way, Garden Grove, CA 92841-1427 • TEL: (714) 895-5494 • FAX: (714) 894-7501



Quality Control - Duplicate

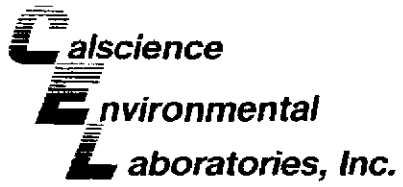
Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

Date Received: 03/17/04
Work Order No: 04-03-1012

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	H2O-Eff	03/18/04	7.7	7.7	0	0-25	
Solids, Total Suspended	EPA 160.2	04-03-1077-2	03/18/04	140	130	7	0-25	



Glossary of Terms and Qualifiers

Work Order Number: 04-03-1012

<u>Qualifier</u>	<u>Definition</u>
ND	Not detected at indicated reporting limit.

A handwritten signature in black ink, appearing to be "M. M. M.", is located at the bottom left of the page.

WORK ORDER #: **04-03-1012**

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: KIEF

DATE: 03/17/04

TEMPERATURE - SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

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

LABORATORY (Other than Calscience Courier):

- 3.3 °C Temperature blank.
- °C IR thermometer.
- Ambient temperature.

Initial: Tu

CUSTODY SEAL INTACT:

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

Initial: Tu

SAMPLE CONDITION:

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

Initial: Tu

COMMENTS:

Project Contact (Hardcopy or PDF To): Richard Munnell
 Company/Address: RDM Environmental
 Phone No.: (916) 771-7018 FAX No.: (916) 771-4584
 Project Number: 07107 P.O. No: 07107
 Project Name: Tesoro Station 07107
 Project Address: San Lorenzo CA
 Global ID: _____
 EDF Deliverable To (Email Address): _____
 Sampler Signature: [Signature]

Chain-of-Custody Record and Analysis Request

Sample Designation	Sampling		Container				Preservative				Matrix		
	Date	Time	40 ml VOA	SLEEVE	poly	poly	HCl	HNO ₃	ICE	NONE	WATER	WATER	SOIL
H ₂ O-Inf	3/15/04	1:00	2				X				X		
H ₂ O-PAI-est	3/15/04	12:58	2				X				X		
H ₂ O-MID 1	3/15/04	12:58	2				X				X		
H ₂ O-MID 2	3/15/04	12:59	2				X				X		
H ₂ O-Off	3/15/04	12:50	2				X		X	X	X		

Analysis Request												TAT				
BTEX (8021B)	BTEX/TPH Gas/MTBE (8021B/M8015)	TPH as Diesel (M8015)	TPH as Motor Oil (M8015)	TPH Gas/BTEX/MTBE (8260B)	5 Oxygenates/TPH Gas/BTEX (8260B)	7 Oxygenates/TPH Gas/BTEX (8260B)	5 Oxygenates (8260B)	7 Oxygenates (8260B)	Lead Scav. (1,2 DCA & 1,2 EDB - 8260B)	EPA 8260B (Full List)	Volatile Halocarbons (EPA 8260B)	Lead (7421239.2) TOTAL (X) W.E.T. (X)	C.O.D	TSS	12 hr/24 hr/48 hr/72 hr/1 wk	For Lab Use Only
					X	X						X	X			

Relinquished by: <u>[Signature]</u>	Date	Time	Received by: _____
Relinquished by: _____	Date	Time	Received by: _____
Relinquished by: _____	Date	Time	Received by Laboratory: <u>YB = A. [Signature]</u>

Remarks: STAT

Bill to: Tesoro Petroleum



Report Number : 37488

Date : 3/17/2004

Richard Munsch
RDM Environmental
1704 Via Riata
Roseville, CA 95747

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

Dear Mr. Munsch,

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

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

Sincerely,

A handwritten signature in black ink, appearing to read "Jeff Dahl", is written over a printed name.

Jeff Dahl



Report Number : 37488

Date : 3/17/2004

Project Name : **Tesoro Station 67107**

Project Number : **67107**

Sample : **DAT-Air-Eff**

Matrix : Air

Lab Number : 37488-01

Sample Date : 3/15/2004

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.050	0.050	ppmv	EPA 8260B	3/17/2004
Toluene	< 0.050	0.050	ppmv	EPA 8260B	3/17/2004
Ethylbenzene	< 0.050	0.050	ppmv	EPA 8260B	3/17/2004
Total Xylenes	< 0.050	0.050	ppmv	EPA 8260B	3/17/2004
Methyl-t-butyl ether (MTBE)	< 0.050	0.050	ppmv	EPA 8260B	3/17/2004
Diisopropyl ether (DIPE)	< 0.050	0.050	ppmv	EPA 8260B	3/17/2004
Ethyl-t-butyl ether (ETBE)	< 0.050	0.050	ppmv	EPA 8260B	3/17/2004
Tert-amyl methyl ether (TAME)	< 0.050	0.050	ppmv	EPA 8260B	3/17/2004
Tert-Butanol	< 0.50	0.50	ppmv	EPA 8260B	3/17/2004
TPH as Gasoline	< 5.0	5.0	ppmv	EPA 8260B	3/17/2004
4-Bromofluorobenzene (Surr)	97.9		% Recovery	EPA 8260B	3/17/2004
Toluene - d8 (Surr)	95.4		% Recovery	EPA 8260B	3/17/2004

Approved By:  Jeff Dahl



Analysis Summary

Report Number : 37488

Date : 3/17/2004

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

Project Name : Tesoro Station 67107
Project Number : 67107

Sample Name		DAT-Air-Eff		
Sample Date		3/15/2004		
Analyte	Method	Units	MRL	Results
Benzene	EPA 8260B	ppmv	0.050	ND
Toluene	EPA 8260B	ppmv	0.050	ND
Ethylbenzene	EPA 8260B	ppmv	0.050	ND
Total Xylenes	EPA 8260B	ppmv	0.050	ND
Methyl-t-butyl ether (MTBE)	EPA 8260B	ppmv	0.050	ND
Diisopropyl ether (DIPE)	EPA 8260B	ppmv	0.050	ND
Ethyl-t-butyl ether (ETBE)	EPA 8260B	ppmv	0.050	ND
Tert-amyl methyl ether (TAME)	EPA 8260B	ppmv	0.050	ND
Tert-Butanol	EPA 8260B	ppmv	0.50	ND
TPH as Gasoline	EPA 8260B	ppmv	5.0	ND
Toluene - d8 (Surr)	EPA 8260B	%		95.4
4-Bromofluorobenzene (Surr)	EPA 8260B	%		97.9

MRL = Method Reporting Limit
ND = Not Detected

Approved By,


Jeff Dahl

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

