GETTLER-RYAN INC.

TRANSMITTAL

MAR 2 9 2002

March 13, 2002
G-R #180106

TO: Mr. David B. De Witt
Phillips 66 Company
2000 Crow Canyon Place, Suite 400
San Ramon, California 94583

CC: Mr. Douglas Lee
Gettler-Ryan Inc.
Dublin, California 94568

FROM: Deanna L. Harding
Project Coordinator
Gettler-Ryan Inc.
6747 Sierra Court, Suite J
Dublin, California 94568

RE: Former Tosco (Unocal)
Service Station #7004
15599 Hesperian Blvd.
San Leandro, California

RO#371 SCS

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
1	March 7, 2002	Groundwater Monitoring and Sampling Report First Semi-Annual - Event of January 28, 2002

COMMENTS:

This report is being sent to you for your review/comment, prior to being distributed on your behalf. If no comments are received by ***March 26, 2002***, this report will be distributed to the following:

cc: **Ms. Susan Hugo, Alameda County Health Care Services, 1131 Harbor Bay Parkway, Alameda, CA 94502**
Mr. Michael Bakaldin, City of San Leandro Fire Department, 835 East 14th Street, San Leandro, CA 94577

Enclosure

trans/7004-DBD

GETTLER-RYAN INC.

March 7, 2002
G-R Job #180106

Mr. David B. De Witt
Phillips 66 Company
2000 Crow Canyon Place, Suite 400
San Ramon, California 94583

MAR 2 9 2002

RE: First Semi-Annual Event of January 28, 2002
Groundwater Monitoring & Sampling Report
Former Tosco (Unocal) Service Station #7004
15599 Hesperian Boulevard
San Leandro, California

Dear Mr. De Witt:

This report documents the most recent groundwater monitoring and sampling event performed by Gettler-Ryan Inc. (G-R) at the referenced site. All field work was conducted in accordance with G-R Standard Operating Procedure - Groundwater Sampling (attached).

Static groundwater levels were measured and all wells were checked for the presence of separate-phase hydrocarbons. Separate-phase hydrocarbons were not present in the wells. Static water level data and groundwater elevations are summarized in Table 1. Dissolved Oxygen Concentrations are summarized in Table 2. A Potentiometric Map is included as Figure 1.

Groundwater samples were collected from the monitoring wells as specified by G-R Standard Operating Procedure - Groundwater Sampling (attached). The field data sheets are also attached. The samples were analyzed by Sequoia Analytical. Analytical results are summarized in Tables 1and 3. A Concentration Map is included as Figure 2. The chain of custody document and laboratory analytical reports are also attached.

Sincerely,

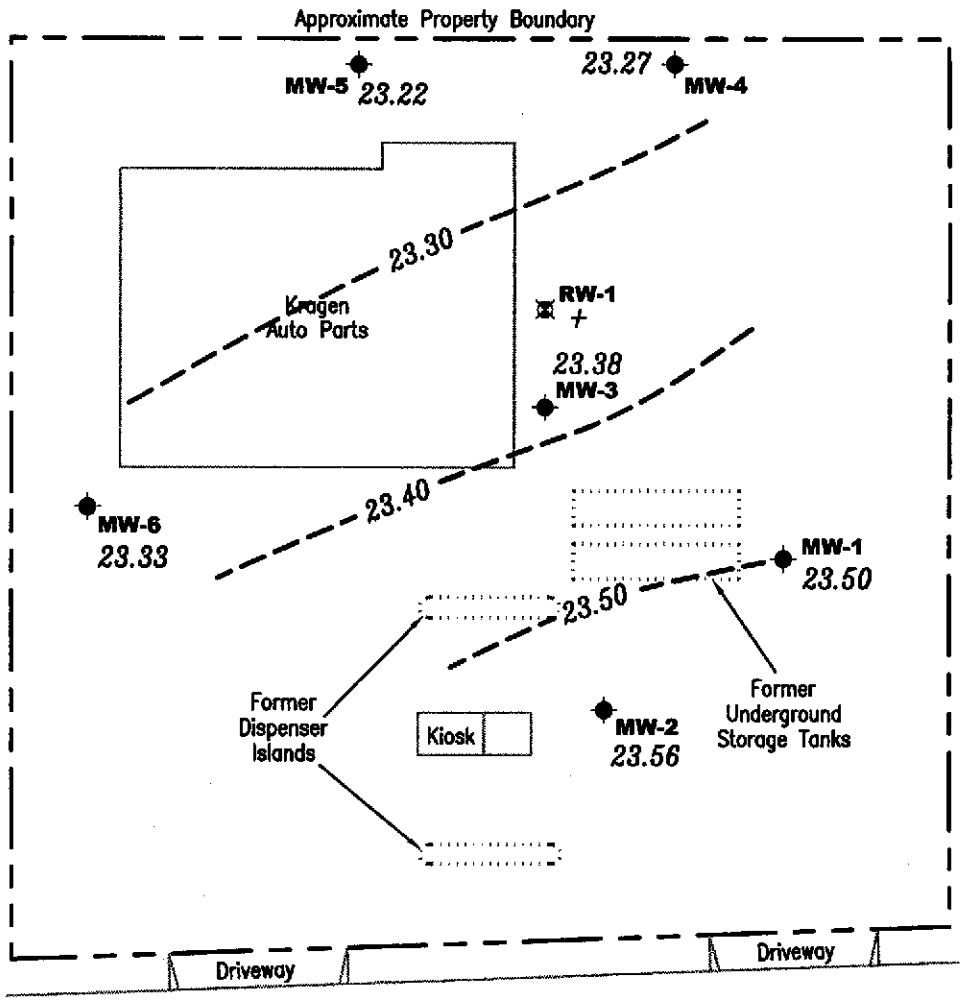
Deanna L. Harding
Project Coordinator

Hagop Kevork
P.E. No. C55734

REGISTERED PROFESSIONAL ENGINEER
HAGOP KEVORK
No. C 55734
Exp. 12/31/04
CIVIL
STATE OF CALIFORNIA

Figure 1: Potentiometric Map
Figure 2: Concentration Map
Table 1: Groundwater Monitoring Data and Analytical Results
Table 2: Dissolved Oxygen Concentrations
Table 3: Groundwater Analytical Results - Oxygenate Compounds
Attachments: Standard Operating Procedure - Groundwater Sampling
Field Data Sheets
Chain of Custody Document and Laboratory Analytical Reports

6747 Sierra Court, Suite J • Dublin, California 94568 • (925) 551-7555



EXPLANATION

- Groundwater monitoring well
- Aquifer testing well
- 99.99 — Groundwater elevation in feet referenced to Mean Sea Level
- 99.99 — Groundwater elevation contour, dashed where inferred.
- \+ — TOC not available

Approximate groundwater flow direction at a gradient of 0.002 to 0.003 Ft./Ft.

N

0 40

Scale in Feet

Source: Figure modified from drawing provided by MPDS Services Inc..

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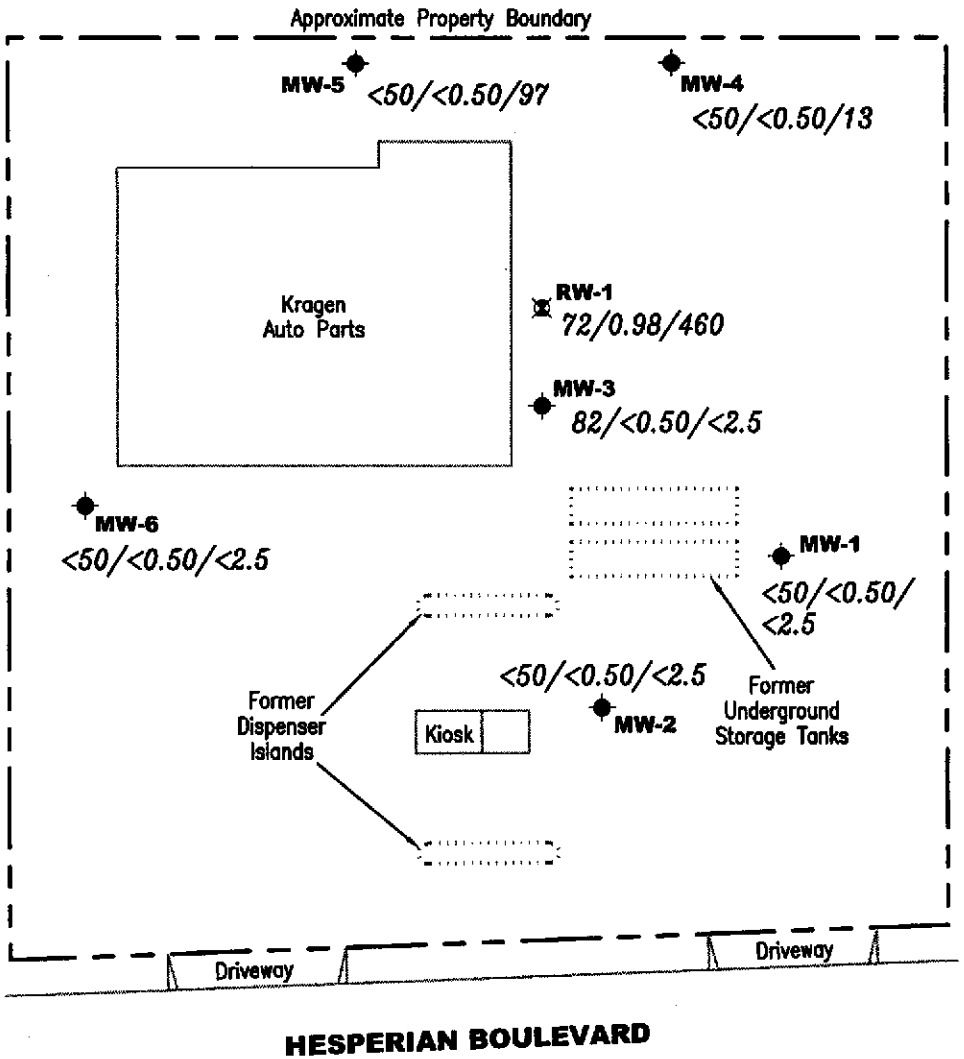
POTENTIOMETRIC MAP
Former Tosco (Unocal) Service Station #7004
15599 Hesperian Boulevard
San Leandro, California

FIGURE
1

PROJECT NUMBER	REVIEWED BY	DATE	REVISED DATE
180106		January 28, 2002	

FILE NAME: P:\Enviro\TOSCO\7004\Q02-7004.dwg | Layout Tab: Pot1



EXPLANATION

- Groundwater monitoring well
- Aquifer testing well
- *A/B/C* Total Petroleum Hydrocarbons (TPH) as Gasoline/Benzene/ MTBE concentrations in ppb

N

0 40

Scale in Feet

Source: Figure modified from drawing provided by MPDS Services Inc..

GETTLER - RYAN INC.
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Dublin, CA 94568 (925) 551-7555

CONCENTRATION MAP
Former Tosco (Unocal) Service Station #7004
15599 Hesperian Boulevard
San Leandro, California

FIGURE
2

PROJECT NUMBER	REVIEWED BY	DATE	REVISED DATE
180106		January 28, 2002	

FILE NAME: P:\Enviro\TOSCO\7004\Q02-7004.dwg | Layout Tab: Con1

Table 1

Groundwater Monitoring Data and Analytical Results

Former Tosco (Unocal) Service Station #7004

15599 Hesperian Boulevard

San Leandro, California

WELL ID/ TOC*	DATE	DTW (ft.)	S.I. (ft. bgs)	GWE (msl)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-1	05/04/91	--	10.0-25.0	--	ND	ND	ND	ND	ND	--
	07/23/91	--		--	ND	ND	ND	ND	ND	--
	10/14/91	--		--	ND	ND	ND	ND	ND	--
	01/14/92	--		--	ND	ND	ND	ND	ND	--
	04/14/92	--		--	76[1]	ND	ND	ND	ND	--
	07/09/92	--		--	70[1]	ND	ND	ND	ND	130
	10/28/92	--		--	SAMPLED SEMI-ANNUALLY		--	--	--	--
	01/21/93	--		--	ND	ND	ND	ND	ND	42
36.89	04/20/93	14.89		22.00	--	--	--	--	--	56
	07/22/93	14.34		22.55	ND	ND	ND	ND	ND	77
36.39	10/06/93	14.87		21.52	--	--	--	--	--	--
	01/11/94	15.14		21.25	ND	ND	ND	ND	ND	--
	04/06/94	14.19		22.20	--	--	--	--	--	--
	07/08/94	14.66		21.73	ND	ND	ND	ND	ND	--
	10/06/94	16.71		19.68	--	--	--	--	--	--
	01/05/95	14.68		21.71	ND	ND	ND	ND	ND	--
	04/05/95	11.76		24.63	--	--	--	--	--	--
	07/14/95	12.93		23.46	ND	0.65	2.2	ND	2.3	--
	10/12/95	14.29		22.10	--	--	--	--	--	--
	01/08/96	14.18		22.21	ND	ND	ND	ND	ND	--
	07/08/96	12.74		23.65	ND	ND	ND	ND	ND	ND
	01/03/97	12.89		23.50	87[1]	ND	ND	ND	ND	ND
	07/02/97	13.66		22.73	ND	ND	ND	ND	ND	ND
	01/15/98	13.08		23.31	ND	ND	ND	ND	ND	ND
	07/08/98	11.25		25.14	ND	ND	ND	ND	ND	ND
	01/11/99	13.68		22.71	51[9]	ND	ND	ND	ND	4.8
	07/07/99	12.15		24.24	ND	ND	ND	ND	ND	ND
	01/04/00	13.95		22.44	ND	ND	ND	ND	ND	ND
	07/15/00	13.46		22.93	ND	ND	0.86	ND	ND	ND
	01/19/01	12.96		23.43	ND	ND	ND	ND	ND	ND
	07/31/01	14.36		22.03	ND	ND	ND	ND	ND	ND
	01/28/02	**12.89**		**23.50**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<2.5**

Table 1

Groundwater Monitoring Data and Analytical Results

Former Tosco (Unocal) Service Station #7004
15599 Hesperian Boulevard
San Leandro, California

WELL ID/ TOC*	DATE	DTW (ft.)	S.I. (ft. bgs)	GWE (msl)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-2	05/04/91	--	10.0-25.0	--	ND	ND	ND	ND	ND	--
	07/23/91	--		--	ND	ND	ND	ND	ND	--
	10/14/91	--		--	ND	ND	ND	ND	ND	--
	01/14/92	--		--	ND	ND	ND	ND	ND	--
	04/14/92	--		--	45[1]	ND	ND	ND	ND	--
	07/09/92	--		--	ND	ND	ND	ND	ND	49
	10/28/92	--		--	SAMPLED SEMI-ANNUALLY		--	--	--	--
	01/21/93	--		--	ND	ND	ND	ND	ND	17
37.35	04/20/93	15.20		22.15	--	--	--	--	--	80
	07/22/93	14.75		22.60	62[1]	ND	ND	ND	ND	42
37.07	10/06/93	15.49		21.58	--	--	--	--	--	--
	01/11/94	15.77		21.30	120[1]	ND	ND	ND	ND	--
	04/06/94	14.83		22.24	--	--	--	--	--	--
	07/08/94	15.28		21.79	140[1]	ND	ND	ND	ND	--
	10/06/94	16.32		20.75	--	--	--	--	--	--
	01/05/95	15.30		21.77	310[1]	ND	ND	ND	ND	--
	04/05/95	12.12		24.95	--	--	--	--	--	--
	07/14/95	13.55		23.52	86[1]	ND	ND	ND	ND	--
	10/12/95	14.88		22.19	--	--	--	--	--	--
	01/08/96	14.81		22.26	91[1]	ND	ND	ND	ND	--
	07/08/96	13.37		23.70	100[1]	ND	ND	ND	ND	ND
	01/03/97	13.14		23.93	160[1]	ND	ND	ND	ND	ND
	07/02/97	14.26		22.81	91[1]	ND	ND	ND	ND	ND
	01/15/98	13.31		23.76	ND	ND	ND	ND	ND	ND
	07/08/98	11.57		25.50	ND	ND	ND	ND	ND	ND
	01/11/99	14.26		22.81	ND	ND	ND	ND	ND	9.8
	07/07/99	12.24		24.83	ND	ND	ND	ND	ND	9.4
	01/04/00	14.14		22.93	ND	ND	0.518	ND	ND	9.07
	07/15/00	13.75		23.32	ND	ND	0.51	ND	ND	6.0
	01/19/01	13.37		23.70	ND	ND	ND	ND	ND	6.84
	07/31/01	14.96		22.11	ND	ND	ND	ND	ND	ND
	01/28/02	**13.51**		**23.56**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<2.5**

Table 1

Groundwater Monitoring Data and Analytical Results

Former Tosco (Unocal) Service Station #7004
15599 Hesperian Boulevard
San Leandro, California

WELL ID/ TOC*	DATE	DTW (ft.)	S.I. (ft. bgs)	GWE (msl)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-3	05/04/91	--	10.0-25.0	--	34,000	6,100	32	1,200	6,100	--
	07/23/91	--		--	17,000	5,500	26	1,800	2,800	--
	10/14/91	--		--	25,000	6,300	78	2,000	1,400	--
	01/14/92	--		--	13,000	6,600	19	2,600	1,800	--
	04/14/92	--		--	16,000	3,400	19	1,400	1,300	--
	07/09/92	--		--	13,000	3,200	12	1,900	1,100	--
	10/28/92	--		--	15,000	4,400	15	2,400	800	--
	01/21/93	--		--	12,000	2,800	11	1,600	590	--
37.22	04/20/93	15.13		22.09	18,000	3,700	11	2,300	1,300	410
	07/22/93	13.52		23.70	16,000	4,500	17	3,600	1,900	440
36.79	10/06/93	15.41		21.38	24,000	4,100	ND	3,600	2,000	ND
	01/11/94	15.66		21.13	19,000	3,300	31	3,300	890	--
	04/06/94	14.72		22.07	24,000	3,100	ND	3,300	820	--
	07/08/94	15.20		21.59	18,000	2,200	25	2,500	860	--
	10/06/94	16.23		20.56	20,000	2,100	26	3,000	900	--
	01/05/95	15.12		21.67	20,000	2,100	ND	3,200	3,800	--
	04/05/95	12.03		24.76	18,000	2,100	ND	3,700	690	--
	07/14/95	13.46		23.33	21,000	1,600	ND	3,900	1,500	--
	10/12/95	14.81		21.98	17,000	1,000	ND	3,600	1,000	--[3]
	01/08/96	14.70		22.09	14,000	760	ND	3,100	380	--[4]
	07/08/96	13.29		23.50	16,000	470	45	4,400	1,000	340
	01/03/97	13.09		23.70	14,000	160	ND	2,100	120	620
	07/02/97	13.96		22.83	23,000	110	ND	3,600	1,600	1,200
	01/15/98	13.26		23.53	12,000	33	ND[5]	2,800	120	1,100
	07/08/98	11.64		25.15	20,000	76	ND[5]	4,100	1,400	750
	01/11/99	14.17		22.62	23,000[10]	ND[5]	ND[5]	4,100	460	920
	07/07/99	13.18		23.61	15,000[11]	35	ND[5]	3,400	470	1,700
	01/04/00	14.27		22.52	15,500	ND[5]	ND[5]	3,330	191	827
	07/15/00	13.91		22.88	15,000[12]	ND[5]	ND[5]	3,400	420	3,300
	08/25/00	14.24		22.55	--	--	--	--	--	1,920[13]

Table 1

Groundwater Monitoring Data and Analytical Results

Former Tosco (Unocal) Service Station #7004
15599 Hesperian Boulevard
San Leandro, California

WELL ID/ TOC*	DATE	DTW (ft.)	S.I. (ft. bgs)	GWE (msl)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-3	01/19/01	13.42	10.0-25.0	23.37	11,100[14]	38.4	ND[5]	1,760	38.8	ND[5]
(cont)	07/31/01	14.90		21.89	13,000[14]	ND[5]	ND[5]	1,600	63	ND[5]
	01/28/02	**13.41**		**23.38**	**82**	**<0.50**	**<0.50**	**10**	**<0.50**	**<2.5**
MW-4	07/23/91	--	10.0-26.0	--	ND	ND	ND	ND	ND	--
	10/14/91	--		--	ND	ND	ND	ND	ND	--
	01/14/92	--		--	ND	ND	ND	ND	ND	--
	04/14/92	--		--	ND	ND	ND	ND	ND	--
	07/09/92	--		--	ND	ND	ND	ND	ND	--
	10/28/92	--		--	SAMPLED SEMI-ANNUALLY		--	--	--	--
	01/21/93	--		--	ND	ND	ND	ND	ND	--
35.81	04/20/93	13.84		21.97	--	--	--	--	--	65
	07/22/93	13.52		22.29	ND	ND	ND	ND	ND	54
35.44	10/06/93	14.17		21.27	--	--	--	--	--	--
	01/11/94	14.42		21.02	ND	ND	ND	ND	ND	--
	04/06/94	13.44		22.00	--	--	--	--	--	--
	07/08/94	13.96		21.48	ND	ND	ND	ND	ND	--
	10/06/94	15.00		20.44	--	--	--	--	--	--
	01/05/95	13.83		21.61	ND	ND	ND	ND	ND	--
	04/05/95	11.05		24.39	--	--	--	--	--	--
	07/14/95	12.23		23.21	ND	ND	ND	ND	ND	--
	10/12/95	13.59		21.85	--	--	--	--	--	--
	01/08/96	13.43		22.01	ND	ND	ND	ND	ND	--[4]
	07/08/96	12.04		23.40	ND	ND	ND	ND	ND	ND
	01/03/97	12.38		23.06	80[1]	ND	ND	ND	ND	ND
	07/02/97	13.00		22.44	ND	ND	ND	ND	ND	25
	01/15/98	12.50		22.94	ND	ND	ND	ND	ND	ND
	07/08/98	10.53		24.91	ND	ND	ND	ND	ND	25
	01/11/99	12.95		22.49	ND	ND	ND	ND	ND	23
	07/07/99	11.76		23.68	ND	ND	ND	ND	ND	15
	01/04/00	13.17		22.27	ND	ND	ND	ND	ND	13.2

Table 1

Groundwater Monitoring Data and Analytical Results

Former Tosco (Unocal) Service Station #7004

15599 Hesperian Boulevard

San Leandro, California

WELL ID/ TOC*	DATE	DTW (ft.)	S.I. (ft. bgs)	GWE (msl)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-4	07/15/00	13.04	10.0-26.0	22.40	ND	ND	ND	ND	ND	11
(cont)	01/19/01	12.65		22.79	ND	ND	ND	ND	ND	9.97
	07/31/01	13.69		21.75	ND	ND	ND	ND	ND	6.0
	01/28/02	**12.17**		**23.27**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**13**
MW-5	07/23/91	--	10.0-26.0	--	260	1.2	0.39	10	0.71	--
	10/14/91	--		--	140	0.72	ND	1.3	0.89	--
	01/14/92	--		--	60[1]	ND	ND	ND	ND	--
	04/14/92	--		--	86[1]	ND	ND	ND	ND	--
	07/09/92	--		--	ND	ND	ND	ND	ND	71
	10/28/92	--		--	ND	ND	ND	ND	ND	45
	01/21/93	--		--	100[1]	ND	ND	ND	ND	160
37.01	04/20/93	14.87		22.14	99[1]	ND	ND	ND	ND	120
	07/22/93	14.82		22.19	59[2]	ND	ND	2.6	ND	42
36.81	10/06/93	15.61		21.20	150	1.1	ND	3.1	0.85	57
	01/11/94	15.84		20.97	160	ND	0.79	0.54	ND	--
	04/06/94	14.90		21.91	260	1.4	ND	0.88	ND	--
	07/08/94	15.38		21.43	200	ND	ND	ND	ND	--
	10/06/94	16.42		20.39	350	1.3	ND	ND	ND	--
	01/05/95	15.20		21.61	85	ND	ND	ND	ND	--
	04/05/95	11.72		25.09	ND	ND	ND	ND	ND	--
	07/14/95	13.69		23.12	180	1.3	ND	7.9	ND	--
	10/12/95	15.02		21.79	310	ND	ND	31	1.2	--[3]
	01/08/96	14.85		21.96	ND	0.55	ND	ND	0.58	--[4]
	07/08/96	13.52		23.29	140	2.1	1.4	5.6	0.51	110
♦	07/12/96	14.50		22.31	--	--	--	--	--	--
	01/03/97	12.85		23.96	12,000	150	ND	2,100	120	660
	07/02/97	13.79		23.02	ND	ND	ND	ND	ND	72
	01/15/98	13.03		23.78	69[6]	ND	ND	ND	ND	--[7]
	07/08/98	12.05		24.76	ND	0.74	ND	ND	ND	95
♦♦	01/11/99	14.41		22.40	ND	1.0	ND	ND	ND	170

Table 1

Groundwater Monitoring Data and Analytical Results

Former Tosco (Unocal) Service Station #7004

15599 Hesperian Boulevard

San Leandro, California

WELL ID/ TOC*	DATE	DTW (ft.)	S.I. (ft. bgs)	GWE (msl)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-5	07/07/99	12.38	10.0-26.0	24.43	130	0.64	ND	ND	ND	330
(cont)	01/04/00	14.33		22.48	ND	ND	ND	ND	ND	183
	07/15/00	13.88		22.93	ND	0.68	ND	ND	ND	350
	01/19/01	13.41		23.40	ND	ND	ND	ND	ND	195
	07/31/01	15.12		21.69	ND	ND	ND	ND	ND	190
	01/28/02	**13.59**		**23.22**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**97**
MW-6	07/23/91	--	10.0-26.0	--	ND	ND	ND	ND	ND	--
	10/14/91	--		--	ND	ND	ND	ND	ND	--
	01/14/92	--		--	ND	ND	ND	ND	ND	--
	04/14/92	--		--	ND	ND	ND	ND	ND	--
	07/09/92	--		--	ND	ND	ND	ND	ND	--
	10/28/92	--		--	SAMPLED SEMI-ANNUALLY		--	--	--	--
	01/21/93	--		--	ND	ND	ND	ND	ND	--
37.55	04/20/93	15.27		22.28	--	--	--	--	--	ND
	07/22/93	15.20		22.35	ND	ND	ND	ND	ND	ND
37.13	10/06/93	15.75		21.38	--	--	--	--	--	--
	01/11/94	16.02		21.11	ND	ND	ND	ND	ND	--
	04/06/94	15.07		22.06	--	--	--	--	--	--
	07/08/94	15.55		21.58	ND	ND	ND	ND	ND	--
	10/06/94	16.58		20.55	--	--	--	--	--	--
	01/05/95	15.42		21.71	ND	ND	ND	ND	ND	--
	04/05/95	12.14		24.99	--	--	--	--	--	--
	07/14/95	13.87		23.26	ND	ND	ND	ND	ND	--
	10/12/95	15.17		21.96	--	--	--	--	--	--
	01/08/96	15.05		22.08	ND	ND	ND	ND	ND	--
	07/08/96	13.71		23.42	ND	ND	ND	ND	ND	ND
	01/03/97	13.12		24.01	97[1]	ND	ND	ND	ND	ND
	07/02/97	14.57		22.56	ND	ND	ND	ND	ND	ND
	01/15/98	13.30		23.83	ND	ND	ND	ND	ND	ND
	07/08/98	12.33		24.80	ND	ND	ND	ND	ND	ND

Table 1

Groundwater Monitoring Data and Analytical Results

Former Tosco (Unocal) Service Station #7004

15599 Hesperian Boulevard

San Leandro, California

WELL ID/ TOC*	DATE	DTW (ft.)	S.I. (ft. bgs)	GWE (msl)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-6	01/11/99	14.60	10.0-26.0	22.53	ND	ND	ND	ND	ND	ND
(cont)	07/07/99	13.23		23.90	ND	ND	ND	ND	ND	ND
	01/04/00	14.41		22.72	ND	ND	ND	ND	ND	ND
	07/15/00	14.05		23.08	ND	ND	ND	ND	ND	ND
	01/19/01	13.58		23.55	ND	ND	ND	ND	ND	ND
	07/31/01	15.24		21.89	ND	ND	ND	ND	ND	ND
	01/28/02	**13.80**		**23.33**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<2.5**
RW-1	07/08/98	11.72	12.5-27.5	--	80[8]	1.7	ND	ND	ND	1,300
	01/11/99	14.05		--	ND[5]	3.0	ND[5]	ND[5]	ND[5]	1,200
	07/07/99	13.05		--	ND	ND	ND	ND	ND	590
	01/04/00	14.26		--	ND	ND	ND	ND	ND	270
	07/15/00	13.77		--	ND	0.55	ND	ND	ND	460
	01/19/01	13.29		--	ND	ND	ND	ND	ND	338
	07/31/01	14.72		--	ND[5]	ND[5]	ND[5]	ND[5]	ND[5]	1,900
	01/28/02	**13.21**		**--**	**72[15]**	**0.98**	**<0.50**	**<0.50**	**<0.50**	**460**
Trip Blank										
TB-LB	01/15/98	--	--	--	ND	ND	ND	ND	ND	ND
	07/08/98	--		--	ND	ND	ND	ND	ND	ND
	01/11/99	--		--	ND	ND	ND	ND	ND	ND
	07/07/99	--		--	ND	ND	ND	ND	ND	ND
	01/04/00	--		--	ND	ND	ND	ND	ND	ND
	07/15/00	--		--	ND	ND	ND	ND	ND	ND
	01/19/01	--		--	ND	ND	ND	ND	ND	ND
	07/31/01	--		--	ND	ND	ND	ND	ND	ND
	01/28/02	**--**		**--**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<2.5**

Table 1

Groundwater Monitoring Data and Analytical Results

Former Tosco (Unocal) Service Station #7004
15599 Hesperian Boulevard
San Leandro, California

EXPLANATIONS:

Groundwater monitoring data and laboratory analytical results prior to January 15, 1998, were compiled from reports prepared by MPDS Services, Inc.

TOC = Top of Casing
DTW = Depth to Water
(ft.) = Feet
S.I. = Screen Interval
(ft. bgs) = Feet Below Ground Surface
GWE = Groundwater Elevation
(msl) = Mean sea level

TPH-G = Total Petroleum Hydrocarbons as Gasoline
B = Benzene
T = Toluene
E = Ethylbenzene
X = Xylenes
MTBE = Methyl tertiary butyl ether

(ppb) = Parts per billion
ND = Not Detected
-- = Not Measured/Not Analyzed/Not Available

* TOC elevations are relative to mean sea level (msl), based on the City of San Leandro Benchmark (Elevation = 36.04 feet msl). Prior to October 6, 1993, the DTW measurements were taken from the top of well covers.

♦ ORC installed.

♦♦ ORC removed from well.

1 Laboratory report indicates the hydrocarbons detected did not appear to be gasoline.

2 Laboratory report indicates the hydrocarbons detected appeared to be a gasoline and non-gasoline mixture.

3 Laboratory has potentially identified the presence of MTBE at reportable levels in the groundwater sample collected from this well.

4 Laboratory has identified the presence of MTBE at a level above or equal to the taste and odor threshold of 40 ppb in the sample collected from this well.

5 Detection limit raised. Refer to analytical reports.

6 Laboratory report indicates unidentified hydrocarbons C6-C8.

7 Laboratory narrative: MTBE was not reported due to the presence of a chlorinated hydrocarbon pattern.

8 Laboratory report indicates discrete peaks and unidentified hydrocarbons <C7.

9 Laboratory report indicates discrete peaks.

10 Laboratory report indicates gasoline and unidentified hydrocarbons C6-C12.

11 Laboratory report indicates gasoline and unidentified hydrocarbons <C6.

12 Laboratory report indicates gasoline C6-C12.

13 MTBE by EPA Method 8260.

14 Laboratory report indicates weathered gasoline C6-C12.

15 Laboratory report indicates hydrocarbon pattern is present in the requested fuel quantitation range but does not resemble the pattern of the requested fuel.

Table 2

Dissolved Oxygen Concentrations

Former Tosco (Unocal) Service Station #7004

15599 Hesperian Boulevard

San Leandro, California

WELL ID	DATE	Before Purging *(mg/L)*	After Purging *(mg/L)*
MW-5	07/02/97	3.82	3.97
	01/03/97	4.35	4.27
	07/12/96	3.44	3.67
	01/15/98	4.19	4.38
	07/08/98	4.67	4.60

EXPLANATIONS:

Dissolved oxygen concentrations prior to January 15, 1998, were compiled from reports prepared by MPDS Services, Inc.

(mg/L) = milligrams per liter

Table 3

Groundwater Analytical Results - Oxygenate Compounds

Former Tosco (Unocal) Service Station #7004

15599 Hesperian Boulevard

San Leandro, California

WELL ID	DATE	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)	1,2-DCA (ppb)	EDB (ppb)
MW-3	08/25/00	ND[1]	1,920	ND[1]	ND[1]	ND[1]	ND[1]	ND[1]

EXPLANATIONS:

TBA = Tertiary butyl alcohol

MTBE = Methyl tertiary butyl ether

DIPE = Di-isopropyl ether

ETBE = Ethyl tertiary butyl ether

TAME = Tertiary amyl methyl ether

1,2-DCA = 1,2-Dichloroethane

EDB = 1,2-Dibromoethane

(ppb) = Parts per billion

ND = Not Detected

[1] Dectection limit raised. Refer to analytical reports.

ANALYTICAL METHOD:

EPA Method 8260 for Oxygenate Compounds

STANDARD OPERATING PROCEDURE - GROUNDWATER SAMPLING

Gettler-Ryan Inc. field personnel adhere to the following procedures for the collection and handling of groundwater samples prior to analysis by the analytical laboratory. Prior to sample collection, the type of analysis to be performed is determined. Loss prevention of volatile compounds is controlled and sample preservation for subsequent analysis is maintained.

Prior to sampling, the presence or absence of free-phase hydrocarbons is determined using an interface probe. Product thickness, if present, is measured to the nearest 0.01 foot and is noted in the field notes. In addition, static water level measurements are collected with the interface probe and are also recorded in the field notes.

After water levels are collected and prior to sampling, temperature, pH and electrical conductivity are measured. If purging is to occur, each well is purged a minimum of three well casing volumes of water using pre-cleaned pumps (stack, suction, Grundfos), or polyvinyl chloride bailers. The measurements are taken a minimum of three times during the purging. Purging continues until these parameters stabilize.

Groundwater samples are collected using disposable bailers. The water samples are transferred from the bailer into appropriate containers. Pre-preserved containers, supplied by analytical laboratories, are used when possible. When pre-preserved containers are not available, the laboratory is instructed to preserve the sample as appropriate. Duplicate samples are collected for the laboratory to use in maintaining quality assurance/quality control standards. The samples are labeled to include the job number, sample identification, collection date and time, analysis, preservation (if any), and the sample collector's initials. The water samples are placed in a cooler, maintained at 4°C for transport to the laboratory. Once collected in the field, all samples are maintained under chain of custody until delivered to the laboratory.

The chain of custody document includes the job number, type of preservation, if any, analysis requested, sample identification, date and time collected, and the sample collector's name. The chain of custody is signed and dated (including time of transfer) by each person who receives or surrenders the samples, beginning with the field personnel and ending with the laboratory personnel.

A laboratory supplied trip blank accompanies each sampling set. For sampling sets greater than 20 samples, 5% trip blanks are included. The trip blank is analyzed for some or all of the same compounds as the groundwater samples.

As requested by Phillips 66 Company, the purge water and decontamination water generated during sampling activities is transported to Phillips 66 - San Francisco Refinery, located in Rodeo, California.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/ Facility # ~~76~~ 76080 #7004 Job#: 180106

Address: 15599 Hesperian BLVD Date: 1-28-02

City: San Leandro Sampler: FB

Well ID MW-1 Well Condition: ~~clo~~ OK

Well Diameter 2 in. Hydrocarbon Thickness: 0 in. Amount Bailed (product/water): 0 (gal.)

Total Depth 23.87 ft.

Depth to Water 12.89 ft.

Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66	6" = 1.50	12" = 5.80

10.98 X VF 0.17 = 1.86 X 3 (case volume) = Estimated Purge Volume: 5.5 (gal.)

Purge Equipment: (Disposable Bailer) Bailer, Stack, Suction, Grundfos, Other: _____

Sampling Equipment: (Disposable Bailer) Bailer, Pressure Bailer, Grab Sample, Other: _____

Starting Time: 1021 Weather Conditions: cloudy

Sampling Time: 1040 Water Color: clear Odor: NO

Purging Flow Rate: — gpm. Sediment Description: _____

Did well de-water? NO If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm	Temperature °C	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
1025	2	7.16	632	17.3			
1029	4	7.10	628	17.4			
1032	5.5	7.08	627	17.4			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-1	3 x VOA VIAL	Y	HCL	Seq	TPHG/BTEX/MTBE

COMMENTS: _____

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/ Facility # Tosco #7004 Job#: 180106

Address: 15599 Hesperian Blvd Date: 1-28-02

City: San Leandro Sampler: FB

Well ID MW2 Well Condition: OK

Well Diameter 2 in. Hydrocarbon Thickness: 0 in. Amount Bailed (product/water): 0 (gal.)

Total Depth 24.06 ft.

Depth to Water 13.51 ft.

Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66	6" = 1.50	12" = 5.80

10.55 X VF .17 = 1.79 X 3 (case volume) = Estimated Purge Volume: 5.5 (gal.)

Purge Equipment: (Disposable Bailer) / Bailer / Stack / Suction / Grundfos / Other:

Sampling Equipment: (Disposable Bailer) / Bailer / Pressure Bailer / Grab Sample / Other:

Starting Time: 1046 Weather Conditions: Cloudy

Sampling Time: 1059 Water Color: Clear Odor: NO

Purging Flow Rate: gpm. Sediment Description:

Did well de-water? NO If yes; Time: Volume: (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm	Temperature °C	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
1049	2	7.18	616	18.2			
1052	4	7.12	614	18.5			
1056	5.5	7.10	610	18.6			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-2	3 x VOA VIAL	Y	HCL	Sog	TPHG/BTEX/MTBE

COMMENTS:

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/ Facility # TOSCO #7004 Job#: 180106

Address: 15599 HESPERIAN BLVD Date: 1-28-02

City: SAN LEANDRO Sampler: FB

Well ID MW3 Well Condition: OK

Well Diameter 2 in. Hydrocarbon Thickness: ____ in. Amount Bailed (product/water): ____ (gal.)

Total Depth 24.38 ft.

Depth to Water 13.41 ft.

Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66	6" = 1.50	12" = 5.80

10.97 X VF .17 = 1.86 X 3 (case volume) = Estimated Purge Volume: 5.5 (gal.)

Purge Equipment: (Disposable Bailer) Bailer, Stack, Suction, Grundfos, Other: ____

Sampling Equipment: (Disposable Bailer) Bailer, Pressure Bailer, Grab Sample, Other: ____

Starting Time: ~~1424~~ 1424 Weather Conditions: CLOUDY

Sampling Time: 1445 Water Color: CLOUDY Odor: YES

Purging Flow Rate: ~ gpm. Sediment Description: ____

Did well de-water? NO If yes; Time: ____ Volume: ____ (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm	Temperature °C	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
1428	2	7.16	623	18.0			
1432	4	7.12	614	18.2			
1436	5.6	7.10	601	18.4			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW3	3 x VOA VIAL	Y	HCL	Seq	TPHG/BTEX/MTBE

COMMENTS: ____

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/ Facility #: Tosco #7004 | Job#: 180106

Address: 15599 Hesperian BLVD | Date: 1-28-02

City: SAN LEANDRO | Sampler: FB

Well ID: MW-4 | Well Condition: OK

Well Diameter: 2 in. | Hydrocarbon Thickness: ϕ in. | Amount Bailed (product/water): ϕ (gal.)

Total Depth: 25.34 ft.

Depth to Water: 12.17 ft.

Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66	6" = 1.50	12" = 5.80

13.17 X VF 1.17 = 2.23 X 3 (case volume) = Estimated Purge Volume: 6.5 (gal.)

Purge Equipment: (Disposable Bailer) Bailer, Stack, Suction, Grundfos, Other:

Sampling Equipment: (Disposable Bailer) Bailer, Pressure Bailer, Grab Sample, Other:

Starting Time: 1202 | Weather Conditions: Cloudy

Sampling Time: 1224 | Water Color: Clear | Odor: NO

Purging Flow Rate: — gpm. | Sediment Description:

Did well de-water? NO | If yes; Time: — | Volume: — (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm	Temperature °C	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
1206	2	7.29	638	17.9			
1210	4	7.27	634	18.0			
1215	6.5	7.21	634	18.0			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-4	3 x VOA VIAL	Y	HCL	Seq	TPHG/BTEX/MTBE

COMMENTS:

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/ Facility # Tosco # 7004 Job#: 180106

Address: 15599 Hesperian Blvd Date: 1-28-02

City: San Leandro Sampler: FB

Well ID MW-5 Well Condition: OK

Well Diameter 2 in. Hydrocarbon Thickness: 0 in. Amount Bailed (product/water): 0 (gal.)

Total Depth 25.80 ft.

Depth to Water 13.59 ft.

Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66	6" = 1.50	12" = 5.80

12.21 x VF .17 = 2.07 x 3 (case volume) = Estimated Purge Volume: 6 (gal.)

Purge Equipment: (Disposable Bailer) Bailer, Stack, Suction, Grundfos, Other:

Sampling Equipment: (Disposable Bailer) Bailer, Pressure Bailer, Grab Sample, Other:

Starting Time: 1239

Sampling Time: 1300

Purging Flow Rate: ~~gpm.~~

Did well de-water? NO

Weather Conditions: Cloudy

Water Color: clear Odor: NO

Sediment Description:

If yes; Time: Volume: (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm	Temperature °C	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
1243	2	7.36	639	17.9			
1247	4	7.35	631	18.0			
1251	6	7.28	629	18.2			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-5	3 x VOA VIAL	Y	HCl	Seq	TPHG/BTEX/MTBE

COMMENTS:

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/ Facility # Tosco #7004 Job#: 180106

Address: 15599 Hesperian BLVD Date: 1-28-02

City: San Leandro Sampler: FB

Well ID MW-6 Well Condition: OK

Well Diameter 2 in. Hydrocarbon Thickness: 0 in. Amount Bailed (product/water): 0 (gal.)

Total Depth 25.31 ft.

Depth to Water 13.80 ft.

Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66	6" = 1.50	12" = 5.80

11.51 X VF .17 = 1.95 X 3 (case volume) = Estimated Purge Volume: 6 (gal.)

Purge Equipment: (Disposable Bailer) Bailer, Stack, Suction, Grundfos, Other: _____

Sampling Equipment: (Disposable Bailer) Bailer, Pressure Bailer, Grab Sample, Other: _____

Starting Time: 1124 Weather Conditions: cloudy

Sampling Time: 1145 Water Color: clear Odor: NO

Purging Flow Rate: _____ gpm. Sediment Description: _____

Did well de-water? NO If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm	Temperature °C	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
1128	2	7.20	665	18.0			
1132	4	7.15	663	18.6			
1136	6	7.14	661	18.6			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-6	3 x VOA VIAL	Y	HCL	Seq	TPHG/BTEX/MTBE

COMMENTS: _____

WELL MONITORING/SAMPLING
FIELD DATA SHEET

ient/ acility # Tosco #7004 Job#: 180106
ddress: 15599 Hesperian BLVD Date: 1-28-02
ity: San Leandro Sampler: FB

Well ID RW-1 Well Condition: OK
Well Diameter 6 in. Hydrocarbon Thickness: 0 in. Amount Bailed (product/water): 0 (gal.)
Total Depth 24.61 ft.
Depth to Water 13.21 ft.

Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66	6" = 1.50	12" = 5.80

11.40 x VF 1.50 = 17.1 X 3 (case volume) = Estimated Purge Volume: 51 (gal.)

Purge Equipment: Disposable Bailer / Bailer / Stack / Suction / Grundfos / Other:

Sampling Equipment: Disposable Bailer / Bailer / Pressure Bailer / Grab Sample / Other:

Starting Time: 1323
Sampling Time: 1359
Purging Flow Rate: 2 gpm
Did well de-water? NO

Weather Conditions: Cloudy
Water Color: clear Odor: NO
Sediment Description:
If yes; Time: Volume: (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm	Temperature °C	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
		7.22	618	17.7			
1331	17	7.24	612	17.8			
1339	34	7.21	610	17.8			
1348	51						

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
RW-1	3 x VOA VIAL	Y	HCl	Seq	TPHG/BTEX/MTBE

COMMENTS:

GLOBAL ID# T0600101451

Chain-of-Custody-Record

TOSCO

Facility Number: Tosco # 7004
Facility Address: 15599 Hesperian Blvd., San Leandro, CA
Consultant Project Number: 180106
Consultant Name: Gettler-Ryan Inc. (G-R Inc.)
Address: 6747 SIERRA COURT, SUITE J, DUBLIN, CA 94568
Project Contact (Name): Deanna L. Harding
(Phone): (925) 551-7555 (Fax Number): 925-551-7899

Contact (Name): MR. Dave DeWitt
(Phone): 925-277-2384
Laboratory Name: Sequoia Analytical
Laboratory Release Number:
Samples Collected by (Name): Frank H Bowles
Collection Date: 1-28-02
Signature: Frank H Bowles W2014424

Sample Number	Lab Sample Number	Number of Containers	Matrix W = Water S = Soil A = Air C = Charcoal	Type G = Grab C = Composite D = Discrete	Time	Sample Preservation	Iced (Yes or No)	Analyses To Be Performed: TPH Gas + BTEX (8015)	TPH Diesel (8015)	Oil and Grease (5520)	Purgeable Halocarbons (8010)	Purgeable Aromatics (8020)	Purgeable Organics (8240)	Extractable Organics (8270)	Metals Cd,Cr,Pb,Zn,Ni (ICAP or AA)						DO NOT BILL TB-LB ANALYSIS: Remarks
TB-LB	01A	1	W	G	—	HCl	Y	X													
MW-1	02A-C	3			1040			X													
MW-2	03 "	3			1059			X													
MW-3	04 "	3			1445			X													
MW-4	05 "	3			1224			X													
MW-5	06 "	3			1300			X													
MW-6	07 "	3			1145			X													
RW-1	08 "	3	V	V	1359	V	V	X													

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
Frank H Bowles	G-R Inc.	1/28/02 1545	[illegible]	GR-Inc.	1/28/02 1545
[illegible]	G-R Inc.	1/28/02	Received By (Signature)	Organization	Date/Time
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature)		Date/Time
			Michael Crowley		1/28/02 1800

Turn Around Time (Circle Choice)
24 Hrs.
48 Hrs.
5 Days
10 Days
As Contracted

SEQUOIA ANALYTICAL

02/10/02 21:30 9673 988 925 02/02 NO:455

Sequoia
Analytical

404 N. Wiget Lane
Walnut Creek, CA 94598
(925) 988-9600
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11 February, 2002

Deanna L. Harding
Gettler Ryan, Inc. - Dublin
6747 Sierra Court Suite J
Dublin, CA 94568

RE: Tosco
Sequoia Report: W201424

Enclosed are the results of analyses for samples received by the laboratory on 28-Jan-02 18:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Charlie Westwater
Project Manager

CA ELAP Certificate #1271

Sequoia Analytical

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Gettler Ryan, Inc. - Dublin	Project: Tosco	
6747 Sierra Court Suite J	Project Number: Tosco # 7004	**Reported:**
Dublin CA, 94568	Project Manager: Deanna L. Harding	11-Feb-02 08:01

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
TB-LB	W201424-01	Water	28-Jan-02 00:00	28-Jan-02 18:00
MW-1	W201424-02	Water	28-Jan-02 10:40	28-Jan-02 18:00
MW-2	W201424-03	Water	28-Jan-02 10:59	28-Jan-02 18:00
MW-3	W201424-04	Water	28-Jan-02 14:45	28-Jan-02 18:00
MW-4	W201424-05	Water	28-Jan-02 12:24	28-Jan-02 18:00
MW-5	W201424-06	Water	28-Jan-02 13:00	28-Jan-02 18:00
MW-6	W201424-07	Water	28-Jan-02 11:45	28-Jan-02 18:00
RW-1	W201424-08	Water	28-Jan-02 13:59	28-Jan-02 18:00

Sequoia Analytical - Walnut Creek

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Charlie Westwater, Project Manager

Sequoia Analytical

404 N. Wiget Lane
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www.sequoialabs.com

Gettler Ryan, Inc. - Dublin	Project: Tosco	
6747 Sierra Court Suite J	Project Number: Tosco # 7004	**Reported:**
Dublin CA, 94568	Project Manager: Deanna L. Harding	11-Feb-02 08:01

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TB-LB (W201424-01) Water Sampled: 28-Jan-02 00:00 Received: 28-Jan-02 18:00									
Purgeable Hydrocarbons (C6-C12)	ND	50	ug/l	1	2A30002	30-Jan-02	30-Jan-02	EPA 8015M/8021	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether (MTBE)	ND	2.5	"	"	"	"	"	"	Q-28
Surrogate: a,a,a-Trifluorotoluene		*102 %*	*70-130*		"	"	"	"	
MW-1 (W201424-02) Water Sampled: 28-Jan-02 10:40 Received: 28-Jan-02 18:00									
Purgeable Hydrocarbons (C6-C12)	ND	50	ug/l	1	2A30002	31-Jan-02	31-Jan-02	EPA 8015M/8021	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether (MTBE)	ND	2.5	"	"	"	"	"	"	Q-28a
Surrogate: a,a,a-Trifluorotoluene		*102 %*	*70-130*		"	"	"	"	
MW-2 (W201424-03) Water Sampled: 28-Jan-02 10:59 Received: 28-Jan-02 18:00									
Purgeable Hydrocarbons (C6-C12)	ND	50	ug/l	1	2A30002	31-Jan-02	31-Jan-02	EPA 8015M/8021	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether (MTBE)	ND	2.5	"	"	"	"	"	"	Q-28a
Surrogate: a,a,a-Trifluorotoluene		*100 %*	*70-130*		"	"	"	"	

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Gettler Ryan, Inc. - Dublin	Project: Tosco	
6747 Sierra Court Suite J	Project Number: Tosco # 7004	**Reported:**
Dublin CA, 94568	Project Manager: Deanna L. Harding	11-Feb-02 08:01

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-3 (W201424-04) Water Sampled: 28-Jan-02 14:45 Received: 28-Jan-02 18:00									
Purgeable Hydrocarbons (C6-C12)	**82**	50	ug/l	1	2A30002	31-Jan-02	31-Jan-02	EPA 8015M/8021	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	**10**	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether (MTBE)	ND	2.5	"	"	"	"	"	"	Q-28a
Surrogate: a,a,a-Trifluorotoluene		*96 %*	*70-130*		"	"	"	"	
MW-4 (W201424-05) Water Sampled: 28-Jan-02 12:24 Received: 28-Jan-02 18:00									
Purgeable Hydrocarbons (C6-C12)	ND	50	ug/l	1	2A30002	31-Jan-02	31-Jan-02	EPA 8015M/8021	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether (MTBE)	**13**	2.5	"	"	"	"	"	"	Q-28b,QR-04
Surrogate: a,a,a-Trifluorotoluene		*109 %*	*70-130*		"	"	"	"	
MW-5 (W201424-06) Water Sampled: 28-Jan-02 13:00 Received: 28-Jan-02 18:00									
Purgeable Hydrocarbons (C6-C12)	ND	50	ug/l	1	2A30002	31-Jan-02	31-Jan-02	EPA 8015M/8021	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether (MTBE)	**97**	2.5	"	"	"	"	"	"	Q-28a
Surrogate: a,a,a-Trifluorotoluene		*105 %*	*70-130*		"	"	"	"	

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Gettler Ryan, Inc. - Dublin	Project: Tosco	
6747 Sierra Court Suite J	Project Number: Tosco # 7004	**Reported:**
Dublin CA, 94568	Project Manager: Deanna L. Harding	11-Feb-02 08:01

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-6 (W201424-07) Water Sampled: 28-Jan-02 11:45 Received: 28-Jan-02 18:00									
Purgeable Hydrocarbons (C6-C12)	ND	50	ug/l	1	2A30002	31-Jan-02	31-Jan-02	EPA 8015M/8021	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether (MTBE)	ND	2.5	"	"	"	"	"	"	Q-28a
Surrogate: a,a,a-Trifluorotoluene		*100 %*	*70-130*		"	"	"	"	
RW-1 (W201424-08) Water Sampled: 28-Jan-02 13:59 Received: 28-Jan-02 18:00									
Purgeable Hydrocarbons (C6-C12)	**72**	50	ug/l	1	2A30002	31-Jan-02	31-Jan-02	EPA 8015M/8021	HC-12
Benzene	**0.98**	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether (MTBE)	**460**	2.5	"	"	"	"	"	"	Q-28a
Surrogate: a,a,a-Trifluorotoluene		*107 %*	*70-130*		"	"	"	"	

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Gettler Ryan, Inc. - Dublin	Project: Tosco	
6747 Sierra Court Suite J	Project Number: Tosco # 7004	**Reported:**
Dublin CA, 94568	Project Manager: Deanna L. Harding	11-Feb-02 08:01

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT - Quality Control

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2A30002 - EPA 5030B P/T										
Blank (2A30002-BLK1)				Prepared & Analyzed: 30-Jan-02						
Purgeable Hydrocarbons (C6-C12)	ND	50	ug/l							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Methyl tert-butyl ether (MTBE)	ND	2.5	"							
Surrogate: a,a,a-Trifluorotoluene	*33.6*		"	*30.0*		*112*	*70-130*			
Blank (2A30002-BLK2)				Prepared & Analyzed: 31-Jan-02						
Purgeable Hydrocarbons (C6-C12)	ND	50	ug/l							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Methyl tert-butyl ether (MTBE)	ND	2.5	"							
Surrogate: a,a,a-Trifluorotoluene	*32.3*		"	*30.0*		*108*	*70-130*			
LCS (2A30002-BS1)				Prepared & Analyzed: 30-Jan-02						
Benzene	18.6	0.50	ug/l	20.0		93	70-130			
Toluene	19.3	0.50	"	20.0		96	70-130			
Ethylbenzene	20.3	0.50	"	20.0		102	70-130			
Xylenes (total)	60.4	0.50	"	60.0		101	70-130			
Surrogate: a,a,a-Trifluorotoluene	*29.6*		"	*30.0*		*99*	*70-130*			
LCS (2A30002-BS2)				Prepared & Analyzed: 31-Jan-02						
Benzene	19.2	0.50	ug/l	20.0		96	70-130			
Toluene	20.0	0.50	"	20.0		100	70-130			
Ethylbenzene	20.7	0.50	"	20.0		104	70-130			
Xylenes (total)	61.6	0.50	"	60.0		103	70-130			
Surrogate: a,a,a-Trifluorotoluene	*31.5*		"	*30.0*		*105*	*70-130*			

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Gettler Ryan, Inc. - Dublin	Project: Tosco	
6747 Sierra Court Suite J	Project Number: Tosco # 7004	**Reported:**
Dublin CA, 94568	Project Manager: Deanna L. Harding	11-Feb-02 08:01

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT - Quality Control

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2A30002 - EPA 5030B P/T										
Matrix Spike (2A30002-MS1)		**Source: W201424-07**		Prepared & Analyzed: 05-Feb-02						
Benzene	18.6	0.50	ug/l	20.0	ND	93	70-130			
Toluene	18.9	0.50	"	20.0	ND	94	70-130			
Ethylbenzene	19.1	0.50	"	20.0	ND	96	70-130			
Xylenes (total)	60.0	0.50	"	60.0	ND	100	70-130			
Surrogate: a,a,a-Trifluorotoluene	*30.4*		"	*30.0*		*101*	*70-130*			
Matrix Spike Dup (2A30002-MSD1)		**Source: W201424-07**		Prepared: 05-Feb-02 Analyzed: 06-Feb-02						
Benzene	18.9	0.50	ug/l	20.0	ND	94	70-130	2	20	
Toluene	19.0	0.50	"	20.0	ND	95	70-130	0.5	20	
Ethylbenzene	20.2	0.50	"	20.0	ND	101	70-130	6	20	
Xylenes (total)	59.3	0.50	"	60.0	ND	99	70-130	1	20	
Surrogate: a,a,a-Trifluorotoluene	*31.7*		"	*30.0*		*106*	*70-130*			

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Gettler Ryan, Inc. - Dublin	Project: Tosco	
6747 Sierra Court Suite J	Project Number: Tosco # 7004	**Reported:**
Dublin CA, 94568	Project Manager: Deanna L. Harding	11-Feb-02 08:01

Notes and Definitions

HC-12	Hydrocarbon pattern is present in the requested fuel quantitation range but does not resemble the pattern of the requested fuel.
Q-28	The opening calibration verification standard was outside acceptance criteria by -2.5%. Although the Laboratory Control Sample verified the accuracy of the batch, this should be considered in evaluating the data for its intended purpose.
Q-28a	The opening calibration verification standard was outside acceptance criteria by -6%. Although the Laboratory Control Sample verified the accuracy of the batch, this should be considered in evaluating the data for its intended purpose.
Q-28b	The opening calibration verification standard was outside acceptance criteria by 29%. Although the Laboratory Control Sample verified the accuracy of the batch, this should be considered in evaluating the data for its intended purpose.
QR-04	Primary and confirmation results varied by greater than 40% RPD. The results may still be useful for their intended purpose.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference