GETTLER-RYAN INC.

TRANSMITTAL

September 29, 2005
G-R #386414

TO: Mr. Mark Inglis
ChevronTexaco Company
P.O. Box 6012, Room K2256
San Ramon, California 94583

CC: Mr. Ian Robb
Cambria Environmental, Inc.
5900 Hollis Street, Suite A
Emeryville, California 94608

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

RE: Former Chevron Bulk Plant #206459
Highway 139 at Main Street
Tulelake, California

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
1	September 29, 2005	Groundwater Monitoring and Sampling Report Third Quarter - Event of August 22, 2005

COMMENTS:

This report is being sent for your review. Please provide any comments/changes and propose any groundwater monitoring modifications for the next event prior to ***October 13, 2005***, at which time the final report will be distributed to the following:

cc: Ms. Susan Warner, RWQCB - North Coast Region, 5550 Skylane Boulevard, Suite A, Santa Rosa, CA 95403
Mr. Joel Strafleda, Union Pacific Railroad, Safety Mail Stop 1030 UP CENTER, Omaha, NE 68179
Mr. David Staub, Staub Petroleum Products, P.O. Box 506, Tulelake, CA 96134

Enclosures

trans/20-6459-MI

GETTLER-RYAN INC.

September 29, 2005
G-R Job #386414

Mr. Mark Inglis
ChevronTexaco Company
P.O. Box 6012, Room K2256
San Ramon, CA 94583

RE: Third Quarter Event of August 22, 2005
Groundwater Monitoring & Sampling Report
Former Chevron Bulk Plant #206459
Highway 139 at Main Street
Tulelake, California

Dear Mr. Inglis:

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

Static groundwater levels were measured and the wells were checked for the presence of separate-phase hydrocarbons. Static water level data, groundwater elevations, and separate-phase hydrocarbon thickness (if any) are presented in the attached Table 1. A Potentiometric Map is included as Figure 1.

Groundwater samples were collected from the monitoring wells and submitted to a state certified laboratory for analyses. The field data sheets for this event are attached. Analytical results are presented in the table(s) listed below. Isoconcentration Maps are included as Figures 2 and 3. The chain of custody document and laboratory analytical report are also attached.

Please call if you have any questions or comments regarding this report. Thank you.

Sincerely,

Anamarie Vercau
– For –
Deanna L. Harding
Project Coordinator

Hagop Kevork
P.E. No. C55734

REGISTERED PROFESSIONAL ENGINEER
HAGOP KEVORK
No. C 55734
Exp. 12/31/06
CIVIL
STATE OF CALIFORNIA

Figure 1:	Potentiometric Map
Figure 2:	TPH-G Isoconcentration Map
Figure 3:	Benzene Isoconcentration Map
Table 1:	Groundwater Monitoring Data and Analytical Results
Table 2:	Groundwater Analytical Results - Oxygenate Compounds
Table 3:	Field Measurements and Analytical Results
Table 4:	Groundwater Analytical Results
Attachments:	Standard Operating Procedure - Groundwater Sampling
	Field Data Sheets
	Chain of Custody Document and Laboratory Analytical Reports

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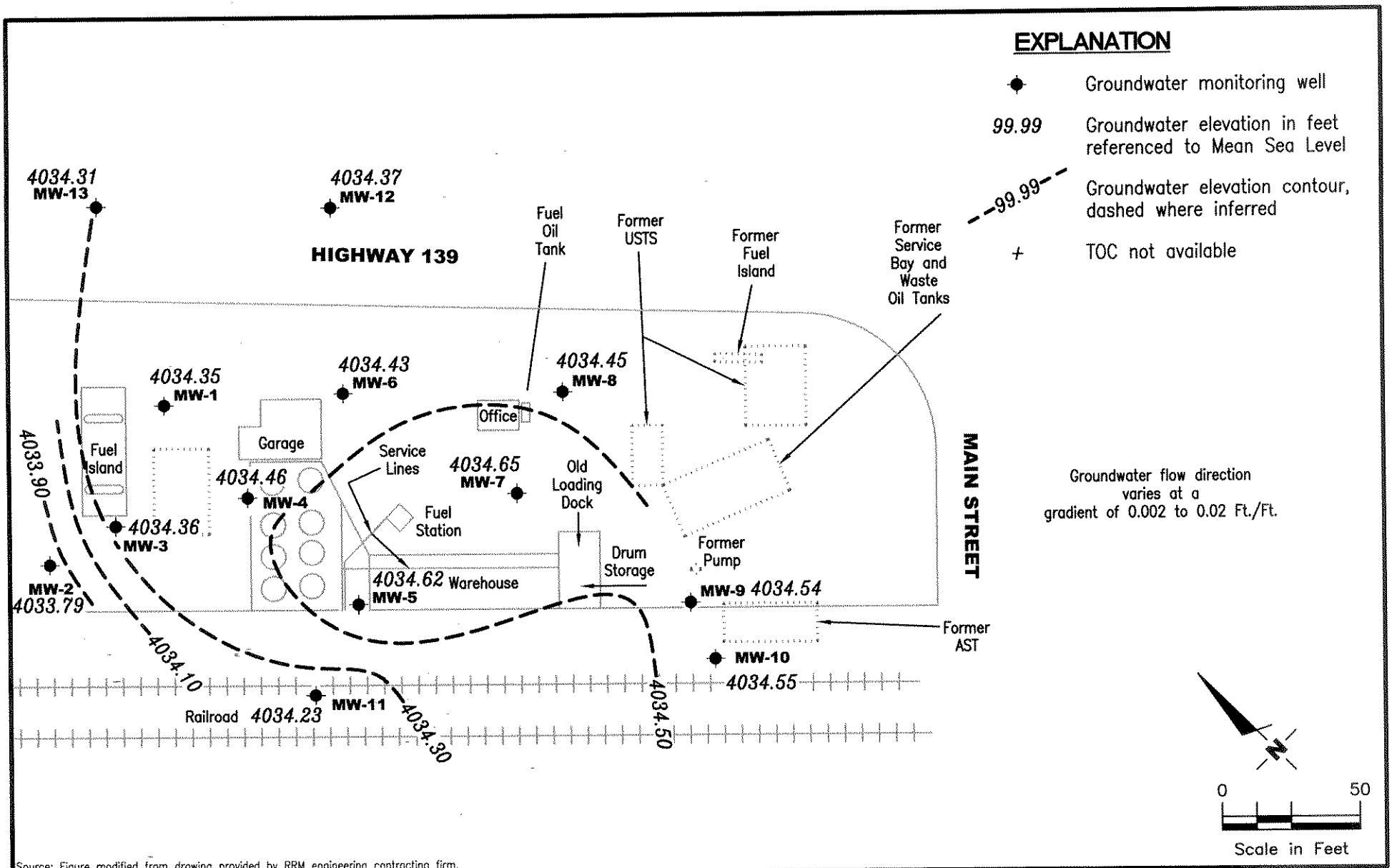

Source: Figure modified from drawing provided by RRM engineering contracting firm.

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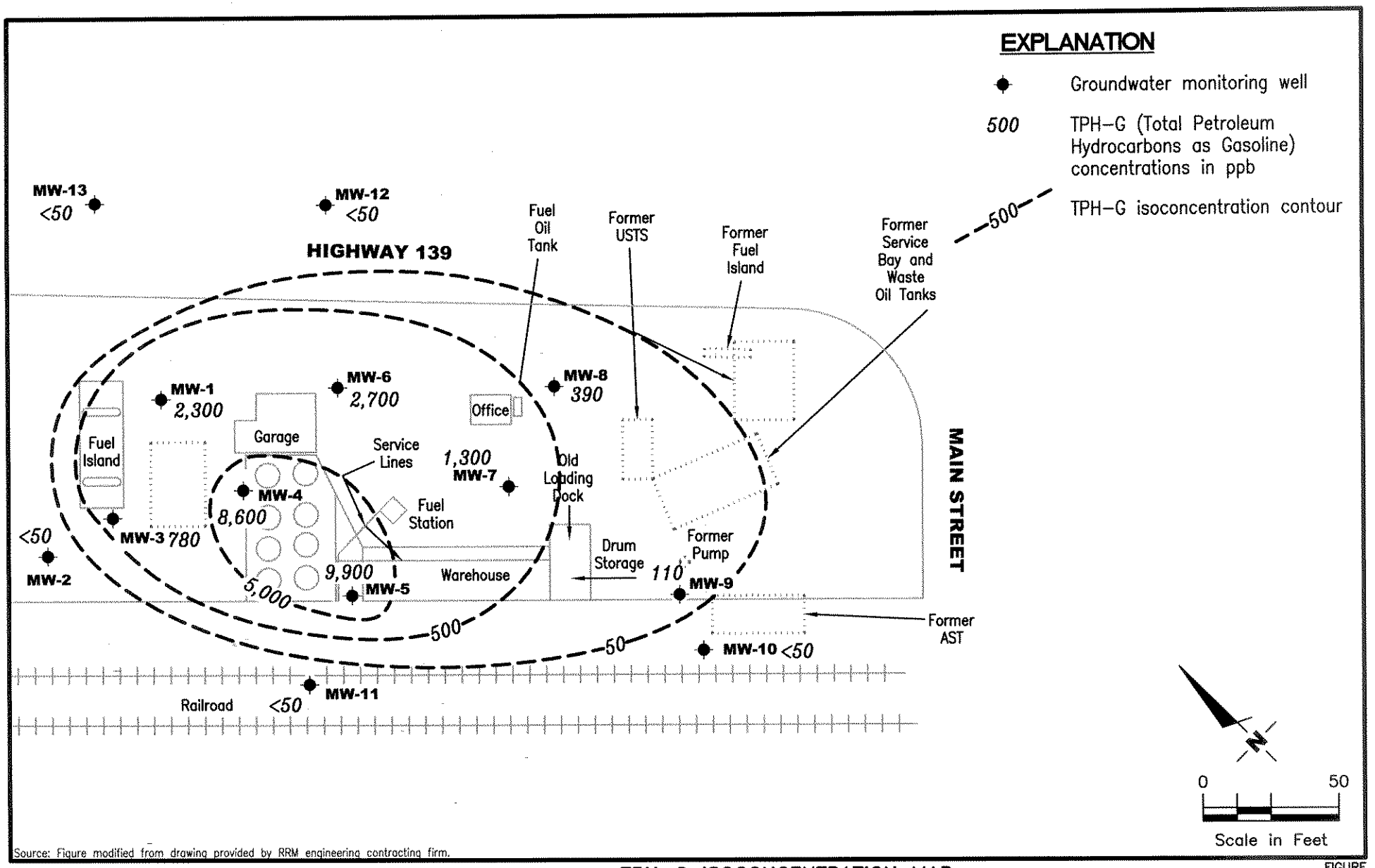
POTENTIOMETRIC MAP
Former Chevron Bulk Plant #206459
Highway 139 at Main Street
Tulelake, California

FIGURE 1

PROJECT NUMBER	REVIEWED BY	DATE	REVISED DATE
386414		August 22, 2005	

FILE NAME: P:\Enviro\Chevron\206459\Q05-206459.dwg | Layout Tab: Pot3



Source: Figure modified from drawing provided by RRM engineering contracting firm.

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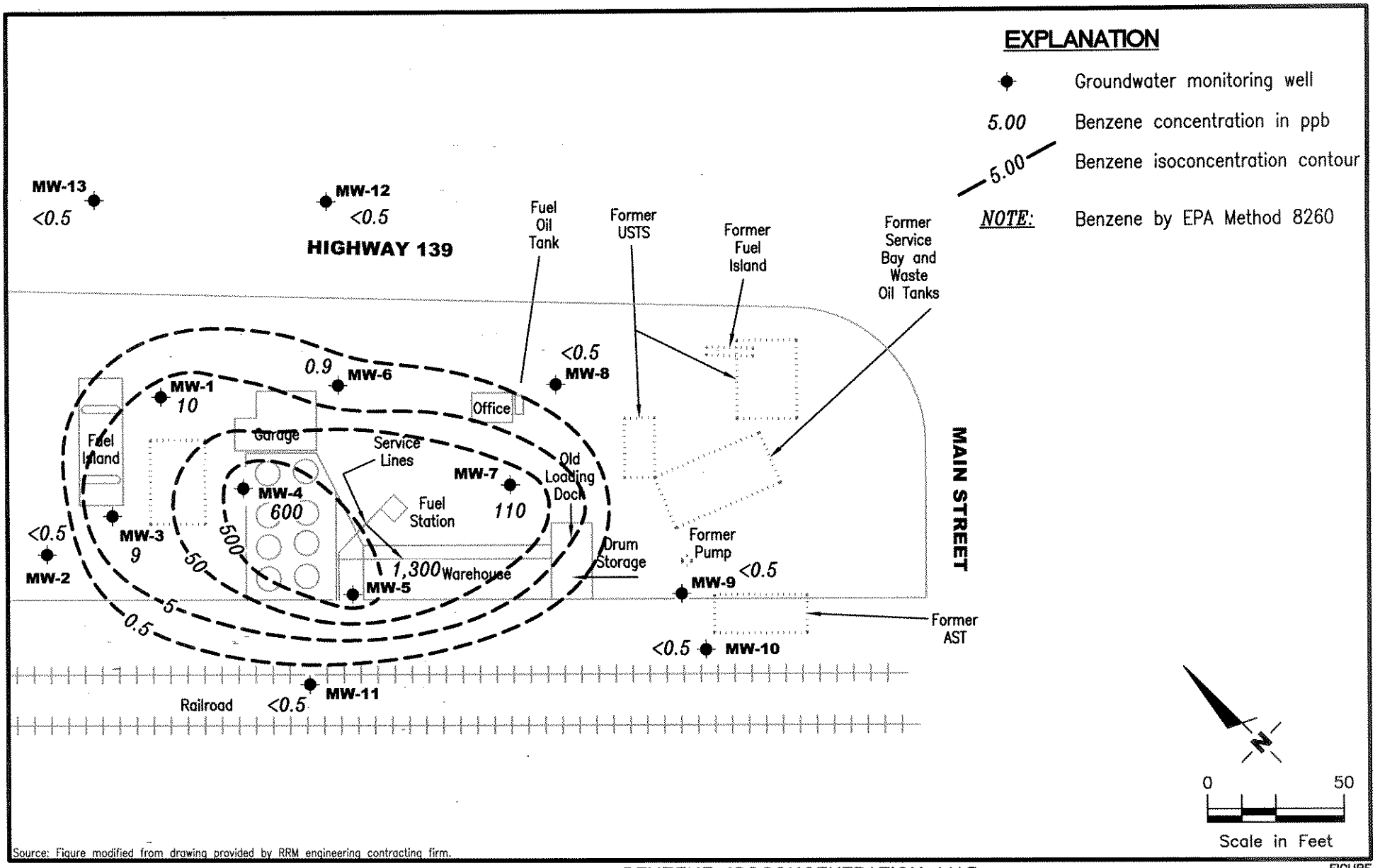
TPH-G ISOCONCENTRATION MAP
Former Chevron Bulk Plant #206459
Highway 139 at Main Street
Tulelake, California

FIGURE
2

PROJECT NUMBER	REVIEWED BY	DATE	REVISED DATE
386414		August 22, 2005	

FILE NAME: P:\Enviro\Chevron\206459\Q05-206459.dwg | Layout Tab: Tphg3



Source: Figure modified from drawing provided by RRM engineering contracting firm.

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BENZENE ISOCONCENTRATION MAP
Former Chevron Bulk Plant #206459
Highway 139 at Main Street
Tulelake, California

FIGURE 3

PROJECT NUMBER	REVIEWED BY	DATE	REVISED DATE
386414		August 22, 2005	

FILE NAME: P:\Enviro\Chevron\206459\Q05-206459.dwg | Layout Tab: Benz3

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Bulk Plant #206459
Highway 139 at Main Street
Tulelake, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-D (ppb)	♦TPH-D/♦♦TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-1											
04/08/93	100.83	97.05	3.78	2,400	--/--	7,500	270	<50	<100	<50	--
04/26/94	100.83	95.38	5.45	--	--/--	--	--	--	--	--	--
06/14/94	100.83	96.29	4.54	--	--/--	--	--	--	--	--	--
03/19/97	100.83	95.97	4.86	5,900[1]	--/--	4,300	110	15	7.1	12	51
06/18/97	100.83	96.10	4.73	2,100[1]	--/--	2,500	46	<2.5	<2.5	3.8	35/33[7]
09/03/97	100.83	96.32	4.51	2,400[4]	[4]990/950[4]	1,700[3]	27	<5.0	<5.0	<5.0	54
11/12/97	100.83	96.06	4.77	5,500[4]	[4]2,800/1,800[4]	2,900	48	<5.0	<5.0	<5.0	31
02/16/98	100.83	97.25	3.58	2,100[4]	[4]1,100/660[4]	3,300[3]	30	<2.5	3.2	11	40
05/19/98	100.83	97.53	3.30	--	[1]1,200/960[1]	1,500	51	<5.0	<5.0	<5.0	44
08/10/98	100.83	97.05	3.78	1,800[2]	[2]910/670[2]	1,200	29	1.9	<1.0	<1.0	49
11/04/98	100.83	96.45	4.38	-	[1]2,200/1,400[1]	2,000	23	<2.5	<2.5	<2.5	36
03/16/99	100.83	97.67	3.16	--	[2]700/420[4]	1,900	31	6.2	<5.0	<5.0	<25
05/18/99	100.83	96.93	3.90	3,400[1]	[8]2,720/1,480[1]	3,340	43.1	<1.0	1.6	<1.0	42.4/28.2[5,6,7]
09/15/99	100.83	96.46	4.37	--	1,390/--	1,950	23.9	1.36	4.32	14.5	38
11/30/99	100.83	96.47	4.36	--	4,320/--	4,400	30.2	8.6	8.6	25	<25
06/15-16/00	100.83	96.88	3.95	2,340[15]	[16]817/703[15]	2,200[11]	<5.0	<5.0	<5.0	11	65
09/11-12/00	100.83	96.98	3.85	2,060[20]	[22]1,180/655[22]	988[18]	6.99	3.21	1.16	1.91	19.3
11/15-16/00	100.83	96.23	4.60	--[29]	[26]2,700/1,600[26]	4,200[13]	31	13	<10	<10	56
02/13-14/01	100.83	94.37	6.46	2,200[26]	[26]1,600/1,200[26]	2,100[13]	15	<10	<10	<10	94
05/16/01	100.83	95.66	5.17	1,700[26]	--/--	2,200[13]	42	<10	<10	<10	<50
08/15/01	100.83	95.91	4.92	2,000	--/--	2,000	36	7.1	<5.0	<5.0	57
11/07/01	100.83	95.02	5.81	6,900	--/--	3,000	23	1.6	1.9	<5.0	29
02/14/02	100.83	96.08	4.75	4,900	--/--	3,300	30	2.1	2.8	3.5	31
05/22-23/02	100.83	96.69	4.14	2,600	--/--	1,500	6.5	1.6	0.97	<1.5	20
08/28/02	100.83	96.69	4.14	10,000	--/--	2,200	6.9	2.2	1.1	<1.5	14
11/26-27/02	100.83	97.05	3.78	3,200	--/--	3,000	16	1.2	1.5	<5.0	26
02/26-27/03	100.83	96.85	3.98	4,000	--/--	2,000	9.5	1.4	1.2	<5.0	21
05/09/03	100.83	97.04	3.79	1,800	--/--	1,800	6.2	1.7	1	<1.5	20
08/27/03[37]	100.83	96.47	4.36	22,000	--/--	2,700	6	2	0.7	0.7	66
11/11-12/03[37]	100.83	96.03	4.80	14,000	--/--	3,300	22	2	1	1	46
02/11/04[37]	100.83	96.68	4.15	3,900	--/--	1,600	13	1	1	1	61
05/10/04[37]	100.83	96.88	3.95	5,700	--/--	1,800	8	1	0.7	0.5	54
08/09/04[37]	--[40]	--[40]	3.84	5,000	--/--	2,000	7	2	0.7	0.6	36

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Bulk Plant #206459
Highway 139 at Main Street
Tulelake, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-D (ppb)	♦TPH-D/♦♦TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-1 (cont)											
11/29/04[37]	--[40]	--[40]	4.09	22,000	--/--	3,100	9	1	0.7	0.7	34
02/21/05[37]	--[40]	--[40]	4.28	2,600	--/--	2,800	12	2	0.8	0.8	34
05/23/05[37]	4,038.23	4,035.33	2.90	4,000	--/--	1,600	2	1	<0.5	<0.5	24
08/22/05[37]	**4,038.23**	**4,034.35**	**3.88**	**18,000**	--/--	**2,300**	**10**	**2**	**0.8**	**0.8**	**25**
MW-2											
04/08/93	100.21	97.16	3.05	<50	--/--	<50	<0.5	<0.5	<1.0	<0.5	--
04/26/94	100.21	95.33	4.88	--	--/--	--	--	--	--	--	--
06/14/94	100.21	96.01	4.20	--	--/--	--	--	--	--	--	--
03/19/97	100.21	95.81	4.40	290[2]	--/--	<50	<0.5	<0.5	<0.5	<0.5	5.0
06/18/97	100.21	96.50	3.71	360[2]	--/--	<50	<0.5	<0.5	<0.5	<0.5	2.7/3.8[7]
09/03/97	100.21	96.52	3.69	340[2]	<50/--	<50	<0.5	<0.5	<0.5	<0.5	4.5
11/12/97	100.21	96.99	3.22	310[2]	[2]74/--	<50	<0.5	<0.5	<0.5	<0.5	2.5
02/16/98	100.21	96.58	3.63	340[2]	[2]56/--	<50	<0.5	<0.5	<0.5	<0.5	6.4
05/19/98	100.21	96.16	4.05	--	<50/--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
08/10/98	100.21	95.88	4.33	200[2]	<50/--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
11/04/98	100.21	95.60	4.61	330[2]	[2]54/--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
03/16/99	100.21	96.06	4.15	--	<50/--	<50	<0.5	<0.5	<0.5	<0.5	120
05/18/99	100.21	95.47	4.74	150[2]	<50/--	<50	<0.5	<0.5	<0.5	<0.5	64.4/58.5[5,7]
09/15/99	100.21	95.54	4.67	--	<50/--	<50	<0.5	<0.5	<0.5	<0.5	43.2
11/30/99	100.21	94.95	5.26	--	<50/--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/15-16/00	100.21	96.91	3.30	423[16]	[16]114/59.0[16]	<50	<0.50	<0.50	<0.50	<0.50	<2.5
09/11-12/00	100.21	96.76	3.45	246[16]	[16]240/193[16]	<50.0	<0.500	<0.500	<0.500	<0.500	5.81
11/15-16/00	100.21	95.82	4.39	--[29]	<50/--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
02/13-14/01	100.21	95.51	4.70	130[30]	[30]52/--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
05/16/01	100.21	95.52	4.69	170[30]	--/--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
08/15/01	100.21	95.61	4.60	190[36]	--/--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
11/07/01	100.21	95.08	5.13	520	--/--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
02/14/02	100.21	95.87	4.34	360	--/--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
05/22-23/02	100.21	95.81	4.40	380	--/--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
08/28/02	100.21	96.24	3.97	330	--/--	<50[8]	<0.50	<0.50	<0.50	<1.5	<2.5
11/26-27/02	100.21	96.60	3.61	320	--/--	<50	<0.50	<0.50	<0.50	<1.5	<2.5

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Bulk Plant #206459
Highway 139 at Main Street
Tulelake, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-D (ppb)	♦TPH-D/♦♦TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-2 (cont)											
02/26-27/03	100.21	96.40	3.81	420	--/--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
05/09/03	100.21	96.59	3.62	420	--/--	<50	<0.5	<0.5	<0.5	<1.5	<2.5
08/27/03[37]	100.21	96.45	3.76	580	--/--	<50	<0.5	<0.5	<0.5	<0.5	5
11/11-12/03[37]	100.21	95.89	4.32	520	--/--	<50	<0.5	<0.5	<0.5	<0.5	1
02/11/04[37]	100.21	96.75	3.46	660	--/--	<50	<0.5	<0.5	<0.5	<0.5	1
05/10/04[37]	100.21	96.96	3.25	920	--/--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
08/09/04[37]	100.21	95.86	4.35	620	--/--	<50	<0.5	<0.5	<0.5	<0.5	3
11/29/04[37]	100.21	96.58	3.63	610	--/--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/21/05[37]	100.21	96.48	3.73	400	--/--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/23/05[37]	4,037.84	4,034.10	3.74	320	--/--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
08/22/05[37]	**4,037.84**	**4,033.79**	**4.05**	**500[41]**	**--/--**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**
MW-3											
04/08/93	100.58	97.16	3.42	530	--/--	590	0.8	<2.0	<8.0	<4.0	--
04/26/94	100.58	95.35	5.23	--	--/--	--	--	--	--	--	--
06/14/94	100.58	96.20	4.38	--	--/--	--	--	--	--	--	--
03/19/97	100.58	96.40	4.18	4,000[1]	--/--	560	44	<2.5	<2.5	<2.5	240
06/18/97	100.58	97.01	3.57	3,600[2]	--/--	520	40	1.1	1.4	1.1	240/270[7]
09/03/97	100.58	96.75	3.83	3,300[2]	[2]730/500[2]	1,100[3]	96	<2.5	<2.5	<2.5	360
11/12/97	100.58	95.81	4.77	5,000[2]	[2]920/380[2]	910	40	<1.0	<1.0	1.2	340
02/16/98	100.58	96.07	4.51	1,800[4]	[2]480/260[2]	1,200	77	<5.0	<5.0	<5.0	340
05/19/98	100.58	96.51	4.07	--	[9]900/660[9]	1,200	130	12	4.3	18	370
08/10/98	100.58	96.62	3.96	3,300[2]	[2]780/380[2]	810	100	<2.5	<2.5	<2.5	240
11/04/98	100.58	95.73	4.85	3,500[2]	[2]860/310[2]	850	60	1.3	<1.0	6.7	330
03/16/99	100.58	95.82	4.76	--	[2]970/310	1,500	170	<10	<10	<10	350
05/18/99	100.58	95.32	5.26	2,800[2]	[8]2,240/177[1]	817	248	<1.0	<1.0	<1.0	289/276[5,7]
09/15/99	100.58	95.39	5.19	--	829/--	588	171	1.42	0.99	3.01	351
11/30/99	100.58	94.64	5.94	--	2,050/--	613	21.1	0.61	<0.5	2.61	334
06/15-16/00	100.58	96.93	3.65	2,100[16]	[16]1,140/445[16]	400[13]	1.9	<1.3	<1.3	5.1	240
09/11-12/00	100.58	97.02	3.56	2,450[16]	[22]897/467[16]	788[19]	66.0	<1.00	<1.00	2.21	263
11/15-16/00	100.58	96.38	4.20	--[29]	[27]410/320[27]	280[13]	2.9	1.4	<0.50	3.3	270
02/13-14/01	100.58	95.39	5.19	1,300[26]	[26]260/240[26]	270[12]	4.3	<0.50	1.5	1.6	190

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Bulk Plant #206459
Highway 139 at Main Street
Tulelake, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-D (ppb)	♦TPH-D/♦♦TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-3 (cont)											
05/16/01	100.58	95.59	4.99	1,200[26]	--/--	360[13]	17	<1.2	<1.2	2.0	250
08/15/01	100.58	95.52	5.06	1,500	--/--	610	38	0.58	1.9	1.9	96
11/07/01	100.58	95.14	5.44	3,800	--/--	420	5.3	1.3	<0.50	4.6	230
02/14/02	100.58	96.30	4.28	2,800	--/--	660	28	0.63	<0.50	3.3	220
05/22-23/02	100.58	96.56	4.02	3,400	--/--	780	30	0.93	0.57	<5.0	240
08/28/02	100.58	96.71	3.87	3,800	--/--	650	13	1.7	<0.50	<5.0	260
11/26-27/02	100.58	97.09	3.49	2,600	--/--	630	7.1	0.57	<0.50	<5.0	240
02/26-27/03	100.58	96.88	3.70	2,800	--/--	820	22	0.64	0.50	3.5	250
05/09/03	100.58	97.07	3.51	5,300	--/--	690	12	0.8	<0.5	<1.5	220
08/27/03[37]	100.58	96.46	4.12	4,200	--/--	910	8	1	<0.5	2	270
11/11-12/03[37]	100.58	96.11	4.47	4,400	--/--	590	2	1	<0.5	2	240
02/11/04[37]	100.58	96.78	3.80	5,400	--/--	910	9	0.6	<0.5	0.6	230
05/10/04[37]	100.58	96.93	3.65	5,500	--/--	1,200	11	0.7	<0.5	1	310
08/09/04[37]	--[40]	--[40]	3.42	4,300	--/--	720	3	0.7	<0.5	1	250
11/29/04[37]	--[40]	--[40]	3.70	4,000	--/--	680	3	0.6	<0.5	<0.5	250
02/21/05[37]	--[40]	--[40]	3.74	1,400	--/--	670	9	0.6	<0.5	<0.5	260
05/23/05[37]	4,037.79	4,035.56	2.23	1,800	--/--	1,300	41	0.8	0.5	<0.5	320
08/22/05[37]	**4,037.79**	**4,034.36**	**3.43**	**5,200[41]**	**--/--**	**780**	**9**	**0.9**	**<0.5**	**1**	**330**
MW-4											
04/08/93	100.47	97.39	3.08	1,800	--/--	24,000	2800	83	1060	<50	--
04/26/94	100.47	95.42	5.05	--	--/--	--	--	--	--	--	--
06/14/94	100.47	96.52	3.95	--	--/--	--	--	--	--	--	--
03/19/97	100.47	95.38	5.09	40,000[1]	--/--	13,000	2000	<50	750	79	540
06/18/97	100.47	95.26	5.21	23,000[1]	--/--	36,000	1700	69	810	110	390/410[7]
09/03/97	100.47	95.94	4.53	14,000[4]	[4]8,000/6,900[4]	16,000	1500	46	1300	87	350
11/12/97	100.47	95.00	5.47	15,000[4]	[2]8,600/7,600[4]	13,000	1600	47	1100	78	470
02/16/98	100.47	96.49	3.98	35,000[4]	[4]29,000/17,000[4]	12,000	1400	<20	560	38	430
05/19/98	100.47	96.62	3.85	--	[9]16,000/12,000[9]	15,000	1200	<50	1200	53	1200
08/10/98	100.47	95.75	4.72	11,000[1]	[1]5,300/3,100[1]	13,000	1400	52	1300	99	1200
11/04/98	100.47	95.21	5.26	34,000[1]	[1]25,000/15,000[4]	17,000	1100	<50	930	78	940
03/16/99	100.47	95.67	4.80	--	[4]29,000/20,000[4]	12,000	1200	67	700	100	1100

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Bulk Plant #206459
Highway 139 at Main Street
Tulelake, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-D (ppb)	♦TPH-D/♦♦TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-4 (cont)											
05/18/99	100.47	95.25	5.22	15,000[1]	[8]12,000/7,460[1]	68,200	1000	<5.0	818	65.1	680/665[5]
09/15/99	100.47	95.33	5.14	--	17,200/--	8,140	1350	30.2	669	34.4	694
11/30/99	100.47	94.55	5.92	--	50,400/--	19,700	982	26.9	319	196	938
06/15-16/00	100.47	96.98	3.49	68,300[15]	[16]46,400/30,800[17]	47,000[12]	250	<200	<200	<200	1,100
09/11-12/00	100.47	96.99	3.48	9,070[20]	[22]3,420/15,800[22]	9,540[19]	1,170	48.3	1,130	64.8	1,130
11/15-16/00	100.47	96.40	4.07	--[29]	[26]25,000/16,000[26]	5,300[13]	170	<25	34	<25	1,000
02/13-14/01	100.47	95.39	5.08	19,000[28]	[28]13,000/9,600[28]	9,100[24]	670	<25	390	<25	1,100
05/16/01	100.47	95.37	5.10	50,000[28]	--/--	18,000[13]	720	<100	540	<100	790
08/15/01	100.47	96.02	4.45	12,000	--/--	8,600	1,100	39	970	<25	1,400
11/07/01	100.47	95.20	5.27	720,000	--/--	12,000	910	18	490	31	730
02/14/02	100.47	95.73	4.74	260,000	--/--	25,000	740	33	1,200	41	730
05/22-23/02	100.47	96.35	4.12	520,000	--/--	9,700	820	21	500	20	750
08/28/02	100.47	96.74	3.73	160,000	--/--	3,300	590	110	95	180	4,400/670[14]
11/26-27/02	100.47	97.08	3.39	220,000	--/--	10,000	670	15	480	15	630
02/26-27/03	100.47	96.89	3.58	75,000	--/--	16,000	630	19	810	27	540
05/09/03	100.47	97.09	3.38	51,000	--/--	11,000	570	18	620	<25	430/460[14]
08/27/03[37]	100.47	96.32	4.15	240,000	--/--	10,000	750	16	550	13	530
11/11-12/03[37]	100.47	96.12	4.35	300,000	--/--	9,700	730	15	510	11	510
02/11/04[37]	100.47	96.87	3.60	18,000	--/--	9,000	740	19	750	13	380
05/10/04[37]	100.47	96.77	3.70	88,000	--/--	8,600	810	18	670	15	490
08/09/04[37]	100.47	96.82	3.65	120,000	--/--	10,000	600	17	560	9	340
11/29/04[37]	100.47	96.59	3.88	64,000	--/--	9,200	570	14	490	7	350
02/21/05[37]	100.47	96.55	3.92	12,000	--/--	7,900	610	12	510	8	380
05/23/05[37]	4,038.08	4,035.56	2.52	23,000	--/--	9,800	560	15	540	10	350
08/22/05[37]	**4,038.08**	**4,034.46**	**3.62**	**17,000**	**--/--**	**8,600**	**600**	**12**	**380**	**11**	**580**
MW-5											
04/08/93	100.20	97.66	2.54	2,000	--/--	33,000	3200	450	5800	<10	--
04/26/94	100.20	95.65	4.55	--	--/--	--	--	--	--	--	--
06/14/94	--	--	--	--	--/--	--	--	--	--	--	--
03/19/97	100.20	95.03	5.17	18,000[1]	--/--	13,000	1400	47	450	310	2300
06/18/97	100.20	95.02	5.18	11,000[2]	--/--	9,700	1800	<20	120	190	1,700/2,100[7]

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Bulk Plant #206459
Highway 139 at Main Street
Tulelake, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-D (ppb)	•TPH-D/••TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-5 (cont)											
09/03/97	100.20	95.23	4.97	14,000[2]	[2]5,500/4,300[2]	31,000	3600	110	1300	2900	1,700/1,500[7]
11/12/97	100.20	94.77	5.43	15,000[2]	[3]4,500/--	15,000	2900	55	610	1000	2,100/2,100[7]
02/16/98	100.20	95.54	4.66	35,000[2]	[3]28,000/19,000[4]	24,000	1000	<25	190	660	1,400/1,500[7]
05/19/98	100.20	95.50	4.70	--	[9]35,000/33,000[9]	23,000	1900	<200	400	1100	2,500/1,200[7]
08/10/98	100.20	94.80	5.40	12,000[1]	[1]3,500/--	12,000	1800	<50	240	270	1,700/1,500[7]
11/04/98	100.20	95.09	5.11	9,900[2]	[4]4,400/2,200[4]	9,200	1600	<25	200	140	1,900/1,400[7]
03/16/99	100.20	95.70	4.50	3,000[2]	[2]3,000/1,900[4]	8,700	1800	22	310	240	2000
05/18/99	100.20	95.16	5.04	21,000[1]	[8]16,900/9,030[1]	9,260	1160	16.8	148	136	1,540/1,450[5,7]
09/15/99	100.20	95.79	4.41	--	20,700/--	8,420	1720	<12.5	162	106	1,660/2,780[7]
11/30/99	100.20	94.63	5.57	--	4,310/--	4,510	1230	<12.5	<12.5	37.5	1,850/2,430[7]
06/15-16/00	100.20	97.02	3.18	8,750[17]	[16]3,570/1,640[17]	12,000[11]	480	<25	<25	<25	1,900/1,800[14]
09/11-12/00	100.20	97.00	3.20	49,400[16]	[15]32,100/16,700[22]	17,600[19]	1,550	<25.0	606	1,040	1,660/1,810[14]
11/15-16/00	100.20	95.27	4.93	--[29]	[26]9,700/3,500[26]	3,400[13]	100	10	<10	31	1,700
02/13-14/01	100.20	95.15	5.05	5,100[26]	[26]2,700/1,800[26]	8,100[13]	1,000	<20	170	110	2,300/2,200[14]
05/16/01	100.20	95.45	4.75	6,400[32]	--/--	9,400[13]	1,100	<25	260	390	12,000/13,000[34]
08/15/01	100.20	95.05	5.15	6,100	--/--	<10,000	2,200	<100	360	190	25,000/20,000[14]
11/07/01	100.20	94.94	5.26	19,000	--/--	8,700	1,500	140	110	130	9,900/11,000[14]
02/14/02	100.20	95.32	4.88	43,000	--/--	11,000	1,200	480	230	630	21,000/21,000[14]
05/22-23/02	100.20	95.82	4.38	45,000	--/--	9,400	1,400	310	220	430	13,000/13,000[14]
08/28/02	100.20	96.57	3.63	28,000	--/--	43,000	4,100	83	2,200	83	3,700
11/26-27/02	100.20	96.95	3.25	14,000	--/--	9,500	1,300	100	180	290	15,000/14,000[14]
02/26-27/03	100.20	96.75	3.45	21,000	--/--	11,000	1,500	310	340	850	20,000/19,000[14]
05/09/03	100.20	INACCESSIBLE - WELL FLOODED			--	--	--	--	--	--	--
08/27/03[37]	100.20	96.11	4.09	25,000	--/--	9,600	1,600	66	220	260	15,000
11/11-12/03[37]	100.20	95.84	4.36	35,000	--/--	10,000	1,800	41	210	170	15,000
02/11/04[37]	100.20	97.03	3.17	24,000	--/--	16,000	2,100	50	350	430	14,000
05/10/04	100.20	INACCESSIBLE - AREA FLOODED				--	--	--	--	--	--
08/09/04[37]	--[40]	--[40]	4.93	300,000	--/--	6,600	1,400	<25	120	130	12,000
11/29/04[37]	--[40]	--[40]	5.17	34,000	--/--	6,400	930	11	71	57	12,000
02/21/05[37]	--[40]	--[40]	5.30	11,000	--/--	4,400	700	<10	77	87	11,000
05/23/05[37]	4,039.39	4,035.52	3.87	7,400	--/--	11,000	950	17	170	340	9,500
08/22/05[37]	**4,039.39**	**4,034.62**	**4.77**	**46,000**	**--/--**	**9,900**	**1,300**	**15**	**240**	**230**	**12,000**

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Bulk Plant #206459
Highway 139 at Main Street
Tulelake, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-D (ppb)	♦TPH-D/♦♦TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-6											
04/08/93	100.20	97.33	2.87	1,200	--/--	11,000	250	62	<20	15	--
04/26/94	100.20	95.55	4.65	--	--/--	--	--	--	--	--	--
06/14/94	100.20	96.44	3.76	--	--/--	--	--	--	--	--	--
03/19/97	100.20	95.59	4.61	8,400[1]	--/--	2,900	14	39	<10	<10	140
06/18/97	100.20	95.39	4.81	5,000[1]	--/--	8,500	22	<10	<10	<10	100/94[7]
09/03/97	100.20	95.48	4.72	4,800[4]	[4]2,500/2,100[4]	2,800	8.5	4.7	<2.5	<2.5	120
11/12/97	100.20	95.16	5.04	5,800[4]	[4]2,100/1,500[4]	2,700[9]	10	3.8	<2.5	<2.5	140
02/16/98	100.20	97.03	3.17	8,300[4]	[4]5,500/3,500[4]	2,900[1]	<5.0	<5.0	<5.0	9.1	140
05/19/98	100.20	96.65	3.55	--	[9]3,400/2,600[9]	2,100	11	<5.0	<5.0	<5.0	140
08/10/98	100.20	96.78	3.42	4,500[4]	[4]2,300/1,600[1]	2,300[9]	3.5	15	4.7	2.0	100
11/04/98	100.20	96.05	4.15	7,900[1]	[4]4,900/3,200[4]	3,300	<10	<10	<10	<10	<100
03/16/99	100.20	97.59	2.61	--	[4]14,000/10,000[4]	5,400	<50	<50	<50	<50	<250
05/18/99	100.20	95.99	4.21	6,600[1]	[8]5,280/1,840[1]	33,000	9.35	<2.5	15.6	<2.5	66.6/50.5[5,7]
09/15/99	100.20	96.54	3.66	--	1,900/--	13,900	1.4	2.36	1.55	6.44	--
11/30/99	100.20	95.56	4.64	--	12,600/--	2,280	<0.5	106	30.8	94	44.2
06/15-16/00	100.20	96.90	3.30	7,250[17]	[17]4,170/2,120[17]	2,200[11]	<5.0	18	<5.0	<5.0	94
09/11-12/00	100.20	97.02	3.18	6,480[20]	[21]2,370/1,160[21]	2,270[19]	1.75	<0.500	1.02	1.58	48.1
11/15-16/00	100.20	96.34	3.86	--[29]	[27]7,000/2,800[27]	1,500[13]	<10	<10	<10	<10	73
02/13-14/01	100.20	95.52	4.68	3,100[26]	[26]1,500/850[26]	1,100[13]	5.6	5.8	<5.0	7.9	85
05/16/01	100.20	95.71	4.49	7,200[28]	--/--	1,300[13]	6.3	<5.0	<5.0	<5.0	75
08/15/01	100.20	95.79	4.41	3,300	--/--	2,900[35]	27	12	<10	<10	110
11/07/01	100.20	95.29	4.91	19,000	--/--	2,900	3.4	<5.0	<1.0	<3.0	43
02/14/02	100.20	96.13	4.07	36,000	--/--	3,700	6.0	<2.0	0.67	<1.5	31
05/22-23/02	100.20	96.69	3.51	33,000	--/--	3,200	<5.0	2.1	0.59	<1.5	34
08/28/02	100.20	96.69	3.51	19,000	--/--	3,400	4.7	2.0	0.71	<1.5	31
11/26-27/02	100.20	97.04	3.16	5,700	--/--	3,400	5.0	0.99	<0.50	<1.5	39
02/26-27/03	100.20	96.83	3.37	6,300	--/--	2,500	3.8	1.0	0.60	2.0	33
05/09/03	100.20	97.01	3.19	12,000	--/--	2,700	3.6	1.9	0.7	<1.5	29
08/27/03[37]	100.20	96.45	3.75	31,000	--/--	3,000	0.9	0.8	<0.5	<0.5	39
11/11-12/03[37]	100.20	95.97	4.23	230,000	--/--	1,900	<0.5	<0.5	<0.5	<0.5	22
02/11/04[37]	100.20	96.68	3.52	8,100	--/--	2,100	1	0.7	<0.5	0.5	39
05/10/04[37]	100.20	96.88	3.32	10,000	--/--	2,800	1	0.7	3	0.7	70
08/09/04[37]	100.20	96.87	3.33	11,000	--/--	2,300	<0.5	0.7	<0.5	0.6	58

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Bulk Plant #206459

Highway 139 at Main Street

Tulelake, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-D (ppb)	♦TPH-D/♦♦TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-6 (cont)											
11/29/04[37]	100.20	96.57	3.63	29,000	--/--	2,900	0.9	0.7	<0.5	<0.5	85
02/21/05[37]	100.20	96.45	3.75	7,700	--/--	2,700	1	0.7	<0.5	<0.5	140
05/23/05[37]	4,037.77	4,035.49	2.28	6,700	--/--	2,000	1	0.8	<0.5	<0.5	230
08/22/05[37]	**4,037.77**	**4,034.43**	**3.34**	**33,000**	**--/--**	**2,700**	**0.9**	**0.8**	**<0.5**	**<0.5**	**420**
MW-7											
04/08/93	100.95	97.74	3.21	2,700	--/--	2,600	42	6.6	<10	<5.0	--
04/26/94	100.95	95.85	5.10	--	--/--	--	--	--	--	--	--
06/14/94	100.95	96.80	4.15	--	--/--	--	--	--	--	--	--
03/19/97	100.95	95.85	5.10	82,000	--/--	6,000	210	<20	<20	<20	170
06/18/97	100.95	95.93	5.02	23,000	--/--	2,700	130	<5.0	<5.0	<5.0	53/64[7]
09/03/97	100.95	95.63	5.32	16,000[4]	[4]8,400/7,500[4]	1,500[3]	210	<5.0	<5.0	<5.0	160
11/12/97	100.95	95.57	5.38	13,000[4]	[4]6,400/4,600[4]	340	46	0.78	<0.5	1.7	28
02/16/98	100.95	97.54	3.41	7,500[4]	[4]3,500/2,100[4]	1,500[3]	130	<2.5	<2.5	<2.5	89
05/19/98	100.95	96.86	4.09	--	[2]910/17,000	1,300	290	<5.0	<5.0	5.2	120
08/10/98	100.95	96.71	4.24	13,000[1]	[4]5,500/3,500[3]	1,800	280	<5.0	<5.0	8.5	160
11/04/98	100.95	95.70	5.25	28,000[1]	[4]21,000/12,000[4]	3,000[3]	160	<5.0	<5.0	<5.0	73
03/16/99	100.95	96.45	4.50	--	[4]15,000/1,300[4]	37,000	100	<100	<100	<100	<500
05/18/99	100.95	95.55	5.40	<50	--/--	4,290	109	<1.0	1.65	4.07	68.2/55[5,7]
09/15/99	100.95	95.84	5.11	--	26,000/--	1,460	171	2.08	1.94	7.75	66.2
11/30/99	100.95	95.63	5.32	--	8,030/--	1,670	53.9	4.13	3.41	11.2	62.4
06/15-16/00	100.95	96.98	3.97	10,300[17]	[17]5,610/3,800[17]	970[11]	36	<5.0	<5.0	<5.0	99
09/11-12/00	100.95	97.18	3.77	4,320[16]	[22]1,250/602[22]	959[19]	125	<2.00	<2.00	2.42	44.3
11/15-16/00	100.95	96.42	4.53	--[29]	[28]3,600/3,200[28]	9,100[24]	32	19	11	23	59
02/13-14/01	100.95	95.58	5.37	4,700[28]	[28]4,100/2,900[28]	5,000[24]	70	<10	<10	<10	98
05/16/01	100.95	95.80	5.15	11,000[33]	--/--	4,500[31]	97	<2.5	<2.5	4.0	42
08/15/01	100.95	96.26	4.69	10,000	--/--	1,700	160	<5.0	<5.0	<5.0	<25
11/07/01	100.95	95.20	5.75	59,000	--/--	1,500	110	1.6	0.62	3.2	22
02/14/02	100.95	96.26	4.69	49,000	--/--	1,500	88	1.5	0.87	2.5	34
05/22-23/02	100.95	96.65	4.30	42,000	--/--	1,400	110	1.5	0.69	2.3	31
08/28/02	100.95	96.77	4.18	27,000	--/--	1,600	150	2.0	0.80	2.3	35
11/26-27/02	100.95	97.11	3.84	59,000	--/--	2,200	100	1.7	0.73	2.5	34

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Bulk Plant #206459

Highway 139 at Main Street

Tulelake, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-D (ppb)	♦TPH-D/♦♦TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-7 (cont)											
02/26-27/03	100.95	96.91	4.04	95,000	--/--	1,400	140	1.7	0.68	3.5	26
05/09/03	100.95	97.10	3.85	15,000	--/--	1,300	90	1.5	0.7	2.3	20
08/27/03[37]	100.95	96.65	4.30	65,000	--/--	1,700	120	2	0.5	3	20
11/11-12/03[37]	100.95	96.05	4.90	51,000	--/--	1,400	110	2	0.8	2	15
02/11/04[37]	100.95	96.84	4.11	10,000	--/--	1,400	150	2	0.6	2	13
05/10/04[37]	100.95	96.93	4.02	50,000	--/--	1,700	140	2	0.8	3	15
08/09/04[37]	100.95	96.84	4.11	33,000	--/--	1,600	130	2	0.5	2	12
11/29/04[37]	100.95	96.62	4.33	21,000	--/--	1,500	72	1	<0.5	1	11
02/21/05[37]	100.95	96.67	4.28	62,000	--/--	5,000	88	1	<0.5	2	11
05/23/05[37]	4,038.63	4,035.72	2.91	15,000	--/--	1,200	130	2	0.5	2	7
08/22/05[37]	**4,038.63**	**4,034.65**	**3.98**	**20,000**	**--/--**	**1,300**	**110**	**2**	**0.6**	**2**	**5**
MW-8											
04/08/93	100.10	97.53	2.57	1,100	--/--	1,800	<0.5	0.93	<1.0	<0.5	--
04/26/94	100.10	95.85	4.52	--	--/--	--	--	--	--	--	--
06/14/94	100.10	96.70	3.40	--	--/--	--	--	--	--	--	--
03/19/97	100.10	96.85	3.25	5,900	--/--	160	<0.5	<0.5	<0.5	<0.5	<2.5
06/18/97	100.10	95.39	4.71	2,300[1]	--/--	300	<1.0	<1.0	<1.0	1.1	<5.0
09/03/97	100.10	96.18	3.92	1,500[4]	[4]740/660[4]	<50	<0.5	<0.5	<0.5	<0.5	<2.5
11/12/97	100.10	96.10	4.00	2,600[4]	[4]1,600/1,300[4]	86	<0.5	<0.5	<0.5	<0.5	<2.5
02/16/98	100.10	97.16	2.94	2,900[4]	[4]1,400/990[4]	180[3]	<0.5	<0.5	<0.5	<0.5	<2.5
05/19/98	100.10	97.92	2.18	--	580/450	81	0.57	<0.5	<0.5	0.69	<2.5
08/10/98	100.10	97.56	2.54	2,800[1]	[4]1,100/770[4]	740[2]	0.52	<0.5	<0.5	<0.5	<2.5
11/04/98	100.10	96.37	3.73	2,300[2]	[4]850/380[4]	200[2]	<0.5	<0.5	<0.5	<0.5	<5.0
03/16/99	100.10	97.20	2.90	--	[4]670/450[4]	1,400	11	3.5	2.4	2.5	19
05/18/99	100.10	97.45	2.65	2,400[1]	[8]1,920/533[1]	581[2]	<1.0	<1.0	<1.0	<1.0	<4.0
09/15/99	100.10	96.65	3.45	--	2,090/--	144	<0.5	<0.5	<0.5	1.49	<5.0
11/30/99	100.10	96.05	4.05	--	4,870/--	618	<0.5	0.66	0.86	6.03	<2.5
06/15-16/00	100.10	96.95	3.15	2,040[17]	[17]764/561[17]	1,300[11]	<5.0	<5.0	<5.0	<5.0	<25
09/11-12/00	100.10	97.10	3.00	3,920[21]	[21]1,490/843[21]	94.7[19]	0.582	<0.500	<0.500	<0.500	7.07
11/15-16/00	100.10	96.49	3.61	--[29]	[28]7,000/2,600[28]	1,800[12]	<5.0	<5.0	<5.0	<5.0	<25
02/13-14/01	100.10	95.58	4.52	3,700[28]	[28]2,300/2,300[28]	770[25]	<2.5	<2.5	<2.5	<2.5	<13

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Bulk Plant #206459
Highway 139 at Main Street
Tulelake, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-D (ppb)	♦TPH-D/♦♦TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-8 (cont)											
05/16/01	100.10	96.05	4.05	3,400[28]	--/--	520[12]	<0.50	<0.50	<0.50	<0.50	<2.5
08/15/01	100.10	96.24	3.86	1,700	--/--	120	<0.50	<0.50	<0.50	0.68	<2.5
11/07/01	100.10	95.27	4.83	20,000	--/--	160	<0.50	<0.50	<0.50	<1.5	<2.5
02/14/02	100.10	96.43	3.67	130,000	--/--	94	<0.50	<0.50	<0.50	<1.5	<2.5
05/22-23/02	100.10	96.88	3.22	8,900	--/--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
08/28/02	100.10	96.75	3.35	14,000	--/--	75	<0.50	<0.50	<0.50	<1.5	<2.5
11/26-27/02	100.10	96.59	3.51	2,100	--/--	96	<0.50	<0.50	<0.50	<1.5	<2.5
02/26-27/03	100.10	96.38	3.72	2,000	--/--	83	<0.50	<0.50	<0.50	<1.5	<2.5
05/09/03	100.10	96.58	3.52	3,400	--/--	90	<0.5	<0.5	<0.5	<1.5	<2.5
08/27/03[37]	100.10	96.60	3.50	92,000	--/--	120	<0.5	<0.5	<0.5	<0.5	<0.5
11/11-12/03[37]	100.10	96.03	4.07	63,000	--/--	110	<0.5	<0.5	<0.5	<0.5	2
02/11/04[37]	100.10	96.82	3.28	11,000	--/--	120	<0.5	<0.5	<0.5	<0.5	2
05/10/04[37]	100.10	96.96	3.14	22,000	--/--	170	<0.5	<0.5	<0.5	<0.5	2
08/09/04[37]	100.10	96.85	3.25	39,000	--/--	140	<0.5	<0.5	<0.5	<0.5	2
11/29/04[37]	100.10	96.60	3.50	27,000	--/--	190	<0.5	<0.5	<0.5	<0.5	1
02/21/05[37]	100.10	96.52	3.58	5,400	--/--	1,300	<0.5	<0.5	<0.5	<0.5	1
05/23/05[37]	4,037.73	4,035.51	2.22	5,900	--/--	140	<0.5	<0.5	<0.5	<0.5	2
08/22/05[37]	**4,037.73**	**4,034.45**	**3.28**	**29,000**	**--/--**	**390**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**4**
MW-9											
04/08/93	101.83	97.82	4.01	4,000	--/--	94,000	<0.5	<0.5	<60	<30	--
04/26/94	101.83	96.19	5.64	--	--/--	--	--	--	--	--	--
06/14/94	101.83	96.92	4.91	--	--/--	--	--	--	--	--	--
03/19/97	101.83	INACCESSIBLE		--	--/--	--	--	--	--	--	--
06/18/97	101.83	INACCESSIBLE		--	--/--	--	--	--	--	--	--
09/03/97	101.83	INACCESSIBLE		--	--/--	--	--	--	--	--	--
11/12/97	101.83	INACCESSIBLE		--	--/--	--	--	--	--	--	--
02/16/98	101.83	INACCESSIBLE		--	--/--	--	--	--	--	--	--
05/19/98	101.83	98.05	3.78	--	630/570	<50	<0.5	<0.5	<0.5	<0.5	<2.5
08/10/98	101.83	97.50	4.33	650[2]	[4]200/120[2]	360[2]	<2.0	<2.0	<2.0	<2.0	<10
11/04/98	101.83	96.38	5.45	4,300[1]	[4]2,300/1,600[4]	<50	<0.5	<0.5	<0.5	<0.5	<5.0
03/16/99	101.83	97.41	4.42	--	[4]32,000/33,000[4]	85,000	<500	<500	<500	<500	<2500

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Highway 139 at Main Street
Tulelake, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-D (ppb)	♦TPH-D/♦♦TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-9 (cont)											
05/18/99	101.83	96.68	5.15	810[2]	[8]648/145[2]	273[2]	<0.5	<0.5	<0.5	<0.5	<2.0
09/15/99	101.83	96.83	5.00	--	4,800/--	116	<0.5	<0.5	<0.5	0.75	<5.0
11/30/99	101.83	96.08	5.75	--	2,750/--	580	<0.5	<0.5	<0.5	<0.5	9.08
06/15-16/00	101.83	96.99	4.84	2,670[17]	[16]1,590/1,200[17]	340[12]	0.85	<0.50	<0.50	<0.50	2.8
09/11-12/00	101.83	96.15	5.68	1,480[16]	[22]651/335[16]	88.7[12]	<0.500	<0.500	<0.500	<0.500	<2.50
11/15-16/00	101.83	96.59	5.24	--[29]	[28]9,200/2,900[28]	3,400[25]	<5.0	<5.0	<5.0	<5.0	<25
02/13-14/01	101.83	95.75	6.08	5,100[28]	[28]3,100/2,600[28]	2,300[25]	<2.5	<2.5	<2.5	<2.5	<13
05/16/01	101.83	96.23	5.60	2,500[28]	--/--	3,700[25]	<2.5	<2.5	<2.5	<2.5	<12
08/15/01	101.83	96.41	5.42	6,600	--/--	150[35]	<1.2	<1.2	<1.2	<1.2	<6.2
11/07/01	101.83	95.27	6.56	18,000	--/--	73	<0.50	<0.50	<0.50	<1.5	<2.5
02/14/02	101.83	96.54	5.29	67,000	--/--	64	<0.50	<0.50	<0.50	<1.5	<2.5
05/22-23/02	101.83	96.87	4.96	9,700	--/--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
08/28/02	101.83	96.76	5.07	6,700	--/--	52	<0.50	<0.50	<0.50	<1.5	<2.5
11/26-27/02	101.83	97.13	4.70	3,000	--/--	230	<0.50	<0.50	<0.50	<1.5	<2.5
02/26-27/03	101.83	96.93	4.90	1,300	--/--	62	<0.50	<0.50	<0.50	<1.5	<2.5
05/09/03	101.83	97.12	4.71	2,800	--/--	<50	<0.5	<0.5	<0.5	<1.5	<2.5
08/27/03[37]	101.83	96.74	5.09	19,000	--/--	64	<0.5	<0.5	<0.5	<0.5	<0.5
11/11-12/03[37]	101.83	97.03	4.80	19,000	--/--	64	<0.5	<0.5	<0.5	<0.5	<0.5
02/11/04[37]	101.83	96.90	4.93	7,000	--/--	72	<0.5	<0.5	<0.5	<0.5	<0.5
05/10/04[37]	101.83	96.86	4.97	11,000	--/--	660	<0.5	<0.5	<0.5	<0.5	<0.5
08/09/04[37]	101.83	96.86	4.97	11,000	--/--	97	<0.5	<0.5	<0.5	<0.5	<0.5
11/29/04[37]	101.83	96.69	5.14	18,000	--/--	97	<0.5	<0.5	<0.5	<0.5	<0.5
02/21/05[37]	101.83	96.66	5.17	6,300	--/--	900	<0.5	<0.5	<0.5	<0.5	<0.5
05/23/05[37]	4,039.42	4,035.69	3.73	10,000	--/--	170	<0.5	<0.5	<0.5	<0.5	<0.5
08/22/05[37]	**4,039.42**	**4,034.54**	**4.88**	**4,800**	**--/--**	**110**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**
MW-10											
06/14/94	101.77	97.13	4.64	--	--/--	--	--	--	--	--	--
03/19/97	101.77	96.89	4.88	64[1]	--/--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/18/97	101.77	96.86	4.91	71[1]	--/--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/03/97	101.77	97.26	4.51	<50	--/--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
11/12/97	101.77	96.86	4.91	<50	--/--	<50	<0.5	<0.5	<0.5	<0.5	<2.5

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Tulelake, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-D (ppb)	♦TPH-D/♦♦TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-10 (cont)											
02/16/98	101.77	98.52	3.25	<50	--/--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
05/19/98	101.77	98.28	3.49	--	<50/--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
08/10/98	101.77	98.00	3.77	<50	--/--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
11/04/98	101.77	96.82	4.95	61[1]	<50/--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
03/16/99	101.77	97.51	4.26	--	<50/--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
05/18/99	101.77	97.42	4.35	<50	--/--	<50	<0.5	<0.5	<0.5	<0.5	<2.0
09/15/99	101.77	97.04	4.73	--	92/--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
11/30/99	101.77	96.41	5.36	--	<50/--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/15-16/00	101.77	97.36	4.41	162[16]	[16]177/222[16]	<50	<0.50	<0.50	<0.50	<0.50	<2.5
09/11-12/00	101.77	97.05	4.72	<50.0	--/--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
11/15-16/00	101.77	96.81	4.96	--[29]	<50/--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
02/13-14/01	101.77	96.03	5.74	<50	--/--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
05/16/01	101.77	96.05	5.72	<50	--/--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
08/15/01	101.77	96.37	5.40	57[35]	--/--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
11/07/01	101.77	95.57	6.20	<50	--/--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
02/14/02	101.77	97.14	4.63	<50	--/--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
05/22-23/02	101.77	97.12	4.65	60	--/--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
08/28/02	101.77	96.73	5.04	<50	--/--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
11/26-27/02	101.77	97.11	4.66	250	--/--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
02/26-27/03	101.77	96.92	4.85	<50	--/--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
05/09/03	101.77	97.12	4.65	<50	--/--	<50	<0.5	<0.5	<0.5	<1.5	<2.5
08/27/03[37]	101.77	96.80	4.97	61	--/--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/11-12/03[37]	101.77	97.04	4.73	160	--/--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/11/04[37]	101.77	97.37	4.40	68	--/--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/10/04[37]	101.77	96.77	5.00	150	--/--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
08/09/04[37]	101.77	96.67	5.10	220	--/--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/29/04[37]	101.77	96.73	5.04	110	--/--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/21/05[37]	101.77	96.84	4.93	65[38]	--/--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/23/05[37]	4,039.32	4,035.81	3.51	<50	--/--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
08/22/05[37]	**4,039.32**	**4,034.55**	**4.77**	**<50**	**--/--**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**

Table 1

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Former Chevron Bulk Plant #206459
Highway 139 at Main Street
Tulelake, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-D (ppb)	♦TPH-D/♦♦TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-11											
06/14/94	100.08	95.98	4.10	--	--/--	--	--	--	--	--	--
03/19/97	100.08	96.78	3.30	100[1]	--/--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/18/97	100.08	97.31	2.77	73[1]	--/--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/03/97	100.08	96.77	3.31	<50	--/--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
11/12/97	100.08	97.27	2.81	<50	--/--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
02/16/98	100.08	97.95	2.13	<50	--/--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
05/19/98	100.08	97.95	2.13	--	<50/--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
08/10/98	100.08	97.13	2.95	<50	--/--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
11/04/98	100.08	96.23	3.85	<50	--/--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
03/16/99	100.08	95.48	4.60	--	<50/--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
05/18/99	100.08	96.82	3.26	57[1]	<50/--	<50	<0.5	<0.5	<0.5	<0.5	<2.0
09/15/99	100.08	UNABLE TO LOCATE			--/--	--	--	--	--	--	--
11/30/99	100.08	94.33	5.75	--	<50/--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/15-16/00	100.08	97.03	3.05	66.0[16]	[16]<50/--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
09/11-12/00	100.08	96.93	3.15	<50.0	--/--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
11/15-16/00	100.08	97.13	2.95	--[29]	<50/--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
02/13-14/01	100.08	96.05	4.03	<50	--/--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
05/16/01	100.08	95.72	4.36	<50	--/--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
08/15/01	100.08	95.56	4.52	<50	--/--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
11/07/01	100.08	95.67	4.41	<50	--/--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
02/14/02	100.08	95.83	4.25	<100	--/--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
05/22-23/02	100.08	96.38	3.70	81	--/--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
08/28/02	100.08	UNABLE TO LOCATE			--/--	--	--	--	--	--	--
11/26-27/02	100.08	UNABLE TO LOCATE			--/--	--	--	--	--	--	--
02/26-27/03	100.08	UNABLE TO LOCATE			--/--	--	--	--	--	--	--
05/09/03	100.08	96.20	3.88	<50	--/--	<50	<0.5	<0.5	<0.5	<1.5	<2.5
08/27/03	100.08	UNABLE TO LOCATE			--	--	--	--	--	--	--
11/11-12/03[37]	100.08	96.20	3.88	<50	--/--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/11/04[37]	100.08	96.93	3.15	<50	--/--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/10/04[37]	100.08	96.78	3.30	130	--/--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
08/09/04[37]	100.08	96.47	3.61	240	--/--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/29/04[37]	100.08	96.68	3.40	180	--/--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/21/05[37]	100.08	97.06	3.02	<50	--/--	<50	<0.5	<0.5	<0.5	<0.5	<0.5

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Bulk Plant #206459
Highway 139 at Main Street
Tulelake, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-D (ppb)	♦TPH-D/♦♦TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-11 (cont)											
05/23/05[37]	4,037.70	4,035.62	2.08	63	--/--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
08/22/05[37]	**4,037.70**	**4,034.23**	**3.47**	**<50**	--/--	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**
MW-12											
06/14/94	100.78	96.55	4.23	--	--/--	--	--	--	--	--	--
03/19/97	100.78	96.63	4.15	200[1]	--/--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/18/97	100.78	97.15	3.63	170[1]	--/--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/03/97	100.78	96.83	3.95	170[2]	<50/--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
11/12/97	100.78	96.08	4.70	300[2]	[2]110/<50	<50	<0.5	<0.5	<0.5	<0.5	<2.5
02/16/98	100.78	97.70	3.08	150[2]	<50/--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
05/19/98	100.78	97.85	2.93	--	110/57[2]	<50	<0.5	<0.5	<0.5	<0.5	<2.5
08/10/98	100.78	97.22	3.56	280[2]	[2]160/110[2]	<50	<0.5	<0.5	<0.5	<0.5	<2.5
11/04/98	100.78	96.31	4.47	400[2]	[2]67/--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
03/16/99	100.78	97.87	2.91	--	[2]92/--	<50	<0.5	0.52	<0.5	<0.5	3.3
05/18/99	100.78	96.73	4.05	190[2]	[2]50.2/--	<50	<0.5	<0.5	<0.5	<0.5	2.28
09/15/99	100.78	96.59	4.19	--	372/--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
11/30/99	100.78	95.68	5.10	--	242/--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/15-16/00	100.78	96.98	3.80	329[16]	[16]180/163[16]	<50	<0.50	<0.50	<0.50	<0.50	<2.5
09/11-12/00	100.78	97.07	3.71	204[16]	[23]168/110[16]	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
11/15-16/00	100.78	96.32	4.46	--[29]	<50/--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
02/13-14/01	100.78	95.48	5.30	120[30]	[30]120/66[30]	470	<0.50	<0.50	<0.50	<0.50	<2.5
05/16/01	100.78	95.91	4.87	100[30]	--/--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
08/15/01	100.78	96.07	4.71	210[36]	--/--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
11/07/01	100.78	95.09	5.69	300	--/--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
02/14/02	100.78	96.28	4.50	900	--/--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
05/22-23/02	100.78	96.78	4.00	810	--/--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
08/28/02	100.78	97.78	3.00	<130	--/--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
11/26-27/02	100.78	98.14	2.64	340	--/--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
02/26-27/03	100.78	97.93	2.85	210	--/--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
05/09/03	100.78	98.12	2.66	360	--/--	<50	<0.5	<0.5	<0.5	<1.5	<2.5
08/27/03[37]	100.78	96.56	4.22	470[38]	--/--	<50	<0.5	<0.5	<0.5	<0.5	1
11/11-12/03[37]	100.78	96.00	4.78	380	--/--	<50	<0.5	<0.5	<0.5	<0.5	1

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Bulk Plant #206459
Highway 139 at Main Street
Tulelake, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-D (ppb)	♦TPH-D/♦♦TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-12 (cont)											
02/11/04[37]	100.78	96.68	4.10	360	--/--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/10/04[37]	100.78	98.72	2.06	1,100	--/--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
08/09/04[37]	100.78	96.81	3.97	570	--/--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/29/04[37]	100.78	96.70	4.08	1,400	--/--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/21/05[37]	100.78	96.43	4.35	250	--/--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/23/05[37]	4,038.39	4,035.38	3.01	240	--/--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
08/22/05[37]	**4,038.39**	**4034.37**	**4.02**	**350[42]**	--/--	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**
MW-13											
06/14/94	99.70	94.30	5.40	--	--/--	--	--	--	--	--	--
03/19/97	99.70	96.54	3.16	90[2]	--/--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/18/97	99.70	97.04	2.66	120[2]	--/--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/03/97	99.70	96.59	3.11	97[2]	<50/--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
11/12/97	99.70	95.81	3.89	120[2]	[2]84/--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
02/16/98	99.70	97.36	2.34	90[2]	<50/--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
05/19/98	99.70	97.57	2.13	--	<50/--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
08/10/98	99.70	97.00	2.70	67[2]	<50/--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
11/04/98	99.70	95.95	3.75	89[2]	<50/--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
03/16/99	99.70	97.58	2.12	--	<50/--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
05/18/99	99.70	96.56	3.14	140[2]	<50/--	<50	<0.5	<0.5	<0.5	<0.5	<2.0
09/15/99	99.70	96.47	3.23	--	131/--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
11/30/99	99.70	95.49	4.21	--	8,030/--	1,670	53.9	4.13	3.41	11.2	62.4
06/15-16/00	99.70	96.92	2.78	168[17]	[16]82.8/--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
09/11-12/00	99.70	97.01	2.69	203[16]	[16]196/163[16]	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
11/15-16/00	99.70	96.25	3.45	--[29]	<50/--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
02/13-14/01	99.70	95.36	4.34	64[30]	--/--	<50	<0.50	<0.50	<0.50	<0.50	4.3
05/16/01	99.70	95.75	3.95	<50	--/--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
08/15/01	99.70	95.98	3.72	99[36]	--/--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
11/07/01	99.70	94.85	4.85	65	--/--	<50	<0.50	<0.50	<0.50	<1.5	2.7
02/14/02	99.70	95.10	4.60	340	--/--	<50	<0.50	<0.50	<0.50	<0.50	6.3
05/22-23/02	99.70	96.71	2.99	220	--/--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
08/28/02	99.70	95.67	4.03	200	--/--	<50	<0.50	<0.50	<0.50	<1.5	<2.5

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Bulk Plant #206459
Highway 139 at Main Street
Tulelake, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-D (ppb)	♦TPH-D/♦♦TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-13 (cont)											
11/26-27/02	99.70	96.03	3.67	68	--/--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
02/26-27/03	99.70	95.84	3.86	240	--/--	<50	<0.50	<0.50	<0.50	<1.5	5.3
05/09/03	99.70	96.03	3.67	<50	--/--	<50	<0.5	<0.5	<0.5	<1.5	<2.5
08/27/03[37]	99.70	96.48	3.22	240	--/--	<50	<0.5	<0.5	<0.5	<0.5	2
11/11-12/03[37]	99.70	95.95	3.75	890	--/--	<50	<0.5	<0.5	<0.5	<0.5	39
02/11/04[37]	99.70	96.57	3.13	1,600	--/--	150	1	<0.5	<0.5	<0.5	23
05/10/04[37]	99.70	96.85	2.85	1,200	--/--	56	<0.5	<0.5	<0.5	<0.5	20
08/09/04[37]	99.70	96.77	2.93	650	--/--	<50	<0.5	<0.5	<0.5	<0.5	7
11/29/04[37]	99.70	96.40	3.30	930	--/--	<50	<0.5	<0.5	<0.5	<0.5	8
02/21/05[37]	99.70	96.25	3.45	1,400	--/--	<50	<0.5	<0.5	<0.5	<0.5	26
05/23/05[37]	4,037.31	4,034.91	2.40	150	--/--	<50	<0.5	<0.5	<0.5	<0.5	7
08/22/05[37]	**4,037.31**	**4,034.31**	**3.00**	**700[41]**	**--/--**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**14**
TRIP BLANK											
03/19/97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/18/97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/03/97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
11/12/97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
02/16/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
05/19/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
08/10/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
11/04/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
03/16/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
05/18/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0
09/15/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
11/30/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/15-16/00	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
09/11-12/00	--	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
11/15-16/00	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
02/13-14/01	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
05/16/01	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
08/15/01	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Bulk Plant #206459

Highway 139 at Main Street

Tulelake, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-D (ppb)	♦TPH-D/♦♦TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
QA											
11/07/01	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
02/14/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
05/22-23/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
08/28/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
11/26-27/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
02/26-27/03	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
05/09/03	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5
08/27/03[37]	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/11-12/03[37]	--	--	--	--	--	--[39]	<0.5	<0.5	<0.5	<0.5	<0.5
02/11/04[37]	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/10/04[37]	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
08/09/04[37]	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/29/04[37]	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/21/05[37]	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/23/05[37]	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
08/22/05[37]	--	--	--	--	--	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Bulk Plant #206459
Highway 139 at Main Street
Tulelake, California

EXPLANATIONS:

Groundwater monitoring data and laboratory analytical results prior to June 15, 2000, were compiled from reports prepared by Blaine Tech Services, Inc.

TOC = Top of Casing
(ft.) = Feet
GWE = Groundwater Elevation
(msl) = Mean sea level
DTW = Depth to Water
TPH-D = Total Petroleum Hydrocarbons as Diesel

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

(ppb) = Parts per billion
-- = Not Measured/Not Analyzed
QA = Quality Assurance/Trip Blank

* TOC elevations were surveyed on May 31, 2005, by Foresight Surveying Inc.

◆ TPH-D with Silica Gel Clean-up.
◆◆ TPH-D with Second Silica Gel Clean-up.

1 Chromatogram pattern indicates an unidentified hydrocarbon and weathered diesel.
2 Chromatogram pattern indicates an unidentified hydrocarbon.
3 Chromatogram pattern indicates an unidentified hydrocarbon and weathered gasoline.
4 Chromatogram pattern indicates weathered diesel.
5 This sample was analyzed outside the EPA recommended holding time.
6 Sample aliquot taken from VOA vial with headspace (air bubbles greater than 6 mm diameter).
7 Confirmation run.
8 Result is an estimated value.
9 Chromatogram pattern indicates a diesel and unidentified hydrocarbon.
10 Chromatogram pattern indicates a gasoline and unidentified hydrocarbon.
11 Laboratory report indicates gasoline C6-C12 + unidentified hydrocarbons C6-C12.
12 Laboratory report indicates unidentified hydrocarbons C6-C12.
13 Laboratory report indicates gasoline C6-C12.
14 MTBE by EPA Method 8260.
15 Laboratory report indicates weathered diesel C14-24 + unidentified hydrocarbons C10-C14.
16 Laboratory report indicates unidentified hydrocarbons C10-C24.
17 Laboratory report indicates weathered diesel C14-C24.
18 Laboratory report indicates weathered gasoline C6-C12 + unidentified hydrocarbons C6-C12.
19 Laboratory report indicates weathered gasoline C6-C12.
20 Laboratory report indicates diesel C10-C24.
21 Laboratory report indicates weathered diesel C10-C24.
22 Laboratory report indicates weathered gasoline C10-C24 + unidentified hydrocarbons C10-C24.
23 Laboratory report indicates unidentified hydrocarbons C13-C24.

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Bulk Plant #206459
Highway 139 at Main Street
Tulelake, California

EXPLANATIONS: (cont)

24 Laboratory report indicates gasoline C6-C12 + unidentified hydrocarbons >C10.
25 Laboratory report indicates unidentified hydrocarbons >C8.
26 Laboratory report indicates diesel C9-C24 + unidentified hydrocarbons <C16.
27 Laboratory report indicates unidentified hydrocarbons C9-C24.
28 Laboratory report indicates diesel C9-C24.
29 Laboratory report indicates TPH-D analyses (without Silica Gel) was subject to laboratory error, which precluded their completion.
30 Laboratory report indicates unidentified hydrocarbons >C16.
31 Laboratory report indicates gasoline C6-C12 + unidentified hydrocarbons >C8.
32 Laboratory report indicates unidentified hydrocarbons C9-C40.
33 Laboratory report indicates diesel C9-C24 + unidentified hydrocarbons >C16.
34 MTBE by EPA Method 8260 was analyzed outside the EPA recommended holding time.
35 Laboratory report indicates hydrocarbon pattern is present in the requested fuel quantitation range but does not resemble the pattern of the requested fuel.
36 Laboratory report indicates hydrocarbon pattern is present in the requested fuel quantitation range but it does not resemble the pattern of the requested fuel. The pattern more closely resembles that of a heavier hydrocarbon mix.
37 BTEX and MTBE by EPA Method 8260.
38 Laboratory report indicates the observed sample pattern is not typical of diesel/#2 fuel oil.
39 TPH-G analysis was inadvertently omitted from the QA sample.
40 TOC elevation has been altered; unable to determine GWE.
41 Laboratory report indicates the observed sample pattern includes #2 fuel/diesel and an additional pattern which elutes later in the DRO range.
42 Laboratory report indicates the observed sample pattern is not typical of #2 fuel/diesel. It elutes in the DRO range later than #2 fuel.

Table 2

Groundwater Analytical Results - Oxygenate Compounds

Former Chevron Bulk Plant #206459

Highway 139 at Main Street

Tulelake, California

WELL ID/ DATE	ETHANOL *(ppb)*	TBA *(ppb)*	MTBE *(ppb)*	DIPE *(ppb)*	ETBE *(ppb)*	TAME *(ppb)*
MW-1						
08/27/03	--	--	66	--	--	--
11/11-12/03	--	--	46	--	--	--
02/11/04	--	--	61	--	--	--
05/10/04	--	--	54	--	--	--
08/09/04	--	--	36	--	--	--
11/29/04	--	--	34	--	--	--
02/21/05	--	--	34	--	--	--
05/23/05	--	--	24	--	--	--
08/22/05	--	--	**25**	--	--	--
MW-2						
08/27/03	--	--	5	--	--	--
11/11-12/03	--	--	1	--	--	--
02/11/04	--	--	1	--	--	--
05/10/04	--	--	<0.5	--	--	--
08/09/04	--	--	3	--	--	--
11/29/04	--	--	<0.5	--	--	--
02/21/05	--	--	<0.5	--	--	--
05/23/05	--	--	<0.5	--	--	--
08/22/05	--	--	**<0.5**	--	--	--
MW-3						
08/27/03	--	--	270	--	--	--
11/11-12/03	--	--	240	--	--	--
02/11/04	--	--	230	--	--	--
05/10/04	--	--	310	--	--	--
08/09/04	--	--	250	--	--	--
11/29/04	--	--	250	--	--	--
02/21/05	--	--	260	--	--	--
05/23/05	--	--	320	--	--	--
08/22/05	--	--	**330**	--	--	--

Table 2

Groundwater Analytical Results - Oxygenate Compounds

Former Chevron Bulk Plant #206459

Highway 139 at Main Street

Tulelake, California

WELL ID/ DATE	ETHANOL *(ppb)*	TBA *(ppb)*	MTBE *(ppb)*	DIPE *(ppb)*	ETBE *(ppb)*	TAME *(ppb)*
MW-4						
08/28/02	--	59	670	<0.5	<0.5	4
05/09/03	--	69	460	<0.5	<0.5	3
08/27/03	--	--	530	--	--	--
11/11-12/03	--	--	510	--	--	--
02/11/04	--	--	380	--	--	--
05/10/04	--	--	490	--	--	--
08/09/04	--	--	340	--	--	--
11/29/04	--	--	350	--	--	--
02/21/05	--	--	380	--	--	--
05/23/05	--	--	350	--	--	--
08/22/05	--	--	**580**	--	--	--
MW-5						
09/03/99	--	--	1,500	--	--	--
11/12/97	<10,000	<2,000	2,100	<40	<40	<40
02/16/98	--	--	1,500	--	--	--
05/19/98	--	--	1,200	--	--	--
08/10/98	--	--	1,500	--	--	--
06/15-16/00	--	--	1,800	--	--	--
09/11-12/00	--	--	1,810	--	--	--
02/13-14/01	--	--	2,200	--	--	--
05/16/01[1]	--	<2,000	13,000	<200	<200	260
08/15/01	--	--	20,000	--	--	--
11/07/01	--	1,300	11,000	<3.0	<3.0	150
02/14/02	--	4,000	21,000	<10	<10	370
05/22-23/02	--	1,700	13,000	<1	<1	200
11/26-27/02	--	2,200	14,000	<5	<5	270
02/26-27/03	--	1,500	19,000	<5	<5	440
08/27/03	--	--	15,000	--	--	--
11/11-12/03	--	--	15,000	--	--	--
02/11/04	--	--	14,000	--	--	--
05/10/04	INACCESSIBLE - AREA FLOODED		--	--	--	--

Table 2

Groundwater Analytical Results - Oxygenate Compounds

Former Chevron Bulk Plant #206459

Highway 139 at Main Street

Tulelake, California

WELL ID/ DATE	ETHANOL *(ppb)*	TBA *(ppb)*	MTBE *(ppb)*	DIPE *(ppb)*	ETBE *(ppb)*	TAME *(ppb)*
MW-5 (cont)						
08/09/04	--	--	12,000	--	--	--
11/29/04	--	--	12,000	--	--	--
02/21/05	--	--	11,000	--	--	--
05/23/05	--	--	9,500	--	--	--
08/22/05	--	--	**12,000**	--	--	--
MW-6						
08/27/03	--	--	39	--	--	--
11/11-12/03	--	--	22	--	--	--
02/11/04	--	--	39	--	--	--
05/10/04	--	--	70	--	--	--
08/09/04	--	--	58	--	--	--
11/29/04	--	--	85	--	--	--
02/21/05	--	--	140	--	--	--
05/23/05	--	--	230	--	--	--
08/22/05	--	--	**420**	--	--	--
MW-7						
08/27/03	--	--	20	--	--	--
11/11-12/03	--	--	15	--	--	--
02/11/04	--	--	13	--	--	--
05/10/04	--	--	15	--	--	--
08/09/04	--	--	12	--	--	--
11/29/04	--	--	11	--	--	--
02/21/05	--	--	11	--	--	--
05/23/05	--	--	7	--	--	--
08/22/05	--	--	**5**	--	--	--
MW-8						
08/27/03	--	--	<0.5	--	--	--

Table 2

Groundwater Analytical Results - Oxygenate Compounds

Former Chevron Bulk Plant #206459

Highway 139 at Main Street

Tulelake, California

WELL ID/ DATE	ETHANOL *(ppb)*	TBA *(ppb)*	MTBE *(ppb)*	DIPE *(ppb)*	ETBE *(ppb)*	TAME *(ppb)*
MW-8 (cont)						
11/11-12/03	--	--	2	--	--	--
02/11/04	--	--	2	--	--	--
05/10/04	--	--	2	--	--	--
08/09/04	--	--	2	--	--	--
11/29/04	--	--	1	--	--	--
02/21/05	--	--	1	--	--	--
05/23/05	--	--	2	--	--	--
08/22/05	--	--	**4**	--	--	--
MW-9						
08/27/03	--	--	<0.5	--	--	--
11/11-12/03	--	--	<0.5	--	--	--
02/11/04	--	--	<0.5	--	--	--
05/10/04	--	--	<0.5	--	--	--
08/09/04	--	--	<0.5	--	--	--
11/29/04	--	--	<0.5	--	--	--
02/21/05	--	--	<0.5	--	--	--
05/23/05	--	--	<0.5	--	--	--
08/22/05	--	--	**<0.5**	--	--	--
MW-10						
08/27/03	--	--	<0.5	--	--	--
11/11-12/03	--	--	<0.5	--	--	--
02/11/04	--	--	<0.5	--	--	--
05/10/04	--	--	<0.5	--	--	--
08/09/04	--	--	<0.5	--	--	--
11/29/04	--	--	<0.5	--	--	--
02/21/05	--	--	<0.5	--	--	--
05/23/05	--	--	<0.5	--	--	--
08/22/05	--	--	**<0.5**	--	--	--

Table 2

Groundwater Analytical Results - Oxygenate Compounds

Former Chevron Bulk Plant #206459
Highway 139 at Main Street
Tulelake, California

WELL ID/ DATE	ETHANOL (ppb)	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)
MW-11						
08/27/03	UNABLE TO LOCATE	--	--	--	--	--
11/11-12/03	--	--	<0.5	--	--	--
02/11/04	--	--	<0.5	--	--	--
05/10/04	--	--	<0.5	--	--	--
08/09/04	--	--	<0.5	--	--	--
11/29/04	--	--	<0.5	--	--	--
02/21/05	--	--	<0.5	--	--	--
05/23/05	--	--	<0.5	--	--	--
08/22/05	--	--	**<0.5**	--	--	--
MW-12						
08/27/03	--	--	1	--	--	--
11/11-12/03	--	--	1	--	--	--
02/11/04	--	--	<0.5	--	--	--
05/10/04	--	--	<0.5	--	--	--
08/09/04	--	--	<0.5	--	--	--
11/29/04	--	--	<0.5	--	--	--
02/21/05	--	--	<0.5	--	--	--
05/23/05	--	--	<0.5	--	--	--
08/22/05	--	--	**<0.5**	--	--	--
MW-13						
08/27/03	--	--	2	--	--	--
11/11-12/03	--	--	39	--	--	--
02/11/04	--	--	23	--	--	--
05/10/04	--	--	20	--	--	--
08/09/04	--	--	7	--	--	--
11/29/04	--	--	8	--	--	--
02/21/05	--	--	26	--	--	--
05/23/05	--	--	7	--	--	--
08/22/05	--	--	**14**	--	--	--

Table 2

Groundwater Analytical Results - Oxygenate Compounds

Former Chevron Bulk Plant #206459
Highway 139 at Main Street
Tulelake, California

EXPLANATIONS:

Groundwater laboratory analytical results prior to June 15, 2000, were compiled from reports prepared by Blaine Tech Services, Inc.

TBA = Tertiary butyl alcohol
MTBE = Methyl tertiary butyl ether
DIPE = Di-isopropyl ether
ETBE = Ethyl tertiary butyl ether
TAME = Tertiary amyl methyl ether
(ppb) = Parts per billion
-- = Not Analyzed

[1] Laboratory report indicates sample was analyzed outside recommended hold time.

ANALYTICAL METHOD:

EPA Method 8260 for Oxygenate Compounds

Table 3

Field Measurements and Analytical Results

Former Chevron Bulk Plant #206459

Highway 139 at Main Street

Tulelake, California

DATE	Time	Volume (gallons)	pH	Conductivity (µmhos/cm)	Total Temp. °C/°F	DO (mg/L)	ORP (mV)	Alkalinity (ppm)	Nitrate (mg/L)	Sulfate (mg/L)	Ferrous Iron (mg/L)
MW-1											
03/19/97	--	--	--	--	--	1.80	84	360	<1.0	<1.0	6.7
06/18/97	--	--	--	--	--	2.00	-65	420	<1.0	<1.0	7.8
09/03/97	14:06	--	--	--	--	9.36	5	--	<1.0	<1.0	6.5
11/12/97	11:12	--	--	--	--	6.53	21.1	--	--	--	--
11/12/97	11:14	1.0	6.87	212	17.6/--	6.15	18.3	--	--	--	--
11/12/97	--	Well dewatered	--	--	--	--	--	--	--	--	--
11/12/97	13:25	2.0	6.70	181	16.0/--	3.15	17.3	325	<0.1	0.62	3.9
02/16/98	15:40	--	--	--	11.0/--	1.52	31.7	--	--	--	--
02/16/98	15:43	2.0	7.01	669	10.9/--	1.48	31.8	--	--	--	--
02/16/98	--	Well dewatered	--	--	--	--	--	--	--	--	--
02/16/98	18:30	4.0	7.04	657	10.8/--	1.74	29.9	300	12	13	8.7
05/19/98	10:23	1.2	7.03	706	13.0/--	3.68	-10.1	400	--	--	--
05/19/98	10:25	2.0	7.13	695	12.9/--	3.87	-11.2	450	--	--	--
05/19/98	--	Well dewatered	--	--	--	--	--	--	--	--	--
05/19/98	13:22	3.0	7.10	598	13.0	3.75	-12.1	500	<1.0	6.4	9.3
08/10/98	9:07	1.0	6.85	687	16.6	2.86	7.4	425	--	--	--
08/10/98	9:08	2.0	6.75	689	19.0	1.93	23	450	--	--	--
08/10/98	--	Well dewatered		--	--	--	--	--	--	--	--
08/10/98	11:30	3.0	6.80	690	18.8	1.99	22	450	<1.0	2.5	7.4
11/04/98	10:41	1.0	6.60	809	14.9	0.90	-81	320	<1.0	14	6.5
11/04/98	--	Well dewatered		--	--	--	--	--	--	--	--
11/04/98	13:14	1.5	6.60	743	15.5	--	--	--	--	--	--
03/16/99	pre-purge	--	--	--	--	0.90	-27	--	--	--	--
03/16/99	13:31	1.25	7.40	899	9.3	--	--	--	--	--	--
03/16/99	13:34	2.0	7.30	761	9.9	--	--	--	--	--	--
03/16/99	--	Well dewatered	--	--	--	--	--	--	--	--	--
03/16/99	15:00	--	7.40	794	9.6	--	--	--	--	--	--
03/16/99	15:05	--	--	--	--	--	--	280	<1.0	4.9	6.2

Table 3

Field Measurements and Analytical Results

Former Chevron Bulk Plant #206459

Highway 139 at Main Street

Tulelake, California

DATE	Time	Volume (gallons)	pH	Conductivity (µmhos/cm)	Total Temp. °C/°F	DO (mg/L)	ORP (mV)	Alkalinity (ppm)	Nitrate (mg/L)	Sulfate (mg/L)	Ferrous Iron (mg/L)
MW-1 (cont)											
05/18/99	Pre-purge	--	--	--	--	1.0	-73	--	--	--	--
05/18/99	13:20	1.0	6.80	700	14.4	--	--	--	--	--	--
05/18/99	--	Well dewatered	--	--	--	--	--	--	--	--	--
05/18/99	16:04	--	6.90	660	14.5	--	--	--	--	--	--
05/18/99	16:10	--	--	--	--	--	--	287	0.306	<1.0	3.15
09/15/99	Pre-purge	--	--	--	--	0.70	88	--	--	--	--
09/15/99	13:50	1.0	8.80	670	22.8	--	--	--	--	--	--
09/15/99	13:51	2.0	8.20	650	22.6	--	--	--	--	--	--
09/15/99	13:52	3.0	8.10	650	22.2	--	--	--	--	--	--
09/15/99	13:55	--	--	--	--	--	--	324	<0.1	246	23.6
11/30/99	Pre-purge	--	--	--	--	1.00	-11	--	--	--	--
11/30/99	12:41	1.0	7.40	896	8.9	--	--	--	--	--	--
11/30/99	12:42	2.0	7.30	775	8.9	--	--	--	--	--	--
11/30/99	--	Well dewatered	--	--	--	--	--	--	--	--	--
11/30/99	15:39	--	7.20	769	8.9	--	--	--	--	--	--
11/30/99	15:45	--	--	--	--	--	--	--	--	--	--
06/15-16/00	6:47	0.0	--	--	--	1.32	108	--	--	--	--
06/15-16/00	6:49	1.0	6.92	481	16.5	--	--	--	--	--	--
06/15-16/00	6:52	2.0	6.87	436	15.9	--	--	--	--	--	--
06/15-16/00	7:55	3.0	6.84	415	16.0	--	--	310	<1.0	<1.0	0.58
09/11-12/00	15:45	0	--	--	--	0.6	75	--	--	--	--
09/11-12/00	15:49	1.0	6.37	471	23.4	--	--	--	--	--	--
09/11-12/00	15:52	2.0	6.40	461	23.0	--	--	--	--	--	--
09/11-12/00	15:55	3.25	6.38	463	21.8	--	--	--	<.226	2.340	0.101
11/15-16/00	8:42	0	--	--	--	1.60	89	--	--	--	--
11/15-16/00	8:44	1	7.10	578	55.9	--	--	--	--	--	--
11/15-16/00	8:47	2	6.96	536	55.5	--	--	--	--	--	--
11/15-16/00	10:35	3	6.92	549	55.2	--	--	305	<1.00	2.21	0.30

Table 3

Field Measurements and Analytical Results

Former Chevron Bulk Plant #206459

Highway 139 at Main Street

Tulelake, California

DATE	Time	Volume (gallons)	pH	Conductivity (µmhos/cm)	Total Temp. °C/°F	DO (mg/L)	ORP (mV)	Alkalinity (ppm)	Nitrate (mg/L)	Sulfate (mg/L)	Ferrous Iron (mg/L)
MW-2											
03/19/97[1]	--	--	--	--	--	2.60	75	530	86	100	0.11
06/18/97[1]	--	--	--	--	--	2.80	81	<1.0	52	5600	<0.01
09/03/97	13:38	0.0	--	--	--	8.05	-31	675	26	110	0.058
11/12/97	10:59	--	--	--	14.2	3.10	0.8	--	--	--	--
11/12/97	11:01	1.0	6.89	254	14.5	2.77	-1.1	--	--	--	--
11/12/97	--	Well dewatered	--	--	--	--	--	--	--	--	--
11/12/97	13:10	1.5	6.98	253	14.2	2.68	-2.2	560	18	64	0.097
02/16/98	15:20	--	--	--	5.3	3.44	6.9	--	--	--	--
02/16/98	15:23	1.5	7.47	835	8.3	3.37	6.8	--	--	--	--
02/16/98	--	Well dewatered	--	--	--	--	--	--	--	--	--
02/16/98	17:31	3.5	7.49	883	8.6	3.76	5.7	500	43	31	2.6
05/19/98	9:22	1.0	7.15	736	10.9	2.04	-19.3	500	--	--	--
05/19/98	9:24	1.5	7.20	777	11.0	2.01	-19.4	450	--	--	--
05/19/98	--	Well dewatered	--	--	--	--	--	--	--	--	--
05/19/98	12:37	2.5	7.10	760	10.8	1.85	-19	500	21	32	0.13
08/10/98	7:11	1.0	7.10	891	13.6	2.20	1.8	250	--	--	--
08/10/98	7:13	2.0	7.17	812	13.1	1.90	1.0	250	--	--	--
08/10/98	--	Well dewatered	--	--	--	--	--	--	--	--	--
08/10/98	12:00	2.5	7.20	810	13.4	1.85	1.1	275	2.2	49	0.061
11/04/98	10:20	1.0	7.00	1086	13.4	1.30	60	440	7.6	55	0.053
11/04/98	--	Well dewatered		--	--	--	--	--	--	--	--
11/04/98	12:28	1.1	7.10	1076	13.4	--	--	--	--	--	--
03/16/99	Pre-purge	--	--	--	--	1.60	513	--	--	--	--
03/16/99	12:31	1.0	6.60	1087	8.9	--	--	--	--	--	--
03/16/99	12:34	2.0	6.80	1093	10.2	--	--	--	--	--	--
03/16/99	12:39	2.75	6.80	1109	10.5	--	--	--	--	--	--
03/16/99	12:50	--	--	--	--	--	--	180	13	14	0.11
05/18/99	Pre-purge	--	--	--	--	1.10	68	--	--	--	--
05/18/99	13:00	1.0	7.10	990	13.2	--	--	--	--	--	--

Table 3

Field Measurements and Analytical Results

Former Chevron Bulk Plant #206459

Highway 139 at Main Street

Tulelake, California

DATE	Time	Volume (gallons)	pH	Conductivity (µmhos/cm)	Total Temp. °C/°F	DO (mg/L)	ORP (mV)	Alkalinity (ppm)	Nitrate (mg/L)	Sulfate (mg/L)	Ferrous Iron (mg/L)
MW-2 (cont)											
05/18/99	--	Well dewatered	--	--	--	--	--	--	--	--	--
05/18/99	15:30	--	7.20	1000	13.4	--	--	--	--	--	--
05/18/99	15:35	--	--	--	--	--	--	438	6.33	59.2	0.856
09/15/99	Pre-purge	--	--	--	--	1.70	108	--	--	--	--
09/15/99	11:30	0.75	8.80	1280	18.4	--	--	--	--	--	--
09/15/99	11:31	1.5	8.70	1270	18.1	--	--	--	--	--	--
09/15/99	11:32	2.25	8.70	1260	18.0	--	--	--	--	--	--
09/15/99	11:37	--	--	--	--	--	--	483	1.19	330	<1.0
11/30/99	Pre-purge	--	--	--	--	1.20	64	--	--	--	--
11/30/99	10:56	1.0	7.10	1076	11.4	--	--	--	--	--	--
11/30/99	--	Well dewatered	--	--	--	--	--	--	--	--	--
11/30/99	14:36	--	7.00	1029	10.2	--	--	--	--	--	--
11/30/99	14:40	--	--	--	--	--	--				
06/15-16/00	7:28	0.0	--	--	--	1.90	73	--	--	--	--
06/15-16/00	7:30	1.0	8.12	688	11.7	--	--	--	--	--	--
06/15-16/00	7:37	2.0	8.01	639	11.4	--	--	--	--	--	--
06/15-16/00	8:30	3.0	7.98	650	11.2	--	--	510	30	50	0.13
09/11-12/00	12:55	0.0	--	--	--	0.6	183	--	--	--	--
09/11-12/00	13:05	1.5	6.82	742	19.0	--	--	--	--	--	--
09/11-12/00	8:00	2.0	6.73	663	13.1	--	--	--	10.4	43.9	0.0137
11/15-16/00	15:42	0	--	--	--	2.20	91	--	--	--	--
11/15-16/00	15:44	0.75	7.74	951	50.2	--	--	--	--	--	--
11/15-16/00	15:47	1.5	7.69	920	49.8	--	--	--	--	--	--
11/15-16/00	8:20	2.5	7.66	898	50.0	--	--	583	18.2	53.8	0.69
MW-3											
03/19/97	--	--	--	--	--	2.80	84	800	<1.0	<1.0	1.5
06/18/97	--	--	--	--	--	3.00	133	<1.0	<1.0	6,900	4.1
09/03/97	13:58	--	--	--	--	12.08	7.0	700	<1.0	<1.0	3.7

Table 3

Field Measurements and Analytical Results

Former Chevron Bulk Plant #206459

Highway 139 at Main Street

Tulelake, California

DATE	Time	Volume (gallons)	pH	Conductivity (µmhos/cm)	Total Temp. °C/° F	DO (mg/L)	ORP (mV)	Alkalinity (ppm)	Nitrate (mg/L)	Sulfate (mg/L)	Ferrous Iron (mg/L)
MW-3 (cont)											
11/12/97	11:19	--	--	--	--	4.53	28.2	--	--	--	--
11/12/97	11:20	1.0	6.88	237	16.5	4.64	22.8	--	--	--	--
11/12/97	--	Well dewatered		--	--	--	--	--	--	--	--
11/12/97	13:35	2.0	6.80	196	14.9	4.20	11	600	<0.10	0.45	3.1
02/16/98	15:33	--	--	--	10.1	1.32	27.6	--	--	--	--
02/16/98	15:38	1.0	7.09	1218	10.1	1.37	27.5	--	--	--	--
02/16/98	--	Well dewatered	--	--	--	--	--	--	--	--	--
02/16/98	18:15	2.0	7.15	1191	10.0	1.18	25.1	525	<5.0	<5.0	5.9
05/19/98	9:25	1.0	6.76	1042	11.5	0.65	3.3	900	--	--	--
05/19/98	9:26	2.0	7.02	1052	11.6	0.78	3.5	850	--	--	--
05/19/98	--	Well dewatered	--	--	--	--	--	--	--	--	--
05/19/98	12:48	3.0	7.0	1080	11.7	0.85	3.2	900	<1.0	5.9	6.4
08/10/98	9:13	1.0	6.82	1087	16.6	1.50	19.9	800	--	--	--
08/10/98	9:14	2.0	6.95	1145	18.2	2.00	11.4	750	--	--	--
08/10/98	--	Well dewatered	--	--	--	--	--	--	--	--	--
08/10/98	11:40	3.0	6.90	1145	18.3	1.98	11.6	775	<1.0	11	6.4
11/04/98	10:50	1.0	6.70	1219	15.1	0.80	78	710	<1.0	9.7	5.9
11/04/98	--	Well dewatered	--	--	--	--	--	--	--	--	--
11/04/98	13:30	1.0	6.80	1280	15.7	--	--	--	--	--	--
03/16/99	Pre-purge	--	--	--	--	0.70	-58	--	--	--	--
03/16/99	13:20	1.0	7.30	1753	10.3	--	--	--	--	--	--
03/16/99	13:23	2.0	7.30	1691	10.0	--	--	--	--	--	--
03/16/99	--	Well dewatered	--	--	--	--	--	--	--	--	--
03/16/99	14:44	0.0	7.30	1664	9.9	--	--	--	--	--	--
03/16/99	14:50	--	--	--	--	--	--	650	<1.0	3.9	5.3
05/18/99	Pre-purge	--	--	--	--	0.70	-7.0	--	--	--	--
05/18/99	13:33	1.0	6.90	1100	14.5	--	--	--	--	--	--
05/18/99	--	Well dewatered	--	--	--	--	--	--	--	--	--

Table 3

Field Measurements and Analytical Results

Former Chevron Bulk Plant #206459

Highway 139 at Main Street

Tulelake, California

DATE	Time	Volume (gallons)	pH	Conductivity (µmhos/cm)	Total Temp. °C/°F	DO (mg/L)	ORP (mV)	Alkalinity (ppm)	Nitrate (mg/L)	Sulfate (mg/L)	Ferrous Iron (mg/L)
MW-3 (cont)											
05/18/99	16:17	--	7.10	920	14.0	--	--	--	--	--	--
05/18/99	16:25	--	--	--	--	--	--	671	0.352	4.13	4.76
09/15/99	Pre-purge	--	--	--	--	0.70	85	--	--	--	--
09/15/99	12:58	0.75	8.10	1260	19.3	--	--	--	--	--	--
09/15/99	12:59	1.5	8.00	1300	19.0	--	--	--	--	--	--
09/15/99	13:00	2.25	7.90	1320	18.9	--	--	--	--	--	--
09/15/99	13:05	--	--	--	--	--	--	731	<0.1	472	11.5
11/30/99	Pre-purge	--	--	--	--	0.60	-49	--	--	--	--
11/30/99	12:24	0.5	7.40	1796	9.8	--	--	--	--	--	--
11/30/99	12:25	1.0	7.30	1754	9.7	--	--	--	--	--	--
11/30/99	--	Well dewatered	--	--	--	--	--	--	--	--	--
11/30/99	15:17	--	7.20	1721	9.5	--	--	--	--	--	--
11/30/99	15:24	--	--	--	--	--	--	--	--	--	--
06/15-16/00	7:13	0.0	--	--	--	1.22	26	--	--	--	--
06/15-16/00	7:14	1.0	7.30	706	13.2	--	--	--	--	--	--
06/15-16/00	7:20	2.0	7.22	671	12.8	--	--	--	--	--	--
06/15-16/00	8:15	3.0	7.18	680	12.6	--	--	690	<1.0	<1.0	0.21
09/11-12/00	13:53	0.0	--	--	--	0.9	70	--	--	--	--
09/11-12/00	13:58	1.0	6.56	752	19.6	--	--	--	--	--	--
09/11-12/00	8:36	2.25	6.63	702	16.4	--	--	--	--	--	--
09/11-12/00	8:39	3.0	6.46	739	20.4	--	--	--	<.226	<2.0	0.151
11/15-16/00	17:00	0	--	--	--	1.58	44	--	--	--	--
11/15-16/00	17:02	1	7.13	940	54.4	--	--	--	--	--	--
11/15-16/00	17:05	2	7.05	917	53.2	--	--	--	--	--	--
11/15-16/00	8:30	3	7.08	895	54.1	--	--	767	<1.00	<2.00	0.32
MW-4											
03/16/97	--	--	--	--	--	1.80	84	460	<1.0	<1.0	10

Table 3

Field Measurements and Analytical Results

Former Chevron Bulk Plant #206459

Highway 139 at Main Street

Tulelake, California

DATE	Time	Volume (gallons)	pH	Conductivity (µmhos/cm)	Total Temp. °C/°F	DO (mg/L)	ORP (mV)	Alkalinity (ppm)	Nitrate (mg/L)	Sulfate (mg/L)	Ferrous Iron (mg/L)
MW-4 (cont)											
06/18/97	--	--	--	--	--	1.80	-24	<1.0	<1.0	7400	8.2
09/03/97	14:43	--	--	--	--	19.10	12	675	<1.0	5.7	6.7
11/12/97	11:36	--	--	--	13.1	2.85	29	--	--	--	--
11/12/97	11:38	1.0	6.53	175	13.2	6.34	27	--	--	--	--
11/12/97	--	Well dewatered	--	--	--	--	--	--	--	--	--
11/12/97	14:40	2.0	6.75	145	13.5	2.63	15.5	325	<0.10	1.0	7.5
02/16/98	15:55	--	--	--	8.1	3.12	33.8	--	--	--	--
02/16/98	15:58	1.0	6.97	738	8.1	3.10	32.6	--	--	--	--
02/16/98	--	Well dewatered	--	--	--	--	--	--	--	--	--
02/16/98	19:40	2.0	6.98	708	8.4	2.55	33.4	300	<0.10	<0.10	9.1
05/19/98	10:31	1.0	6.75	950	9.7	3.55	5.8	525	--	--	--
05/19/98	10:33	2.0	6.75	975	9.6	3.53	3.3	550	--	--	--
05/19/98	--	Well dewatered	--	--	--	--	--	--	--	--	--
05/19/98	13:34	3.0	6.85	980	9.7	3.50	3.2	500	<1.0	7.7	8.5
08/10/98	9:46	1.0	6.75	592	14.2	2.63	22.9	450	--	--	--
08/10/98	9:47	2.0	6.78	595	14.4	2.08	24	450	--	--	--
08/10/98	--	Well dewatered	--	--	--	--	--	--	--	--	--
08/10/98	11:50	3.0	6.81	590	14.3	2.00	23.9	425	<1.0	2.7	8.0
11/04/98	11:15	1.0	6.50	749	13.0	1.10	-99	390	<1.0	4.0	8.1
11/04/98	--	Well dewatered	--	--	--	--	--	--	--	--	--
11/04/98	14:12	1.0	6.60	753	13.2	--	--	--	--	--	--
03/16/99	Pre-purge	--	--	--	--	1.20	-25	--	--	--	--
03/16/99	14:11	1.0	7.30	771	8.4	--	--	--	--	--	--
03/16/99	14:14	2.0	7.30	758	9.0	--	--	--	--	--	--
03/16/99	--	Well dewatered	--	--	--	--	--	--	--	--	--
03/16/99	15:53	0.00	7.40	791	7.6	--	--	--	--	--	--
03/16/99	15:55	--	--	--	--	--	--	380	<1.0	4.7	10

Table 3

Field Measurements and Analytical Results

Former Chevron Bulk Plant #206459

Highway 139 at Main Street

Tulelake, California

DATE	Time	Volume (gallons)	pH	Conductivity (µmhos/cm)	Total Temp. °C/°F	DO (mg/L)	ORP (mV)	Alkalinity (ppm)	Nitrate (mg/L)	Sulfate (mg/L)	Ferrous Iron (mg/L)
MW-4 (cont)											
05/18/99	Pre-purge	--	--	--	--	0.90	-63	--	--	--	--
05/18/99	14:30	1.0	6.70	820	13.3	--	--	--	--	--	--
05/18/99	--	Well dewatered	--	--	--	--	--	--	--	--	--
05/18/99	17:34	--	6.90	790	12.4	--	--	--	--	--	--
05/18/99	17:40	--	--	--	--	--	--	402	0.294	<1.0	7.52
09/15/99	Pre-purge	--	--	--	--	1.30	76	--	--	--	--
09/15/99	16:12	0.75	8.50	880	18.2	--	--	--	--	--	--
09/15/99	16:13	1.5	8.00	780	17.9	--	--	--	--	--	--
09/15/99	16:14	2.25	7.50	780	17.6	--	--	--	--	--	--
09/15/99	16:20	--	--	--	--	--	--	413	<0.1	313	<1.0
11/30/99	Pre-purge	--	--	--	--	1.10	-43	--	--	--	--
11/30/99	13:25	0.5	7.40	775	9.8	--	--	--	--	--	--
11/30/99	13:26	1.0	7.30	743	9.7	--	--	--	--	--	--
11/30/99	--	Well dewatered	--	--	--	--	--	--	--	--	--
11/30/99	16:17	--	7.20	726	9.5	--	--	--	--	--	--
11/30/99	16:24	--	--	--	--	--	--	--	--	--	--
06/15-16/00	7:00	0.0	--	--	--	1.31	81	--	--	--	--
06/15-16/00	7:01	1.0	6.51	479	13.8	--	--	--	--	--	--
06/15-16/00	7:04	2.0	6.42	455	13.3	--	--	--	--	--	--
06/15-16/00	8:05	3.0	6.44	442	13.0	--	--	430	<1.0	<1.0	8.6
09/11-12/00	15:08	0.0	--	--	--	0.5	77	--	--	--	--
09/11-12/00	15:12	1.0	6.58	517	20.5	--	--	--	--	--	--
09/11-12/00	15:15	2.0	6.41	489	21.2	--	--	--	--	--	--
09/11-12/00	15:30	3.25	6.47	521	25.3	--	--	--	<.226	2.33	1.500
11/15-16/00	9:02	0	--	--	--	1.60	106	--	--	--	--
11/15-16/00	9:04	1	6.70	602	53.1	--	--	--	--	--	--
11/15-16/00	9:06	2	6.66	548	52.5	--	--	--	--	--	--
11/15-16/00	11:00	3	6.61	566	53.0	--	--	400	<1.00	2.52	4.8

Table 3

Field Measurements and Analytical Results

Former Chevron Bulk Plant #206459

Highway 139 at Main Street

Tulelake, California

DATE	Time	Volume (gallons)	pH	Conductivity (µmhos/cm)	Total Temp. °C/°F	DO (mg/L)	ORP (mV)	Alkalinity (ppm)	Nitrate (mg/L)	Sulfate (mg/L)	Ferrous Iron (mg/L)
MW-5											
03/19/97	--	--	--	--	--	2.40	103	720	<1.0	8.5	7.9
06/18/97	--	--	--	--	--	2.20	-1	600	19	13	3.7
09/03/97	14:33	--	--	--	--	12.50	7.0	625	<1.0	<1.0	2.9
11/12/97	11:30	--	--	--	13.5	2.00	18.2	--	--	--	--
11/12/97	11:33	1.0	6.67	205	13.3	1.81	18.4	--	--	--	--
11/12/97	--	Well dewatered	--	--	--	--	--	--	--	--	--
11/12/97	14:26	2.0	6.97	161	11.9	2.99	1.5	650	<0.10	4.0	2.6
02/16/98	16:00	--	--	--	8.3	3.11	22.6	--	--	--	--
02/16/98	16:03	1.0	7.18	584	8.4	3.00	22.5	--	--	--	--
02/16/98	--	Well dewatered	--	--	--	--	--	--	--	--	--
02/16/98	20:16	2.0	7.16	584	8.1	3.15	22.5	600	<0.10	19	5.3
05/19/98	10:48	1.0	6.86	1150	10.2	3.80	-0.1	550	--	--	--
05/19/98	10:50	1.5	6.88	999	10.3	3.64	-1.3	550	--	--	--
05/19/98	--	Well dewatered	--	--	--	--	--	--	--	--	--
05/19/98	13:45	2.5	6.90	1000	10.4	3.50	-1.2	575	4.4	11	5.2
08/10/98	9:55	1.0	6.94	936	13.6	2.43	13.1	800	--	--	--
08/10/98	9:57	2.0	6.94	941	13.8	1.75	12.9	800	--	--	--
08/10/98	9:59	3.0	6.95	940	13.7	1.80	12.9	850	<1.0	9.6	5.9
11/04/98	11:24	1.0	6.60	1163	12.8	0.90	-75	640	<1.0	10	6.3
11/04/98	--	Well dewatered	--	--	--	--	--	--	--	--	--
11/04/98	14:28	1.25	6.60	1180	12.9	--	--	--	--	--	--
03/16/99	Pre-purge	--	--	--	--	0.90	-17	--	--	--	--
03/16/99	14:01	1.0	7.20	881	9.5	--	--	--	--	--	--
03/16/99	14:03	1.5	7.30	1065	9.9	--	--	--	--	--	--
03/16/99	--	Well dewatered	--	--	--	--	--	--	--	--	--
03/16/99	15:41	0.0	7.30	951	9.0	--	--	--	--	--	--
03/16/99	15:45	--	--	--	--	--	--	580	<1.0	5.8	6.4

Table 3

Field Measurements and Analytical Results

Former Chevron Bulk Plant #206459

Highway 139 at Main Street

Tulelake, California

DATE	Time	Volume (gallons)	pH	Conductivity (µmhos/cm)	Total Temp. °C/°F	DO (mg/L)	ORP (mV)	Alkalinity (ppm)	Nitrate (mg/L)	Sulfate (mg/L)	Ferrous Iron (mg/L)
MW-5 (cont)											
05/18/99	Pre-purge	--	--	--	--	0.70	-77	--	--	--	--
05/18/99	13:57	1.0	6.80	1200	13.4	--	--	--	--	--	--
05/18/99	--	Well dewatered	--	--	--	--	--	--	--	--	--
05/18/99	16:52	--	6.90	1000	13.0	--	--	--	--	--	--
05/18/99	16:55	--	--	--	--	--	--	676	0.174	<1.0	3.97
09/15/99	Pre-purge	--	--	--	--	--	85	--	--	--	--
09/15/99	14:15	1.0	8.00	1210	18.9	--	--	--	--	--	--
09/15/99	14:16	2.0	8.00	1260	18.6	--	--	--	--	--	--
09/15/99	14:17	3.0	8.10	1280	18.4	--	--	--	--	--	--
09/15/99	14:20	--	--	--	--	--	--	772	<0.1	498	52.2
11/30/99	Pre-purge	--	--	--	--	1.00	-21	--	--	--	--
11/30/99	13:49	1.0	7.20	896	9.8	--	--	--	--	--	--
11/30/99	13:51	2.0	7.20	1069	9.7	--	--	--	--	--	--
11/30/99	--	Well dewatered	--	--	--	--	--	--	--	--	--
11/30/99	16:38	--	7.20	1054	9.5	--	--	--	--	--	--
11/30/99	16:24	--	--	--	--	--	--	--	--	--	--
06/15-16/00	6:35	0.0	--	--	--	1.16	98	--	--	--	--
06/15-16/00	6:36	1.0	6.63	766	13.8	--	--	--	--	--	--
06/15-16/00	6:39	2.0	6.55	750	13.3	--	--	--	--	--	--
06/15-16/00	7:50	3.0	6.58	728	13.5	--	--	740	<1.0	<1.0	1.2
09/11-12/00	14:53	0.0	--	--	--	0.6	65	--	--	--	--
09/11-12/00	14:57	1.0	6.91	772	18.2	--	--	--	--	--	--
09/11-12/00	10:22	2.25	6.86	699	17.8	--	--	--	<.226	<2.0	0.0773
11/15-19/00	13:40	0	--	--	--	1.35	120	--	--	--	--
11/15-19/00	13:42	0.75	6.54	992	53.8	--	--	--	--	--	--
11/15-19/00	13:45	1.5	6.51	958	53.6	--	--	--	--	--	--
11/15-19/00	15:05	2.5	6.49	933	53.0	--	--	698	<1.00	2.37	4.8

Table 3

Field Measurements and Analytical Results

Former Chevron Bulk Plant #206459

Highway 139 at Main Street

Tulelake, California

DATE	Time	Volume (gallons)	pH	Conductivity (µmhos/cm)	Total Temp. °C/°F	DO (mg/L)	ORP (mV)	Alkalinity (ppm)	Nitrate (mg/L)	Sulfate (mg/L)	Ferrous Iron (mg/L)
MW-6											
03/19/97	--	--	--	--	--	1.70	84	380	<1.0	<1.0	6.1
06/18/97	--	--	--	--	--	2.00	-29	<1.0	<1.0	6300	5.1
09/03/97	14:25	--	--	--	--	19.58	8.0	375	<1.0	<1.0	4.6
11/12/97	11:23	--	--	--	16.8	2.28	21.3	--	--	--	--
11/12/97	11:25	1.0	6.84	196	16.3	3.85	21.5	--	--	--	--
11/12/97	--	Well dewatered	--	--	--	--	--	--	--	--	--
11/12/97	13:50	2.0	6.74	169	14.8	3.00	14.4	300	<0.1	3.0	5.2
02/16/98	15:45	--	--	--	9.4	2.00	26.8	--	--	--	--
02/16/98	15:50	1.0	7.11	751	10.0	2.00	26.7	--	--	--	--
02/16/98	--	Well dewatered	--	--	--	--	--	--	--	--	--
02/16/98	18:50	2.0	7.11	737	10.0	1.45	26.4	400	<0.1	<0.1	6.7
05/19/98	10:10	1.0	7.09	798	11.7	1.76	-12.8	525	--	--	--
05/19/98	10:32	1.5	7.21	767	11.8	2.00	-19.6	550	--	--	--
05/19/98	--	Well dewatered	--	--	--	--	--	--	--	--	--
05/19/98	13:15	2.5	7.09	752	11.7	1.85	-18.3	550	<1.0	5.4	6.0
08/10/98	9:31	1.0	6.95	803	15.1	2.50	8.7	--	--	--	--
08/10/98	9:32	2.0	6.82	744	17.2	1.47	19.6	400	--	--	--
08/10/98	--	Well dewatered	--	--	--	--	--	--	--	--	--
08/10/98	11:20	3.0	6.90	745	18.0	1.50	19.4	350	<1.0	2.2	6.5
11/04/98	10:57	1.0	6.60	840	15.2	0.60	-91	340	<1.0	10	5.6
11/04/98	--	Well dewatered	--	--	--	--	--	--	--	--	--
11/04/98	13:45	1.75	6.60	831	15.2	--	--	--	--	--	--
03/16/99	Pre-purge	--	--	--	--	1.00	-5.0	--	--	--	--
03/16/99	13:41	1.3	7.30	1106	10.1	--	--	--	--	--	--
03/16/99	13:43	3.5	7.30	1017	10.3	--	--	--	--	--	--
03/16/99	--	Well dewatered	--	--	--	--	--	--	--	--	--
03/16/99	15:14	0.0	7.30	1051	10.0	--	--	--	--	--	--
03/16/99	15:20	--	--	--	--	--	--	370	<1.0	3.5	7.3

Table 3

Field Measurements and Analytical Results

Former Chevron Bulk Plant #206459

Highway 139 at Main Street

Tulelake, California

DATE	Time	Volume (gallons)	pH	Conductivity (µmhos/cm)	Total Temp. °C/°F	DO (mg/L)	ORP (mV)	Alkalinity (ppm)	Nitrate (mg/L)	Sulfate (mg/L)	Ferrous Iron (mg/L)
MW-6 (cont)											
05/18/99	Pre-purge	--	--	--	--	0.50	-101	--	--	--	--
05/18/99	13:46	1.0	7.00	680	14.9	--	--	--	--	--	--
05/18/99	--	Well dewatered	--	--	--	--	--	--	--	--	--
05/18/99	16:36	--	7.10	640	14.1	--	--	--	--	--	--
05/18/99	16:40	--	--	--	--	--	--	370	0.378	<1.0	14.2
09/15/99	Pre-purge	--	--	--	--	1.10	73	--	--	--	--
09/15/99	14:40	1.0	8.10	830	16.7	--	--	--	--	--	--
09/15/99	14:42	2.0	8.00	830	16.7	--	--	--	--	--	--
09/15/99	14:44	3.0	8.00	830	16.5	--	--	--	--	--	--
09/15/99	14:50	--	--	--	--	--	--	388	<0.1	266	34.9
11/30/99	Pre-purge	--	--	--	--	1.20	-13	--	--	--	--
11/30/99	13:06	1.0	7.30	1273	9.8	--	--	--	--	--	--
11/30/99	13:08	2.0	7.30	1254	9.5	--	--	--	--	--	--
11/30/99	--	Well dewatered	--	--	--	--	--	--	--	--	--
11/30/99	15:56	--	7.30	1243	9.4	--	--	--	--	--	--
11/30/99	16:00	--	--	--	--	--	--	--	--	--	--
06/15-16/00	16:25	0.0	--	--	--	1.25	103	--	--	--	--
06/15-16/00	16:27	1.0	6.73	556	15.2	--	--	--	--	--	--
06/15-16/00	16:31	2.0	6.67	520	14.8	--	--	--	--	--	--
06/15-16/00	17:30	3.0	6.64	503	14.6	--	--	450	<1.0	<1.0	0.79
09/11-12/00	17:03	0.0	--	--	--	0.8	45	--	--	--	--
09/11-12/00	17:07	1.0	6.64	544	20.9	--	--	--	--	--	--
09/11-12/00	17:12	2.25	6.55	528	20.5	--	--	--	--	--	--
09/11-12/00	14:37	3.50	6.56	555	23.7	--	--	--	<.226	<2.0	2.800
11/15-16/00	13:54	0	--	--	--	1.41	96	--	--	--	--
11/15-16/00	13:56	1	6.78	681	52.8	--	--	--	--	--	--
11/15-16/00	13:59	2	6.75	650	52.5	--	--	--	--	--	--
11/15-16/00	15:10	3	6.70	639	52.6	--	--	383	<1.00	2.12	5.4

Table 3

Field Measurements and Analytical Results

Former Chevron Bulk Plant #206459

Highway 139 at Main Street

Tulelake, California

DATE	Time	Volume (gallons)	pH	Conductivity (µmhos/cm)	Total Temp. °C/°F	DO (mg/L)	ORP (mV)	Alkalinity (ppm)	Nitrate (mg/L)	Sulfate (mg/L)	Ferrous Iron (mg/L)
MW-7											
03/19/97	--	--	--	--	--	1.70	74	700	<1.0	<1.0	4.3
06/18/97	--	--	--	--	--	1.80	-52	630	<1.0	<1.0	2.8
09/03/97	14:14	--	--	--	--	12.35	4.0	775	<1.0	2.5	2.8
11/12/97	11:26	--	--	--	13.6	1.85	23.1	--	--	--	--
11/12/97	11:28	1.0	6.70	209	13.6	5.80	19.4	--	--	--	--
11/12/97	--	Well dewatered	--	--	--	--	--	--	--	--	--
11/12/97	14:07	2.0	6.84	179	12.9	4.75	9.2	575	<0.1	0.55	2.2
02/16/98	15:53	--	--	--	8.0	2.00	16.9	--	--	--	--
02/16/98	15:56	1.0	7.28	1018	8.1	1.67	16.8	--	--	--	--
02/16/98	--	Well dewatered	--	--	--	--	--	--	--	--	--
02/16/98	19:20	2.0	7.28	1027	8.1	1.85	17.9	550	<0.1	<0.1	4.5
05/19/98	10:03	1.1	7.08	1033	10.2	2.14	-13.2	725	--	--	--
05/19/98	10:05	2.2	7.30	1020	10.3	3.35	-22.8	700	--	--	--
05/19/98	--	Well dewatered	--	--	--	--	--	--	--	--	--
05/19/98	13:00	3.0	7.15	1030	11.0	3.00	-23	675	<1.0	6.4	3.5
08/10/98	9:26	1.0	7.02	949	13.6	1.35	8.18	650	--	--	--
08/10/98	9:27	2.0	7.06	975	14.1	1.27	7.11	625	--	--	--
08/10/98	--	Well dewatered	--	--	--	--	--	--	--	--	--
08/10/98	11:10	3.0	7.08	900	15.0	1.53	7.23	600	<1.0	9.1	3.6
11/04/98	11:06	0.75	6.80	1191	12.6	1.00	-93	600	<1.0	14	4.3
11/04/98	--	Well dewatered	--	--	--	--	--	--	--	--	--
11/04/98	14:00	1.1	6.70	1181	12.8	--	--	--	--	--	--
03/16/99	Pre-purge	--	--	--	--	1.10	-8.0	--	--	--	--
03/16/99	13:49	1.0	7.40	1081	9.2	--	--	--	--	--	--
03/16/99	13:53	2.0	7.40	1093	9.0	--	--	--	--	--	--
03/16/99	--	Well dewatered	--	--	--	--	--	--	--	--	--
03/16/99	15:28	0.0	7.40	1073	8.9	--	--	--	--	--	--
03/16/99	15:35	--	--	--	--	--	--	550	<1.0	4.3	4.3

Table 3

Field Measurements and Analytical Results

Former Chevron Bulk Plant #206459

Highway 139 at Main Street

Tulelake, California

DATE	Time	Volume (gallons)	pH	Conductivity (µmhos/cm)	Total Temp. °C/°F	DO (mg/L)	ORP (mV)	Alkalinity (ppm)	Nitrate (mg/L)	Sulfate (mg/L)	Ferrous Iron (mg/L)
MW-7 (cont)											
05/18/99	Pre-purge	--	--	--	--	0.90	-87	--	--	--	--
05/18/99	14:10	0.75	6.70	1000	12.8	--	--	--	--	--	--
05/18/99	--	Well dewatered	--	--	--	--	--	--	--	--	--
05/18/99	17:03	--	6.70	1100	12.7	--	--	--	--	--	--
05/18/99	17:05	--	--	--	--	--	--	97	0.187	7.04	3.17
09/15/99	Pre-purge	--	--	--	--	1.20	83	--	--	--	--
09/15/99	15:12	0.75	8.40	1040	19.2	--	--	--	--	--	--
09/15/99	15:13	1.5	8.30	1110	19.0	--	--	--	--	--	--
09/15/99	15:14	2.25	8.30	1110	18.8	--	--	--	--	--	--
09/15/99	15:18	--	--	--	--	--	--	516	0.11	401	25.8
11/30/99	Pre-purge	--	--	--	--	1.00	-12	--	--	--	--
11/30/99	10:17	1.0	7.40	1079	9.2	--	--	--	--	--	--
11/30/99	10:18	2.0	7.40	1053	9.0	--	--	--	--	--	--
11/30/99	--	Well dewatered	--	--	--	--	--	--	--	--	--
11/30/99	10:35	--	7.40	1043	8.9	--	--	--	--	--	--
11/30/99	10:35	--	--	--	--	--	--	--	--	--	--
06/15-16/00	15:55	0.0	--	--	--	1.40	81	--	--	--	--
06/15-16/00	15:57	1.0	7.15	693	16.3	--	--	--	--	--	--
06/15-16/00	16:00	2.0	7.11	640	16.0	--	--	--	--	--	--
06/15-16/00	17:05	3.0	7.08	656	15.6	--	--	580	<1.0	<1.0	0.23
09/11-12/00	16:24	0.0	--	--	--	0.6	24	--	--	--	--
09/11-12/00	16:29	1.0	6.78	632	19.6	--	--	--	--	--	--
09/11-12/00	13:30	2.0	7.12	616	21.2	--	--	--	--	--	--
09/11-12/00	13:46	3.1	6.74	606	24.1	--	--	--	<.226	<2.0	0.152
11/15-16/00	14:10	0	--	--	--	1.72	107	--	--	--	--
11/15-16/00	14:12	1	6.98	774	54.0	--	--	--	--	--	--
11/15-16/00	14:15	2	6.91	742	53.6	--	--	--	--	--	--
11/15-16/00	15:15	3	6.93	728	53.8	--	--	283	<1.00	3.53	1.8

Table 3

Field Measurements and Analytical Results

Former Chevron Bulk Plant #206459

Highway 139 at Main Street

Tulelake, California

DATE	Time	Volume (gallons)	pH	Conductivity (µmhos/cm)	Total Temp. °C/°F	DO (mg/L)	ORP (mV)	Alkalinity (ppm)	Nitrate (mg/L)	Sulfate (mg/L)	Ferrous Iron (mg/L)
MW-8											
03/19/97	--	--	--	--	--	1.60	82	380	<1.0	<1.0	3.3
06/18/97	--	--	--	--	--	1.80	-14	240	<1.0	5.7	3.3
09/03/97	13:47	--	--	--	--	9.00	-7.0	225	<1.0	1.5	2.7
11/12/97	11:09	--	--	--	15.4	2.30	24.6	--	--	--	--
11/12/97	11:14	1.5	6.71	235	15.3	6.19	17.2	--	--	--	--
11/12/97	--	Well dewatered	--	--	--	--	--	--	--	--	--
11/12/97	13:15	2.5	6.78	199	14.8	3.44	12.7	375	<0.1	6.4	3.4
02/16/98	15:25	--	--	--	9.8	1.85	31.8	--	--	--	--
02/16/98	15:30	1.0	7.01	1410	10.7	1.06	31	--	--	--	--
02/16/98	--	Well dewatered	--	--	--	--	--	--	--	--	--
02/16/98	17:55	2.0	8.05	1380	11.4	0.89	29.8	400	<5.0	9.5	4.8
05/19/98	9:37	1.4	6.92	1006	12.1	0.75	-2.0	350	--	--	--
05/19/98	9:39	2.8	6.88	923	12.3	0.68	-1.4	300	--	--	--
05/19/98	9:41	4.2	6.89	920	12.2	0.70	-1.5	325	<1.0	6.2	3.0
08/10/98	8:09	1.3	6.67	1068	14.1	1.00	26.1	250	--	--	--
08/10/98	8:11	3.6	6.83	975	13.4	0.47	19.7	250	--	--	--
08/10/98	8:12	3.9	6.92	932	13.1	0.58	13.8	275	--	--	--
08/10/98	8:14	4.0	6.90	934	13.2	0.60	14	275	<1.0	3.9	0.017
11/04/98	10:33	1.0	6.60	1172	14.9	0.30	-46	240	<1.0	14	5.8
11/04/98	--	Well dewatered	--	--	--	--	--	--	--	--	--
11/04/98	11:59	1.75	6.70	1122	14.6	--	--	--	--	--	--
03/16/99	Pre-purge	--	--	--	--	0.60	502	--	--	--	--
03/16/99	13:10	1.25	6.40	1152	10.8	--	--	--	--	--	--
03/16/99	13:14	2.5	6.20	1117	11.2	--	--	--	--	--	--
03/16/99	--	Well dewatered	--	--	--	--	--	--	--	--	--
03/16/99	14:34	0.0	6.50	1148	10.6	--	--	--	--	--	--
03/16/99	14:35	--	--	--	--	--	--	240	<1.0	5.2	7.4

Table 3

Field Measurements and Analytical Results

Former Chevron Bulk Plant #206459

Highway 139 at Main Street

Tulelake, California

DATE	Time	Volume (gallons)	pH	Conductivity (µmhos/cm)	Total Temp. °C/°F	DO (mg/L)	ORP (mV)	Alkalinity (ppm)	Nitrate (mg/L)	Sulfate (mg/L)	Ferrous Iron (mg/L)
MW-8 (cont)											
05/18/99	Pre-purge	--	--	--	--	0.40	-31	--	--	--	--
05/18/99	13:11	1.25	6.80	1000	14.3	--	--	--	--	--	--
05/18/99	--	Well dewatered	--	--	--	--	--	--	--	--	--
05/18/99	15:46	--	6.90	940	13.9	--	--	--	--	--	--
05/18/99	15:50	--	--	--	--	--	--	245	0.141	2.18	18.7
09/15/99	Pre-purge	--	--	--	--	0.80	116	--	--	--	--
09/15/99	12:31	1.0	7.50	1180	17.6	--	--	--	--	--	--
09/15/99	12:32	2.0	7.90	1160	17.4	--	--	--	--	--	--
09/15/99	12:33	3.0	8.00	1170	17.4	--	--	--	--	--	--
09/15/99	12:35	--	--	--	--	--	--	327	0.28	268	26.4
11/30/99	Pre-purge	--	--	--	--	0.70	517	--	--	--	--
11/30/99	12:07	1.0	6.70	1179	9.8	--	--	--	--	--	--
11/30/99	12:08	2.0	6.50	1154	9.7	--	--	--	--	--	--
11/30/99	--	Well dewatered	--	--	--	--	--	--	--	--	--
11/30/99	14:53	--	6.50	1129	9.5	--	--	--	--	--	--
11/30/99	15:00	--	--	--	--	--	--	--	--	--	--
06/15-16/00	16:10	0.0	--	--	--	1.01	135	--	--	--	--
06/15-16/00	16:12	1.25	6.84	692	15.1	--	--	--	--	--	--
06/15-16/00	16:16	2.5	6.75	652	14.6	--	--	--	--	--	--
06/15-16/00	17:15	3.5	6.79	669	14.3	--	--	330	<1.0	<1.0	0.21
09/11-12/00	16:43	0.0	--	--	--	0.6	7	--	--	--	--
09/11-12/00	16:48	1.25	6.66	698	22.3	--	--	--	--	--	--
09/11-12/00	16:51	2.50	6.60	654	20.4	--	--	--	--	--	--
09/11-12/00	16:55	3.75	6.62	654	20.6	--	--	--	<.226	2.320	0.598
11/15-16/00	14:26	0	--	--	--	1.36	114	--	--	--	--
11/15-16/00	14:28	1	6.93	860	54.2	--	--	--	--	--	--
11/15-16/00	14:31	2	6.84	841	53.6	--	--	--	--	--	--
11/15-16/00	15:22	3	6.87	818	53.9	--	--	316	<1.00	2.47	2.1

Table 3

Field Measurements and Analytical Results

Former Chevron Bulk Plant #206459

Highway 139 at Main Street

Tulelake, California

DATE	Time	Volume (gallons)	pH	Conductivity (µmhos/cm)	Total Temp. °C/°F	DO (mg/L)	ORP (mV)	Alkalinity (ppm)	Nitrate (mg/L)	Sulfate (mg/L)	Ferrous Iron (mg/L)
MW-9											
05/19/98	11:12	1.2	7.19	1360	11.4	2.63	-17.6	550	--	--	--
05/19/98	11:14	3.0	7.24	1390	11.4	3.79	-20.7	500	--	--	--
05/19/98	11:18	6.0	7.26	1370	11.4	3.68	-21	550	43	44	0.37
08/10/98	8:32	1.0	7.23	1039	14.5	0.74	-2.3				
08/10/98	8:33	2.0	7.25	1098	13.4	0.98	-3.6	650	--	--	--
08/10/98	8:34	3.0	7.25	1099	13.6	1.01	-3.5	625	--	--	--
08/10/98	8:36	3.5	7.25	1097	13.5	1.00	-3.5	650	17	40	0.36
11/04/98	10:28	0.75	7.00	1109	12.7	0.90	-1.0	610	<1.0	41	1.1
11/04/98	--	Well dewatered	--	--	--	--	--	--	--	--	--
11/04/98	12:45	1.25	6.90	1234	13.0	--	--	--	--	--	--
03/16/99	Pre-purge	--	--	--	--	0.80	504	--	--	--	--
03/16/99	12:59	1.0	6.80	1033	9.6	--	--	--	--	--	--
03/16/99	13:01	2.0	6.90	997	10.1	--	--	--	--	--	--
03/16/99	--	Well dewatered	--	--	--	--	--	--	--	--	--
03/16/99	14:20	0.00	6.60	983	12.1	--	--	--	--	--	--
03/16/99	14:25	--	--	--	--	--	--	450	42	47	11
05/18/99	Pre-purge	--	--	--	--	0.80	-21	--	--	--	--
05/18/99	14:19	1.0	7.20	1000	13.1	--	--	--	--	--	--
05/18/99	--	Well dewatered	--	--	--	--	--	--	--	--	--
05/18/99	17:15	--	7.10	920	12.7	--	--	--	--	--	--
05/18/99	17:20	--	--	--	--	--	--	122	0.181	41.8	0.275
09/15/99	Pre-purge	--	--	--	--	0.80	59	--	--	--	--
09/15/99	15:37	1.0	8.70	1050	19.6	--	--	--	--	--	--
09/15/99	15:38	2.0	8.50	1130	19.4	--	--	--	--	--	--
09/15/99	15:39	2.5	8.50	1180	19.3	--	--	--	--	--	--
09/15/99	15:44	--	--	--	--	--	--	639	0.19	200	4.9
11/30/99	Pre-purge	--	--	--	--	0.90	529	--	--	--	--
11/30/99	11:35	1.0	6.90	1045	9.6	--	--	--	--	--	--
11/30/99	11:36	1.5	6.90	1039	10.1	--	--	--	--	--	--

Table 3

Field Measurements and Analytical Results

Former Chevron Bulk Plant #206459

Highway 139 at Main Street

Tulelake, California

DATE	Time	Volume (gallons)	pH	Conductivity (µmhos/cm)	Total Temp. °C/°F	DO (mg/L)	ORP (mV)	Alkalinity (ppm)	Nitrate (mg/L)	Sulfate (mg/L)	Ferrous Iron (mg/L)
MW-9 (cont)											
11/30/99	11:37	2.1	6.70	989	10.0	--	--	--	--	--	--
11/30/99	11:50	--	--	--	--	--	--	--	--	--	--
06/15-16/00	15:40	0.0	--	--	--	1.09	78	--	--	--	--
06/15-16/00	15:42	1.0	7.93	740	17.8	--	--	--	--	--	--
06/15-16/00	15:46	2.0	7.84	728	17.4	--	--	--	--	--	--
06/15-16/00	16:55	2.75	7.86	711	17.2	--	--	670	1.6	29	0.015
09/11-12/00	16:05	0.0	--	--	--	0.7	168	--	--	--	--
09/11-12/00	16:08	0.75	6.51	650	22.7	--	--	--	--	--	--
09/11-12/00	16:11	1.50	6.59	681	20.7	--	--	--	--	--	--
09/11-12/00	16:14	2.25	6.65	673	20.5	--	--	--	4.15	44.7	0.0118
11/15-16/00	14:45	0	--	--	--	1.30	102	--	--	--	--
11/15-16/00	14:47	0.75	7.61	890	56.4	--	--	--	--	--	--
11/15-16/00	14:50	1.5	7.55	828	55.7	--	--	--	--	--	--
11/15-16/00	15:29	2.5	7.58	845	55.9	--	--	602	<1.00	23.9	0.19
MW-10											
09/19/97	--	--	--	--	--	2.40	26	240	220	84	0.48
06/18/97	--	--	--	--	--	2.20	59	<1.0	180	3700	0.24
09/03/97	12:39	--	--	--	--	2.50	-4.0	250	190	96	0.062
11/12/97	10:20	--	--	--	15.7	6.30	8.8	--	--	--	--
11/12/97	10:24	1.0	6.84	227	15.2	7.06	4.1	--	--	--	--
11/12/97	--	Well dewatered	--	--	--	--	--	--	--	--	--
11/12/97	12:30	2.0	7.10	200	14.6	4.90	-6.0	150	<0.1	87	0.064
02/16/98	14:55	--	--	--	9.8	3.81	30.9	--	--	--	--
02/16/98	15:00	1.0	7.01	942	9.7	3.80	29.8	--	--	--	--
02/16/98	--	Well dewatered	--	--	--	--	--	--	--	--	--
02/16/98	16:33	2.0	7.03	859	9.7	3.30	30.2	175	250	64	0.069

Table 3

Field Measurements and Analytical Results

Former Chevron Bulk Plant #206459

Highway 139 at Main Street

Tulelake, California

DATE	Time	Volume (gallons)	pH	Conductivity (µmhos/cm)	Total Temp. °C/°F	DO (mg/L)	ORP (mV)	Alkalinity (ppm)	Nitrate (mg/L)	Sulfate (mg/L)	Ferrous Iron (mg/L)
MW-10 (cont)											
05/19/98	8:24	1.5	7.05	785	11.3	3.51	-12.0	200	--	--	--
05/19/98	8:26	2.0	7.04	736	11.3	4.80	-11.4	200	--	--	--
05/19/98	--	Well dewatered	--	--	--	--	--	--	--	--	--
05/19/98	11:58	3.0	7.00	735	11.8	3.50	-11.4	250	170	52	0.18
08/10/98	7:04	1.0	7.47	630	14.8	2.74	-13.4	--	--	--	--
08/10/98	7:05	2.0	7.30	640	14.8	3.20	-7.7	250	--	--	--
08/10/98	--	Well dewatered	--	--	--	--	--	--	--	--	--
08/10/98	10:52	3.0	7.35	650	15.0	2.83	-7.7	275	150	58	0.039
11/04/98	9:51	1.0	7.20	1188	12.8	1.10	63	260	120	58	0.12
11/04/98	--	Well dewatered	--	--	--	--	--	--	--	--	--
11/04/98	11:43	1.0	7.10	918	12.7	--	--	--	--	--	--
03/16/99	Pre-purge	--	--	--	--	1.30	501	--	--	--	--
03/16/99	11:14	1.0	7.40	998	10.2	--	--	--	--	--	--
03/16/99	11:16	2.0	7.40	952	10.8	--	--	--	--	--	--
03/16/99	11:18	2.75	7.40	913	11.3	--	--	--	--	--	--
03/16/99	11:25	--	--	--	--	--	--	190	210	57	0.47
05/18/99	Pre-purge	--	--	--	--	0.90	55	--	--	--	--
05/18/99	12:25	1.0	7.30	900	13.9	--	--	--	--	--	--
05/18/99	--	Well dewatered	--	--	--	--	--	--	--	--	--
05/18/99	14:55	--	7.20	880	13.4	--	--	--	--	--	--
05/18/99	15:00	--	--	--	--	--	--	236	18.5	34.1	0.275
09/15/99	Pre-purge	--	--	--	--	1.10	118	--	--	--	--
09/15/99	9:45	1.0	8.10	790	16.2	--	--	--	--	--	--
09/15/99	9:46	2.0	8.10	800	15.8	--	--	--	--	--	--
09/15/99	9:47	2.5	8.10	810	15.5	--	--	--	--	--	--
09/15/99	9:50	--	--	--	--	--	--	245	24.8	261	<1.0
11/30/99	Pre-purge	--	--	--	--	1.20	489	--	--	--	--
11/30/99	9:36	1.0	7.40	1029	9.8	--	--	--	--	--	--

Table 3

Field Measurements and Analytical Results

Former Chevron Bulk Plant #206459

Highway 139 at Main Street

Tulelake, California

DATE	Time	Volume (gallons)	pH	Conductivity (µmhos/cm)	Total Temp. °C/°F	DO (mg/L)	ORP (mV)	Alkalinity (ppm)	Nitrate (mg/L)	Sulfate (mg/L)	Ferrous Iron (mg/L)
MW-10 (cont)											
11/30/99	9:37	2.0	7.40	1011	9.7	--	--	--	--	--	--
11/30/99	9:38	2.5	7.30	998	9.5	--	--	--	--	--	--
11/30/99	9:45	--	--	--	--	--	--	--	--	--	--
06/15-16/00	8:43	0.0	--	--	--	1.63	124	--	--	--	--
06/15-16/00	8:44	1.0	7.42	490	14.5	--	--	--	--	--	--
06/15-16/00	8:46	2.0	7.35	473	14.2	--	--	--	--	--	--
06/15-16/00	10:15	3.0	7.31	456	13.8	--	--	260	110	35	0.088
09/11-12/00	14:14	0.0	--	--	--	1.0	156	--	--	--	--
09/11-12/00	14:18	1.0	6.94	517	18.6	--	--	--	--	--	--
09/11-12/00	11:10	2.0	6.92	516	19.9	--	--	--	29.3	59.2	0.0144
11/15-16/00	11:20	0	--	--	--	1.45	160	--	--	--	--
11/15-16/00	11:22	1	7.21	630	52.4	--	--	--	--	--	--
11/15-16/00	11:25	2	7.18	612	52.0	--	--	--	--	--	--
11/15-16/00	12:30	3	7.14	645	52.2	--	--	311	96.7	47.4	1.0
MW-11											
03/19/97	--	--	--	--	--	3.90	12	460	570	730	0.03
06/18/97	--	--	--	--	--	2.00	81	<1.0	480	6800	<0.01
09/03/97	12:53	--	--	--	--	15.35	-20	375	530	800	0.044
11/12/97	10:32	--	--	--	13.1	6.06	4.1	--	--	--	--
11/12/97	10:34	1.5	7.10	282	13.1	7.40	-7.1	--	--	--	--
11/12/97	--	Well dewatered	--	--	--	--	--	--	--	--	--
11/12/97	12:45	2.0	7.33	252	13.6	4.46	-18.7	337	490	720	0.019
02/16/98	14:45	--	--	--	9.0	3.36	62.4	--	--	--	--
02/16/98	14:50	1.5	6.41	2450	8.8	3.36	60.4	--	--	--	--
02/16/98	--	Well dewatered	--	--	--	--	--	--	--	--	--
02/16/98	16:10	2.5	7.36	2390	8.1	3.28	12.5	350	500	660	1.0

Table 3

Field Measurements and Analytical Results

Former Chevron Bulk Plant #206459

Highway 139 at Main Street

Tulelake, California

DATE	Time	Volume (gallons)	pH	Conductivity (µmhos/cm)	Total Temp. °C/°F	DO (mg/L)	ORP (mV)	Alkalinity (ppm)	Nitrate (mg/L)	Sulfate (mg/L)	Ferrous Iron (mg/L)
MW-11 (cont)											
05/19/98	8:16	1.3	7.40	2070	9.7	3.71	-13.8	450	--	--	--
05/19/98	8:17	2.0	7.46	2050	9.7	7.68	-36.7	400	--	--	--
05/19/98	--	Well dewatered	--	--	--	--	--	--	--	--	--
05/19/98	11:50	3.0	7.50	2000	9.8	3.85	-37	400	380	640	0.039
08/10/98	6:51	1.0	7.70	2250	12.3	9.10	-30.3	--	--	--	--
08/10/98	6:53	2.0	7.88	2260	12.5	8.35	-35.6	--	--	--	--
08/10/98	--	Well dewatered	--	--	--	--	--	--	--	--	--
08/10/98	10:35	3.0	7.90	2230	12.8	7.25	-36.2	275	390	750	0.042
11/04/98	9:45	1.0	7.10	2614	9.8	1.80	118	450	380	800	0.041
11/04/98	--	Well dewatered	--	--	--	--	--	--	--	--	--
11/04/98	11:30	1.0	7.20	2587	11.0	--	--	--	--	--	--
03/16/99	Pre-purge	--	--	--	--	1.40	509	--	--	--	--
03/16/99	11:05	1.0	7.50	2027	6.4	--	--	--	--	--	--
03/16/99	11:07	2.0	7.40	2017	7.9	--	--	--	--	--	--
03/16/99	--	Well dewatered	--	--	--	--	--	--	--	--	--
03/16/99	11:34	2.25	7.40	1999	8.1	--	--	--	--	--	--
03/16/99	11:35	--	--	--	--	--	--	400	300	500	0.022
05/18/99	Pre-purge	--	--	--	--	1.50	107	--	--	--	--
05/18/99	12:14	1.25	7.20	980	12.7	--	--	--	--	--	--
05/18/99	--	Well dewatered	--	--	--	--	--	--	--	--	--
05/18/99	14:40	--	7.20	1000	12.4	--	--	--	--	--	--
05/18/99	14:45	--	--	--	--	--	--	423	55.8	542	0.155
11/30/99	Pre-purge	--	--	--	--	1.20	510	--	--	--	--
11/30/99	9:56	1.0	7.50	2089	9.8	--	--	--	--	--	--
11/30/99	9:57	1.5	7.40	2067	9.7	--	--	--	--	--	--
11/30/99	9:58	2.1	7.40	2054	9.5	--	--	--	--	--	--
11/30/99	9:45	--	--	--	--	--	--				
06/15-16/00	9:00	0.0	--	--	--	1.80	104	--	--	--	--
06/15-16/00	9:02	1.25	6.90	1,080	13.5	--	--	--	--	--	--

Table 3

Field Measurements and Analytical Results

Former Chevron Bulk Plant #206459

Highway 139 at Main Street

Tulelake, California

DATE	Time	Volume (gallons)	pH	Conductivity (µmhos/cm)	Total Temp. °C/°F	DO (mg/L)	ORP (mV)	Alkalinity (ppm)	Nitrate (mg/L)	Sulfate (mg/L)	Ferrous Iron (mg/L)
MW-11 (cont)											
06/15-16/00	9:05	2.5	6.81	1,036	12.7	--	--	--	--	--	--
06/15-16/00	10:18	3.5	6.78	1,013	12.9	--	--	470	250	410	<0.010
09/11-12/00	14:40	0.0	--	--	--	1.1	156	--	--	--	--
09/11-12/00	14:43	1.0	6.67	1,107	18.1	--	--	--	--	--	--
09/11-12/00	11:42	2.25	6.74	837	18.7	--	--	--	--	--	--
09/11-12/00	11:45	3.0	6.95	849	18.2	--	--	--	28.6	30.1	<0.010
11/15-16/00	11:45	0	--	--	--	1.66	92	--	--	--	--
11/15-16/00	11:48	1.5	6.84	1005	52.5	--	--	--	--	--	--
11/15-16/00	11:56	2.5	6.80	980	52.1	--	--	--	--	--	--
11/15-16/00	12:40	3.5	6.75	956	52.4	--	--	454	90.7	314	0.15
MW-12											
03/19/97	--	--	--	--	--	3.90	2.0	200	25	44	0.084
06/18/97	--	--	--	--	--	2.20	-72.0	<1.0	59	6100	0.057
09/03/97	13:22	--	--	--	--	5.60	-19.0	200	23	56	0.064
11/12/97	10:44	--	--	--	13.6	4.40	-5.8	--	--	--	--
11/12/97	10:48	1.2	7.10	185	13.3	3.34	-5.3	--	--	--	--
11/12/97	--	Well dewatered	--	--	--	--	--	--	--	--	--
11/12/97	13:05	2.0	7.44	168	13.1	5.96	-25.4	150	8.2	46	0.05
02/16/98	15:12	--	--	--	6.7	3.51	5.8	--	--	--	--
02/16/98	15:17	1.5	1.49	691	6.5	3.05	1.7	--	--	--	--
02/16/98	--	Well dewatered	--	--	--	--	--	--	--	--	--
02/16/98	17:19	2.5	7.57	651	6.6	3.50	1.5	200	20	30	0.23
05/19/98	9:00	1.3	7.44	264	10.0	1.28	-32.1	125	--	--	--
05/19/98	9:02	2.0	7.40	270	10.0	1.40	-30.0	100	--	--	--
05/19/98	--	Well dewatered	--	--	--	--	--	--	--	--	--
05/19/98	12:10	2.5	7.38	300	11.2	1.38	-30.2	125	5.7	23	0.41

Table 3

Field Measurements and Analytical Results

Former Chevron Bulk Plant #206459

Highway 139 at Main Street

Tulelake, California

DATE	Time	Volume (gallons)	pH	Conductivity (µmhos/cm)	Total Temp. °C/°F	DO (mg/L)	ORP (mV)	Alkalinity (ppm)	Nitrate (mg/L)	Sulfate (mg/L)	Ferrous Iron (mg/L)
MW-12 (cont)											
08/10/98	7:51	1.2	7.47	224	15.4	1.93	-15.6	250	--	--	--
08/10/98	7:53	2.4	7.47	228	15.3	1.95	-14.0	225	--	--	--
08/10/98	7:55	3.6	7.46	226	15.4	1.95	-14.0	250	<1.0	8.9	0.11
11/04/98	10:03	1.0	7.20	378	12.7	1.70	51.0	150	7.9	22	0.27
11/04/98	--	Well dewatered	--	--	--	--	--	--	--	--	--
11/04/98	11:57	1.25	7.20	370	12.8	--	--	--	--	--	--
03/16/99	Pre-purge	--	--	--	--	1.00	487	--	--	--	--
03/16/99	12:04	1.25	6.90	831	7.9	--	--	--	--	--	--
03/16/99	12:06	2.5	6.90	758	8.7	--	--	--	--	--	--
03/16/99	12:09	3.75	6.80	731	8.8	--	--	--	--	--	--
03/16/99	12:20	--	--	--	--	--	--	89	1.7	13	0.89
05/18/99	Pre-purge	--	--	--	--	1.20	28	--	--	--	--
05/18/99	12:49	1.0	7.10	400	12.9	--	--	--	--	--	--
05/18/99	--	Well dewatered	--	--	--	--	--	--	--	--	--
05/18/99	15:17	--	7.20	330	12.6	--	--	--	--	--	--
05/18/99	15:20	--	--	--	--	--	--	79	0.154	13.1	0.349
09/15/99	Pre-purge	--	--	--	--	1.00	92	--	--	--	--
09/15/99	11:59	1.0	9.50	620	18.7	--	--	--	--	--	--
09/15/99	12:00	2.0	9.20	650	18.5	--	--	--	--	--	--
09/15/99	12:01	3.0	9.00	650	18.3	--	--	--	--	--	--
09/15/99	12:06	--	--	--	--	--	--	111	0.13	132	5.3
11/30/99	Pre-purge	--	--	--	--	1.00	467	--	--	--	--
11/30/99	11:12	1.0	6.90	896	10.8	--	--	--	--	--	--
11/30/99	11:13	2.0	6.90	874	10.4	--	--	--	--	--	--
11/30/99	11:14	2.8	6.80	863	9.8	--	--	--	--	--	--
11/30/99	9:45	--	--	--	--	--	--	--	--	--	--
06/15-16/00	9:25	0.0	--	--	--	1.48	97	--	--	--	--
06/15-16/00	9:26	1.0	7.19	320	12.4	--	--	--	--	--	--
06/15-16/00	9:28	2.0	7.11	295	12.0	--	--	--	--	--	--

Table 3

Field Measurements and Analytical Results

Former Chevron Bulk Plant #206459

Highway 139 at Main Street

Tulelake, California

DATE	Time	Volume (gallons)	pH	Conductivity (µmhos/cm)	Total Temp. °C/°F	DO (mg/L)	ORP (mV)	Alkalinity (ppm)	Nitrate (mg/L)	Sulfate (mg/L)	Ferrous Iron (mg/L)
MW-12 (cont)											
06/15-16/00	9:33	3.0	7.08	278	11.7	--	--	120	<1.0	8.7	12
09/11-12/00	17:48	0.0	--	--	--	3.7	157	--	--	--	--
09/11-12/00	17:53	1.0	6.96	297	16.3	--	--	--	--	--	--
09/11-12/00	15:55	2.25	7.20	342	18.2	--	--	--	--	--	--
09/11-12/00	15:59	3.50	7.16	331	17.4	--	--	--	1.5	13.9	0.0461
11/15-16/00	9:20	0	--	--	--	1.75	120	--	--	--	--
11/15-16/00	9:22	1	7.23	410	54.1	--	--	--	--	--	--
11/15-16/00	--	2	7.20	345	53.8	--	--	--	--	--	--
11/15-16/00	9:27	3	7.16	358	53.6	--	--	311	3.16	13.3	0.17
MW-13											
03/19/97	--	--	--	--	--	2.40	40	340	5.2	53	0.09
06/18/97	--	--	--	--	--	2.00	75	<1.0	4.0	4800	<0.01
09/03/97	13:13	--	--	--	--	14.78	-74	350	<1.0	51	0.22
11/12/97	10:40	--	--	--	13.5	3.06	-13.2	--	--	--	--
11/12/97	10:44	1.5	6.96	217	13.8	2.42	3.4	--	--	--	--
11/12/97	--	Well dewatered	--	--	--	--	--	--	--	--	--
11/12/97	12:53	2.5	7.02	204	13.6	5.20	-1.0	300	3.7	32	0.3
02/16/98	15:05	--	--	--	7.8	1.58	19.4	--	--	--	--
02/16/98	15:10	1.5	7.25	805	7.7	1.59	19.2	--	--	--	--
02/16/98	--	Well dewatered	--	--	--	--	--	--	--	--	--
02/16/98	17:23	2.5	7.31	798	7.7	2.75	15.8	300	16	33	0.075
05/19/98	8:42	1.4	7.10	413	10.1	3.38	-30.5	350	--	--	--
05/19/98	8:44	2.8	7.04	731	11.4	1.77	-9.8	400	--	--	--
05/19/98	8:48	3.2	7.05	729	11.6	1.75	-12.0	--	5.0	35	0.37
08/10/98	7:36	1.5	7.47	334	15.4	2.24	-5.5	250	--	--	--
08/10/98	7:38	3.0	7.16	551	14.3	1.97	0.9	250	--	--	--
08/10/98	7:40	4.0	7.18	550	14.4	1.98	1.0	275	1.4	33	0.52

Table 3

Field Measurements and Analytical Results

Former Chevron Bulk Plant #206459

Highway 139 at Main Street

Tulelake, California

DATE	Time	Volume (gallons)	pH	Conductivity (µmhos/cm)	Total Temp. °C/°F	DO (mg/L)	ORP (mV)	Alkalinity (ppm)	Nitrate (mg/L)	Sulfate (mg/L)	Ferrous Iron (mg/L)
MW-13 (cont)											
11/04/98	10:15	1.25	7.10	857	12.7	2.10	61.0	280	5.9	42	0.099
11/04/98	--	Well dewatered	--	--	--	--	--	--	--	--	--
11/04/98	12:14	1.75	7.10	861	12.6	--	--	--	--	--	--
03/16/99	Pre-purge	--	--	--	--	1.10	499	--	--	--	--
03/16/99	11:38	1.5	6.70	979	9.7	--	--	--	--	--	--
03/16/99	11:40	3.0	6.60	1003	10.1	--	--	--	--	--	--
03/16/99	11:43	4.0	6.60	1021	10.6	--	--	--	--	--	--
03/16/99	11:50	--	--	--	--	--	--	380	<1.0	22	0.2
05/18/99	Pre-purge	--	--	--	--	1.40	47	--	--	--	--
05/18/99	12:36	1.25	7.20	800	13.4	--	--	--	--	--	--
05/18/99	--	Well dewatered	--	--	--	--	--	--	--	--	--
05/18/99	15:00	--	7.20	750	13.3	--	--	--	--	--	--
05/18/99	15:10	--	--	--	--	--	--	424	0.24	20.4	1.59
09/15/99	Pre-purge	--	--	--	--	2.40	99	--	--	--	--
09/15/99	11:06	1.25	9.10	780	16.9	--	--	--	--	--	--
09/15/99	11:08	2.5	8.80	910	16.7	--	--	--	--	--	--
09/15/99	11:10	3.75	8.50	970	16.5	--	--	--	--	--	--
09/15/99	11:15	--	--	--	--	--	--	366	0.21	301	1.9
11/30/99	Pre-purge	--	--	--	--	1.00	-94	--	--	--	--
11/30/99	10:45	1.0	6.70	714	9.8	--	--	--	--	--	--
11/30/99	--	Well dewatered	--	--	--	--	--	--	--	--	--
11/30/99	14:17	--	6.60	729	9.7	--	--	--	--	--	--
11/30/99	14:21	--	--	--	--	--	--	--	--	--	--
06/15-16/00	9:42	0.0	--	--	--	2.07	137	--	--	--	--
06/15-16/00	9:44	1.5	6.85	632	12.7	--	--	--	--	--	--
06/15-16/00	9:46	3.0	6.79	571	12.2	--	--	--	--	--	--
06/15-16/00	9:50	4.0	6.74	588	12.5	--	--	380	<1.0	17	0.014
09/11-12/00	17:35	0.0	--	--	--	3.4	145	--	--	--	--
09/11-12/00	17:38	1.5	6.64	559	18.7	--	--	--	--	--	--

Table 3

Field Measurements and Analytical Results

Former Chevron Bulk Plant #206459

Highway 139 at Main Street

Tulelake, California

DATE	Time	Volume (gallons)	pH	Conductivity (µmhos/cm)	Total Temp. °C/°F	DO (mg/L)	ORP (mV)	Alkalinity (ppm)	Nitrate (mg/L)	Sulfate (mg/L)	Ferrous Iron (mg/L)
MW-13 (cont)											
09/11-12/00	17:41	3.0	6.67	571	16.9	--	--	--	--	--	--
09/11-12/00	17:43	4.1	6.67	568	16.7	--	--	--	<.226	17.7	0.249
11/15-16/00	9:38	0	--	--	--	1.89	151	--	--	--	--
11/15-16/00	9:41	1.5	6.93	752	53.9	--	--	--	--	--	--
11/15-16/00	--	2.5	6.85	716	53.1	--	--	--	--	--	--
11/15-16/00	9:46	3.5	6.90	730	53.3	--	--	339	4.88	14.9	0.16

Table 3

Field Measurements and Analytical Results

Former Chevron Bulk Plant #206459
Highway 139 at Main Street
Tulelake, California

EXPLANATIONS:

Groundwater monitoring data and laboratory analytical results prior to June 15, 2000, were compiled from reports prepared by Blaine Tech Services, Inc.

(µmhos/cm) = Micromhos per centimeter
Temp. = Temperature
°C = Degrees Celsius
°F = Degrees Fahrenheit

DO = Dissolved Oxygen
(mg/L) = Milligrams per liter
ORP = Oxidation Reduction Potential
(mV) = Millivolts

(ppm) = Parts per million
-- = Not Measured/Not Analyzed
OR = ORP out of range

[1] Lead by ICP and Nitrate as Nitrogen were both not detected.

ANALYTICAL METHODS:

EPA 6000/7000 Series Methods for Ferrous Iron
EPA 310.1 for Total Alkalinity
EPA 300 for Nitrate and Sulfate

Table 4

Groundwater Analytical Results

Former Chevron Bulk Plant #206459

Highway 139 at Main Street

Tulelake, California

WELL ID/ DATE	Alkalinity Bicarbonate *(ppb)*	Total Alkalinity *(ppb)*	Calcium by ICP *(ppb)*	Fluoride *(ppb)*	Hardness *(ppb)*	Iron by ICP *(ppb)*	Magnesium by ICP *(ppb)*	Manganese by ICP *(ppb)*	Sodium by ICP *(ppb)*	Total Dissolved Solids *(ppb)*	Lead by ICP *(ppb)*	Nitrite as Nitrogen *(ppb)*
MW-1												
09/11-12/00	--	306,000	--	--	--	--	--	--	--	--	--	--
MW-2												
03/19/97	--	--	--	--	--	--	--	--	--	980,000	--	--
06/18/97	--	--	--	--	--	--	--	--	--	1,500,000	--	--
02/16/98	340,000	340,000	70,000	180	330,000	920	26,000	330	91,000	270,000	ND	ND
09/11-12/00	--	400,000	--	--	--	--	--	--	--	--	--	--
MW-3												
09/11-12/00	--	684,000	--	--	--	--	--	--	--	--	--	--
MW-4												
09/11-12/00	--	393,000	--	--	--	--	--	--	--	--	--	--
MW-5												
09/11-12/00	--	771,000	--	--	--	--	--	--	--	--	--	--
MW-6												
09/11-12/00	--	388,000	--	--	--	--	--	--	--	--	--	--
MW-7												
09/11-12/00	--	569,000	--	--	--	--	--	--	--	--	--	--

Table 4

Groundwater Analytical Results

Former Chevron Bulk Plant #206459
Highway 139 at Main Street
Tulelake, California

WELL ID/ DATE	Alkalinity Bicarbonate *(ppb)*	Total Alkalinity *(ppb)*	Calcium by ICP *(ppb)*	Fluoride *(ppb)*	Hardness *(ppb)*	Iron by ICP *(ppb)*	Magnesium by ICP *(ppb)*	Manganese by ICP *(ppb)*	Sodium by ICP *(ppb)*	Total Dissolved Solids *(ppb)*	Lead by ICP *(ppb)*	Nitrite as Nitrogen *(ppb)*
MW-8												
02/16/98	240,000	240,000	130,000	<100	430,000	12,000	42,000	1100	130,000	920,000	ND	ND
09/11-12/00	--	403,000	--	--	--	--	--	--	--	--	--	--
MW-9												
09/11-12/00	--	446,000	--	--	--	--	--	--	--	--	--	--
MW-10												
09/11-12/00	--	301,000	--	--	--	--	--	--	--	--	--	--
MW-11												
09/11-12/00	--	440,000	--	--	--	--	--	--	--	--	--	--
MW-12												
09/11-12/00	--	128,000	--	--	--	--	--	--	--	--	--	--
MW-13												
09/11-12/00	--	363,000	--	--	--	--	--	--	--	--	--	--

EXPLANATIONS:

Groundwater laboratory analytical results prior to September 11, 2000 were compiled from reports prepared by Blaine Tech Services, Inc.

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

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, all depth to water level measurements are collected with a static water level indicator and are also recorded in the field notes, prior to purging and sampling any wells.

After water levels are collected and prior to sampling, 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 disposable bailers. Temperature, pH and electrical conductivity are measured 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 ChevronTexaco Company, the purge water and decontamination water generated during sampling activities is transported by IWM to McKittrick Waste Management located in McKittrick, California.

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #206459 Job Number: 386414
Site Address: Hwy 139 @ Main Street Event Date: 8.22.05 (inclusive)
City: Tulelake, CA Sampler: FT

Well ID MW-1 Date Monitored: 8.22.05 Well Condition: OK!
Well Diameter 2 in.
Total Depth 10.21 ft.
Depth to Water 3.88 ft.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

6.33 xVF .17 = 1.07 x3 case volume= Estimated Purge Volume: 3.0 gal.

Purge Equipment:
Disposable Bailer ✓
Stainless Steel Bailer
Stack Pump
Suction Pump
Grundfos
Other:

Sampling Equipment:
Disposable Bailer ✓
Pressure Bailer
Discrete Bailer
Other:

Time Started: (2400 hrs)
Time Completed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: gal
Amt Removed from Well: gal
Water Removed:
Product Transferred to:

Start Time (purge): 2000 Weather Conditions: Sunny
Sample Time/Date: 2011 / 8.22.05 Water Color: LT. brwn Odor: yes
Purging Flow Rate: 1 gpm. Sediment Description: S. SILTY
Did well de-water? NO If yes, Time: Volume: gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
2002	1.0	6.51	502	16.5		
2004	2.0	6.49	496	16.4		
2006	3.0	6.47	487	16.0		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-1	6 x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)
	2 x 500ml Amber	YES	NP	LANCASTER	TPH-D

COMMENTS:

Add/Replaced Lock: Add/Replaced Plug: Size:

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #206459 Job Number: 386414
Site Address: Hwy 139 @ Main Street Event Date: 8.22.05 (inclusive)
City: Tulelake, CA Sampler: FT

Well ID: MW- 2 Date Monitored: 8.22.05 Well Condition: ok

Well Diameter: 2 in.
Total Depth: 9.62 ft.
Depth to Water: 4.05 ft.

Volume Factor (VF)				
	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

5.57 xVF .17 = .94 x3 case volume= Estimated Purge Volume: 3.0 gal.

Purge Equipment:
Disposable Bailer ✓
Stainless Steel Bailer
Stack Pump
Suction Pump
Grundfos
Other:

Sampling Equipment:
Disposable Bailer ✓
Pressure Bailer
Discrete Bailer
Other:

Time Started: (2400 hrs)
Time Completed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: gal
Amt Removed from Well: gal
Water Removed:
Product Transferred to:

Start Time (purge): 1756 Weather Conditions: SUNNY
Sample Time/Date: 1803 / 8.22.05 Water Color: L. BRN./GRAYISH Odor: SLIGHT
Purging Flow Rate: 1 gpm. Sediment Description: SILTY
Did well de-water? YES If yes, Time: 1758 Volume: 1.0 gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
1758	1.0	6.71	661	16.9		
	2.0					
	3.0					

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW- 2	6 x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)
	2 x 500ml Amber	YES	NP	LANCASTER	TPH-D

COMMENTS:

Add/Replaced Lock: Add/Replaced Plug: Size:

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #206459 Job Number: 386414
Site Address: Hwy 139 @ Main Street Event Date: 8.22.05 (inclusive)
City: Tulelake, CA Sampler: FS

Well ID: MW-3 Date Monitored: 8.22.05 Well Condition: OK
Well Diameter: 2 in.
Total Depth: 10.25 ft.
Depth to Water: 3.43 ft.
6.82 xVF .17 = 1.15 x3 case volume= Estimated Purge Volume: ____ gal.

Volume Factor (VF)				
	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

Purge Equipment:
Disposable Bailer ✓
Stainless Steel Bailer
Stack Pump
Suction Pump
Grundfos
Other:

Sampling Equipment:
Disposable Bailer ✓
Pressure Bailer
Discrete Bailer
Other:

Time Started: ____ (2400 hrs)
Time Completed: ____ (2400 hrs)
Depth to Product: ____ ft
Depth to Water: ____ ft
Hydrocarbon Thickness: ____ ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: ____ gal
Amt Removed from Well: ____ gal
Water Removed: ____
Product Transferred to: ____

Start Time (purge): 1944 Weather Conditions: SUNNY
Sample Time/Date: 1952 / 8.22.05 Water Color: LT. GREY Odor: YES
Purging Flow Rate: 1 gpm. Sediment Description: S. SILTY
Did well de-water? YES If yes, Time: 1946 Volume: 1.0 gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
1946	1.0	6.61	852	16.6		
	2.0					
	3.0					

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-3	6 x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)
	2 x 500ml Amber	YES	NP	LANCASTER	TPH-D

COMMENTS:

Add/Replaced Lock: ____ Add/Replaced Plug: ____ Size: ____

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #206459 Job Number: 386414
Site Address: Hwy 139 @ Main Street Event Date: 8.22.05 (inclusive)
City: Tulelake, CA Sampler: FT

Well ID: MW-4 Date Monitored: 8.22.05 Well Condition: PEMLO 8" BOX 1 BROKEN BOLT IN FLANGE
Well Diameter: 2 in.
Total Depth: 10.20 ft.
Depth to Water: 3.62 ft.

Volume Factor (VF)			
	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

6.58 xVF .17 = 1.11 x3 case volume= Estimated Purge Volume: 3.0 gal.

Purge Equipment:
Disposable Bailer ✓
Stainless Steel Bailer
Stack Pump
Suction Pump
Grundfos
Other:

Sampling Equipment:
Disposable Bailer ✓
Pressure Bailer
Discrete Bailer
Other:

Time Started: (2400 hrs)
Time Completed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: gal
Amt Removed from Well: gal
Water Removed:
Product Transferred to:

Start Time (purge): 2019 Weather Conditions: CLEAR
Sample Time/Date: 2027 / 8.22.05 Water Color: LT. GRAY Odor: YES / STRONG
Purging Flow Rate: 1 gpm. Sediment Description: S. SILTY
Did well de-water? YES If yes, Time: 2021 Volume: 1.0 gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
2021	1.0	6.52	615	16.0		
	2.0					
	3.0					

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-4	6 x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)
	2 x 500ml Amber	YES	NP	LANCASTER	TPH-D

COMMENTS:

Add/Replaced Lock: ✓ Add/Replaced Plug: Size:

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #206459 Job Number: 386414
Site Address: Hwy 139 @ Main Street Event Date: 8.22.05 (inclusive)
City: Tulelake, CA Sampler: RT

Well ID: MW-5 Date Monitored: 8.22.05 Well Condition: OK
Well Diameter: 2 in.
Total Depth: 11.68 ft.
Depth to Water: 4.77 ft.
6.91 xVF .17 = 1.17 x3 case volume= Estimated Purge Volume: 3.5 gal.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

Purge Equipment:
Disposable Bailer ✓
Stainless Steel Bailer
Stack Pump
Suction Pump
Grundfos
Other:

Sampling Equipment:
Disposable Bailer ✓
Pressure Bailer
Discrete Bailer
Other:

Time Started: (2400 hrs)
Time Completed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: gal
Amt Removed from Well: gal
Water Removed:
Product Transferred to:

Start Time (purge): 2035 Weather Conditions: CLEAR
Sample Time/Date: 2044 / 8.22.05 Water Color: V LT. GRAY Odor: YES / STRONG
Purging Flow Rate: 1 gpm. Sediment Description:
Did well de-water? YES If yes, Time: 2038 Volume: 1.0 gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
2038	1.0	6.76	761	16.3		
	2.0					
	3.5					

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-5	6 x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)
	2 x 500ml Amber	YES	NP	LANCASTER	TPH-D

COMMENTS:

Add/Replaced Lock: Add/Replaced Plug: Size:

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #206459
Job Number: 386414
Site Address: Hwy 139 @ Main Street
Event Date: 8.22.05 (inclusive)
City: Tulelake, CA
Sampler: FT

Well ID: MW-6
Date Monitored: 8.22.05
Well Condition: OK

Well Diameter: 2 in.
Total Depth: 10.24 ft.
Depth to Water: 3.34 ft.

Volume Factor (VF)				
	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

6.90 xVF .17 = 1.17 x3 case volume= Estimated Purge Volume: 3.5 gal.

Purge Equipment:
- Disposable Bailer: ✓
- Stainless Steel Bailer:
- Stack Pump:
- Suction Pump:
- Grundfos:
- Other:

Sampling Equipment:
- Disposable Bailer: ✓
- Pressure Bailer:
- Discrete Bailer:
- Other:

Time Started: (2400 hrs)
Time Completed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: ft
Visual Confirmation/Description:

Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: gal
Amt Removed from Well: gal
Water Removed:
Product Transferred to:

Start Time (purge): 1913
Weather Conditions: Sunny
Sample Time/Date: 1922 / 8.22.05
Water Color: Lt. brown
Odor: yes / strong
Purging Flow Rate: 1 gpm.
Sediment Description:
Did well de-water? yes
If yes, Time: 1915
Volume: 1.0 gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
1915	1.0	6.67	620	17.3		
	2.0					
	3.5					

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-6	6 x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)
	2 x 500ml Amber	YES	NP	LANCASTER	TPH-D

COMMENTS:

Add/Replaced Lock: ✓
Add/Replaced Plug: Size:

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #206459 Job Number: 386414
Site Address: Hwy 139 @ Main Street Event Date: 8.22.05 (inclusive)
City: Tulelake, CA Sampler: FT

Well ID: MW-7 Date Monitored: 8.22.05 Well Condition: OK
Well Diameter: 2 in.
Total Depth: 10.20 ft.
Depth to Water: 3.98 ft.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

6.22 xVF .17 = 1.05 x3 case volume= Estimated Purge Volume: 3.0 gal.

Purge Equipment:
Disposable Bailer ✓
Stainless Steel Bailer
Stack Pump
Suction Pump
Grundfos
Other:

Sampling Equipment:
Disposable Bailer ✓
Pressure Bailer
Discrete Bailer
Other:

Time Started: (2400 hrs)
Time Completed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: gal
Amt Removed from Well: gal
Water Removed:
Product Transferred to:

Start Time (purge): 1929 Weather Conditions: SUNNY
Sample Time/Date: 1936 / 8.22.05 Water Color: LT. brown Odor: YES / STRONG
Purging Flow Rate: 1 gpm. Sediment Description: S. SILTY
Did well de-water? YES If yes, Time: 1931 Volume: 1.0 gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
1931	1.0	6.76	598	16.8		
	2.0					
	3.0					

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-7	6 x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)
	2 x 500ml Amber	YES	NP	LANCASTER	TPH-D

COMMENTS:

Add/Replaced Lock: Add/Replaced Plug: Size:

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #206459 Job Number: 386414
Site Address: Hwy 139 @ Main Street Event Date: 8.22.05 (inclusive)
City: Tulelake, CA Sampler: FT

Well ID: MW-8 Date Monitored: 8.22.05 Well Condition: CAMPBELL MONOFLEX 3 STUDDED FLANGES 8" BOT

Well Diameter: 2 in.
Total Depth: 9.95 ft.
Depth to Water: 3.28 ft.

Volume Factor (VF)				
	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

6.67 xVF .17 = 1.13 x3 case volume= Estimated Purge Volume: 3.0 gal.

Purge Equipment:
Disposable Bailer ✓
Stainless Steel Bailer
Stack Pump
Suction Pump
Grundfos
Other:

Sampling Equipment:
Disposable Bailer ✓
Pressure Bailer
Discrete Bailer
Other:

Time Started: (2400 hrs)
Time Completed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: gal
Amt Removed from Well: gal
Water Removed:
Product Transferred to:

Start Time (purge): 1836 Weather Conditions: SUNNY
Sample Time/Date: 1847 / 8.22.05 Water Color: DARK GREY Odor: YES / STRONG
Purging Flow Rate: 1 gpm. Sediment Description: SILT
Did well de-water? NO If yes, Time: Volume: gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
1838	1.0	6.68	710	16.8		
1840	2.0	6.59	695	16.2		
1842	3.0	6.55	689	16.1		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-8	6 x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)
	2 x 500ml Amber	YES	NP	LANCASTER	TPH-D

COMMENTS:

Add/Replaced Lock: Add/Replaced Plug: Size:

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #206459 Job Number: 386414
Site Address: Hwy 139 @ Main Street Event Date: 8.22.05 (inclusive)
City: Tulelake, CA Sampler: FT

Well ID: MW-9 Date Monitored: 8.22.05 Well Condition: oil
Well Diameter: 2 in.
Total Depth: 10.17 ft.
Depth to Water: 4.88 ft.
5.29 xVF .17 = .89 x3 case volume= Estimated Purge Volume: 2.5 gal.

Volume Factor (VF)				
	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

Purge Equipment:
Disposable Bailer ✓
Stainless Steel Bailer
Stack Pump
Suction Pump
Grundfos
Other:

Sampling Equipment:
Disposable Bailer ✓
Pressure Bailer
Discrete Bailer
Other:

Time Started: (2400 hrs)
Time Completed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: gal
Amt Removed from Well: gal
Water Removed:
Product Transferred to:

Start Time (purge): 1856 Weather Conditions: SUNNY
Sample Time/Date: 1907 / 8.22.05 Water Color: Cloudy / Brown Odor: Yes / Strong
Purging Flow Rate: 1 gpm. Sediment Description: SILTY
Did well de-water? NO If yes, Time: Volume: gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
1858	.75	6.52	685	17.4		
1900	1.5	6.49	679	17.0		
1902	2.5	6.45	670	16.8		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-9	6 x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)
	2 x 500ml Amber	YES	NP	LANCASTER	TPH-D

COMMENTS:

Add/Replaced Lock: Add/Replaced Plug: Size:

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #206459 Job Number: 386414
Site Address: Hwy 139 @ Main Street Event Date: 8.22.05 (inclusive)
City: Tulelake, CA Sampler: FT

Well ID: MW-10 Date Monitored: 8.22.05 Well Condition: MONRISON 6" BOX 2 STRIPPED FLAPPER
Well Diameter: 2 in.
Total Depth: 10.10 ft.
Depth to Water: 4.77 ft.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

5.33 xVF .17 = .90 x3 case volume= Estimated Purge Volume: 2.71 gal.

Purge Equipment:
Disposable Bailer ✓
Stainless Steel Bailer
Stack Pump
Suction Pump
Grundfos
Other:

Sampling Equipment:
Disposable Bailer ✓
Pressure Bailer
Discrete Bailer
Other:

Time Started: (2400 hrs)
Time Completed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: gal
Amt Removed from Well: gal
Water Removed:
Product Transferred to:

Start Time (purge): 1731 Weather Conditions: SUNNY
Sample Time/Date: 1738 / 8.22.05 Water Color: L. BRN. Odor: NO
Purging Flow Rate: 1 gpm. Sediment Description: S. SILTY
Did well de-water? yes If yes, Time: 1733 Volume: 1.0 gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (u mhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
1733	1.0	6.87	388	18.6		
	2.0					
	3.0					

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-10	6 x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)
	2 x 500ml Amber	YES	NP	LANCASTER	TPH-D

COMMENTS:

Add/Replaced Lock: ✓ Add/Replaced Plug: Size:

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #206459 Job Number: 386414
Site Address: Hwy 139 @ Main Street Event Date: 8.22.05 (inclusive)
City: Tulelake, CA Sampler: FT

Well ID: MW- 11 Date Monitored: 8.22.05 Well Condition: MORRISON 8" BOX 2 STRIPPED FLAPPER
Well Diameter: 2 in.
Total Depth: 10.40 ft.
Depth to Water: 3.47 ft.

Volume Factor (VF)				
	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

6.93 xVF .17 = 1.17 x3 case volume= Estimated Purge Volume: 3.5 gal.

Purge Equipment:
Disposable Bailer ✓
Stainless Steel Bailer
Stack Pump
Suction Pump
Grundfos
Other:

Sampling Equipment:
Disposable Bailer ✓
Pressure Bailer
Discrete Bailer
Other:

Time Started: (2400 hrs)
Time Completed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: gal
Amt Removed from Well: gal
Water Removed:
Product Transferred to:

Start Time (purge): 1744 Weather Conditions: SUNNY
Sample Time/Date: 1751 / 8.22.05 Water Color: LT. BRN. Odor: NO
Purging Flow Rate: 1 gpm. Sediment Description: S. SILTY
Did well de-water? YES If yes, Time: 1746 Volume: 1.0 gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
1746	1.0	6.78	624	16.4		
	2.0					
	3.5					

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW- 11	6 x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)
	2 x 500ml Amber	YES	NP	LANCASTER	TPH-D

COMMENTS:

Add/Replaced Lock: ✓ Add/Replaced Plug: Size:

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #206459 Job Number: 386414
Site Address: Hwy 139 @ Main Street Event Date: 8.22.05 (inclusive)
City: Tulelake, CA Sampler: FT

Well ID MW- 12 Date Monitored: 8.22.05 Well Condition: ok'
Well Diameter 2 in.
Total Depth 10.72 ft.
Depth to Water 4.02 ft.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

6.70 xVF .17 = 1.13 x3 case volume= Estimated Purge Volume: 3.0 gal.

Purge Equipment:
Disposable Bailer ✓
Stainless Steel Bailer
Stack Pump
Suction Pump
Grundfos
Other:

Sampling Equipment:
Disposable Bailer ✓
Pressure Bailer
Discrete Bailer
Other:

Time Started: (2400 hrs)
Time Completed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: gal
Amt Removed from Well: gal
Water Removed:
Product Transferred to:

Start Time (purge): 1825 Weather Conditions: SUNNY
Sample Time/Date: 1830 / 8.22.05 Water Color: Greyish / Brn. Odor: SLIGHT
Purging Flow Rate: 1 gpm. Sediment Description: SILTY
Did well de-water? yes If yes, Time: 1827 Volume: 1.0 gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
1827	1.0	6.85	342	17.2		
	2.0					
	3.0					

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW- 12	6 x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)
	2 x 500ml Amber	YES	NP	LANCASTER	TPH-D

COMMENTS:

Add/Replaced Lock: Add/Replaced Plug: Size:

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #206459 Job Number: 386414
Site Address: Hwy 139 @ Main Street Event Date: 8.22.05 (inclusive)
City: Tulelake, CA Sampler: FT

Well ID: MW- 13 Date Monitored: 8.22.05 Well Condition: OK
Well Diameter: 2 in.
Total Depth: 10.55 ft.
Depth to Water: 3.00 ft.
7.55 xVF .17 = 1.28 x3 case volume= Estimated Purge Volume: 4.0 gal.

Volume Factor (VF)				
	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

Purge Equipment:
Disposable Bailer ✓
Stainless Steel Bailer
Stack Pump
Suction Pump
Grundfos
Other:

Sampling Equipment:
Disposable Bailer ✓
Pressure Bailer
Discrete Bailer
Other:

Time Started: (2400 hrs)
Time Completed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: gal
Amt Removed from Well: gal
Water Removed:
Product Transferred to:

Start Time (purge): 1804 Weather Conditions: SUNNY
Sample Time/Date: 1820 / 8.22.05 Water Color: Lowish Brw. Odor: SLIGHT
Purging Flow Rate: 1 gpm. Sediment Description: SILT
Did well de-water? NO If yes, Time: Volume: gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
1811	1.5	6.70	469	16.4		
1813	3.0	6.65	475	16.2		
1815	4.0	6.62	481	16.0		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW- 13	6 x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)
	2 x 500ml Amber	YES	NP	LANCASTER	TPH-D

COMMENTS:

Add/Replaced Lock: Add/Replaced Plug: Size:

Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

(1 of 2)

082405-06

For Lancaster Laboratories use only
Acct. #: 10904 Sample #: 4591169-82/956813 SCR#:

Facility #: SS#206459-OML G-R#386414 Global ID#T0609300041
Site Address: HWY 139 @ MAIN STREET, TULELAKE, CA
Chevron PM: MI Lead Consultant: CAMBRIAIR
Consultant/Office: G-R, Inc., 6747 Sierra Court, Suite J, Dublin, Ca. 94568
Consultant Prj. Mgr.: Deanna L. Harding (deanna@grinc.com)
Consultant Phone #: 925-551-7555 Fax #: 925-551-7899
Sampler: FRANK TERLINDNI
Service Order #: ☐ Non SAR:

Matrix: ☐ Potable ☐ NPDES

Analyses Requested / Preservation Codes

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water	Oil ☐ Air ☐	Total Number of Containers	BTEX + MTBE 8260 ☒ 8021 ☐ (H)	TPH 8015 MOD GRO (H)	TPH 8015 MOD DRO ☐ Silica Gel Cleanup ☐	8260 full scan	Oxygenates ___	Lead 7420 ☐ 7421 ☐
QA	8.22.05					W		2	X	X				
MW-1		2011	X					8	X	X	X			
MW-2		1803	X					8	X	X	X			
MW-3		1952	X					8	X	X	X			
MW-4		2027	X					8	X	X	X			
MW-5		2044	X					8	X	X	X			
MW-6		1922	X					8	X	X	X			
MW-7		1936	X					8	X	X	X			
MW-8		1847	X					8	X	X	X			
MW-9		1907	X					8	X	X	X			
MW-10		1738	X					8	X	X	X			
MW-11		1751	X					8	X	X	X			

Preservative Codes
H = HCl T = Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 O = Other

☐ J value reporting needed
☒ Must meet lowest detection limits possible for 8260 compounds

8021 MTBE Confirmation
☐ Confirm highest hit by 8260
☐ Confirm all hits by 8260
☐ Run ____ oxy s on highest hit
☐ Run ____ oxy s on all hits

Comments / Remarks

Turnaround Time Requested (TAT) (please circle)
STD. TAT 72 hour 48 hour
24 hour 4 day 5 day

Data Package Options (please circle if required)
QC Summary Type I — Full
Type VI (Raw Data) ☐ Coelt Deliverable not needed
WIP (RWQCB)
Disk
EDF/EDD

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	8.24.05	1415	[signature]	8/24/05	1415
[signature]	8/24/05	1530	Fed Ex	8/24/05	
Relinquished by Commercial Carrier: UPS FedEx Other			Received by: [signature]	8/25/05	0900
Temperature Upon Receipt 3.8°, 2.1°, 1.7° C°			Custody Seals Intact? Yes No		

Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

2 of 2

082405-06

For Lancaster Laboratories use only
Acct. #: 10904 Sample #: 4591169-82/956813 SCR#:

Facility #: SS#206459-OML G-R#386414 Global ID#T0609300041
Site Address: HWY 139 @ MAIN STREET, TULELAKE, CA
Chevron PM: MI Lead Consultant: CAMBRIAIR
Consultant/Office: G-R, Inc., 6747 Sierra Court, Suite J, Dublin, Ca. 94568
Consultant Prj. Mgr.: Deanna L. Harding (deanna@grinc.com)
Consultant Phone #: 925-551-7555 Fax #: 925-551-7899
Sampler: FRANK TERMINONI
Service Order #: ☐ Non SAR:

Analyses Requested / Preservation Codes

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water (☐ Potable ☐ NPDES)	Oil ☐ Air ☐	Total Number of Containers	BTEX + MTBE 8280 ☒ 8021 ☐ (H)	TPH 8015 MOD GRO (H)	TPH 8015 MOD DRO ☐ Silica Gel Cleanup	8260 full scan	Oxygenates ___	Lead 7420 ☐ 7421 ☐
MW-12	8.22.05	1830	X			W		8	X	X	X			
MW-13	8.22.05	1820	X			↓		8	X	X	X			

Preservative Codes
H = HCl T = Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 O = Other

☐ J value reporting needed
☒ Must meet lowest detection limits possible for 8260 compounds

8021 MTBE Confirmation
☐ Confirm highest hit by 8260
☐ Confirm all hits by 8260
☐ Run ____ oxy s on highest hit
☐ Run ____ oxy s on all hits

Comments / Remarks

Turnaround Time Requested (TAT) (please circle)
STD. TAT 72 hour 48 hour
24 hour 4 day 5 day

Data Package Options (please circle if required)
QC Summary Type I — Full
Type VI (Raw Data) ☐ Coelt Deliverable not needed
WIP (RWQCB)
Disk
EDF/EDD

Relinquished by:	Date	Time	Received by:	Date	Time
Frank Termi	8.24.05	1415	Andrea Amaya	8/24/05	1415
Andrea Amaya	8/24/05	1530	Fed Ex	8/24/05	
Relinquished by Commercial Carrier: UPS FedEx Other			Received by:	8/25/05	0900

Temperature Upon Receipt 3.8°, 2.1°C° 1.7° Custody Seals Intact? Yes No

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

ANALYTICAL RESULTS

Prepared for:

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

925-842-8582

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

SAMPLE GROUP

The sample group for this submittal is 956813. Samples arrived at the laboratory on Thursday, August 25, 2005. The PO# for this group is 99011184 and the release number is INGLIS.

Client Description			Lancaster Labs Number
QA-T-050822	NA	Water	4591169
MW-1-W-050822	Grab	Water	4591170
MW-2-W-050822	Grab	Water	4591171
MW-3-W-050822	Grab	Water	4591172
MW-4-W-050822	Grab	Water	4591173
MW-5-W-050822	Grab	Water	4591174
MW-6-W-050822	Grab	Water	4591175
MW-7-W-050822	Grab	Water	4591176
MW-8-W-050822	Grab	Water	4591177
MW-9-W-050822	Grab	Water	4591178
MW-10-W-050822	Grab	Water	4591179
MW-11-W-050822	Grab	Water	4591180
MW-12-W-050822	Grab	Water	4591181
MW-13-W-050822	Grab	Water	4591182

1 COPY TO	Cambria C/O Gettler- Ryan	Attn: Deanna L. Harding
ELECTRONIC COPY TO	Gettler-Ryan	Attn: Cheryl Hansen

Lancaster Laboratories

Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Questions? Contact your Client Services Representative
Megan A Moeller at (717) 656-2300

Respectfully Submitted,

Dana M. Kauffman
Manager

Lancaster Laboratories

Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Lancaster Laboratories Sample No. WW 4591169

QA-T-050822 NA Water
Facility# 206459 Job# 386414 GRD
Hwy 139 & Main-Tulelake T0609300041 QA
Collected:08/22/2005

Account Number: 10904

Submitted: 08/25/2005 09:00
Reported: 09/07/2005 at 16:03
Discard: 10/08/2005

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TULTB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
06054	BTEX+MTBE by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	08/26/2005 18:28	Kathie J Bowman	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	08/29/2005 13:59	Ginelle L Feister	1
01146	GC VOA Water Prep	SW-846 5030B	1	08/26/2005 18:28	Kathie J Bowman	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	08/29/2005 13:59	Ginelle L Feister	n.a.

Lancaster Laboratories

Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Lancaster Laboratories Sample No. WW 4591170

MW-1-W-050822 Grab Water
Facility# 206459 Job# 386414 GRD
Hwy 139 & Main-Tulelake T0609300041 MW-1
Collected:08/22/2005 20:11 by FT

Account Number: 10904

Submitted: 08/25/2005 09:00
Reported: 09/07/2005 at 16:04
Discard: 10/08/2005

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TULE1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	2,300.	250.	ug/l	5
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
06609	TPH-DRO CALUFT(Waters)	n.a.	18,000.	620.	ug/l	20
	Accurate surrogate recoveries could not be determined due to the dilution required for analysis of the sample.					
06054	BTEX+MTBE by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	25.	0.5	ug/l	1
05401	Benzene	71-43-2	10.	0.5	ug/l	1
05407	Toluene	108-88-3	2.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	0.8	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	0.8	0.5	ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	08/30/2005 00:56	Brian C Veety	5
06609	TPH-DRO CALUFT(Waters)	CALUFT-DRO/8015B, Modified	1	08/30/2005 09:28	Tracy A Cole	20
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	08/29/2005 14:23	Ginelle L Feister	1
01146	GC VOA Water Prep	SW-846 5030B	1	08/30/2005 00:56	Brian C Veety	5
01163	GC/MS VOA Water Prep	SW-846 5030B	1	08/29/2005 14:23	Ginelle L Feister	n.a.
02135	Extraction - DRO Water Special	TPH by CA LUFT	1	08/29/2005 02:00	Sherry L Morrow	1

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Analysis Report

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Lancaster Laboratories Sample No. WW 4591171

MW-2-W-050822 Grab Water
Facility# 206459 Job# 386414 GRD
Hwy 139 & Main-Tulelake T0609300041 MW-2
Collected:08/22/2005 18:03 by FT

Account Number: 10904

Submitted: 08/25/2005 09:00
Reported: 09/07/2005 at 16:04
Discard: 10/08/2005

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TULE2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
06609	TPH-DRO CALUFT(Waters)	n.a.	500.	50.	ug/l	1
	The observed sample pattern includes #2 fuel/diesel and an additional pattern which elutes later in the DRO range.					
06054	BTEX+MTBE by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

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Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	08/29/2005 19:26	Brian C Veety	1
06609	TPH-DRO CALUFT(Waters)	CALUFT-DRO/8015B, Modified	1	08/30/2005 10:38	Tracy A Cole	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	08/29/2005 14:46	Ginelle L Feister	1
01146	GC VOA Water Prep	SW-846 5030B	1	08/29/2005 19:26	Brian C Veety	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	08/29/2005 14:46	Ginelle L Feister	n.a.
02135	Extraction - DRO Water Special	TPH by CA LUFT	1	08/29/2005 02:00	Sherry L Morrow	1

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Lancaster Laboratories Sample No. WW 4591172

MW-3-W-050822 Grab Water
Facility# 206459 Job# 386414 GRD
Hwy 139 & Main-Tulelake T0609300041 MW-3
Collected:08/22/2005 19:52 by FT

Account Number: 10904

Submitted: 08/25/2005 09:00
Reported: 09/07/2005 at 16:04
Discard: 10/08/2005

ChevronTexaco
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San Ramon CA 94583

TULE3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	780.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
06609	TPH-DRO CALUFT(Waters)	n.a.	5,200.	300.	ug/l	10
	The observed sample pattern includes #2 fuel/diesel and an additional pattern which elutes later in the DRO range.					
06054	BTEX+MTBE by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	330.	3.	ug/l	5
05401	Benzene	71-43-2	9.	0.5	ug/l	1
05407	Toluene	108-88-3	0.9	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	1.	0.5	ug/l	1

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Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	08/29/2005 19:55	Brian C Veety	1
06609	TPH-DRO CALUFT(Waters)	CALUFT-DRO/8015B, Modified	1	08/30/2005 06:20	Tracy A Cole	10
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	08/29/2005 15:10	Ginelle L Feister	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	08/29/2005 15:34	Ginelle L Feister	5
01146	GC VOA Water Prep	SW-846 5030B	1	08/29/2005 19:55	Brian C Veety	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	08/29/2005 15:10	Ginelle L Feister	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	2	08/29/2005 15:34	Ginelle L Feister	n.a.
02135	Extraction - DRO Water Special	TPH by CA LUFT	1	08/29/2005 02:00	Sherry L Morrow	1

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Lancaster Laboratories Sample No. WW 4591173

MW-4-W-050822 Grab Water
Facility# 206459 Job# 386414 GRD
Hwy 139 & Main-Tulelake T0609300041 MW-4
Collected:08/22/2005 20:27 by FT

Account Number: 10904

Submitted: 08/25/2005 09:00
Reported: 09/07/2005 at 16:04
Discard: 10/08/2005

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TULE4

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	8,600.	2,500.	ug/l	50
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
06609	TPH-DRO CALUFT(Waters)	n.a.	17,000.	600.	ug/l	20
	Accurate surrogate recoveries could not be determined due to the dilution required for analysis of the sample.					
06054	BTEX+MTBE by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	580.	10.	ug/l	20
05401	Benzene	71-43-2	600.	10.	ug/l	20
05407	Toluene	108-88-3	12.	1.	ug/l	2
05415	Ethylbenzene	100-41-4	380.	10.	ug/l	20
06310	Xylene (Total)	1330-20-7	11.	1.	ug/l	2

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Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	08/30/2005 01:25	Brian C Veety	50
06609	TPH-DRO CALUFT(Waters)	CALUFT-DRO/8015B, Modified	1	08/30/2005 09:51	Tracy A Cole	20
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	08/29/2005 15:58	Ginelle L Feister	2
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	08/29/2005 16:22	Ginelle L Feister	20
01146	GC VOA Water Prep	SW-846 5030B	1	08/30/2005 01:25	Brian C Veety	50
01163	GC/MS VOA Water Prep	SW-846 5030B	1	08/29/2005 15:58	Ginelle L Feister	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	2	08/29/2005 16:22	Ginelle L Feister	n.a.
02135	Extraction - DRO Water Special	TPH by CA LUFT	1	08/29/2005 02:00	Sherry L Morrow	1

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Lancaster Laboratories Sample No. WW 4591174

MW-5-W-050822 Grab Water
Facility# 206459 Job# 386414 GRD
Hwy 139 & Main-Tulelake T0609300041 MW-5
Collected:08/22/2005 20:44 by FT

Account Number: 10904

Submitted: 08/25/2005 09:00
Reported: 09/07/2005 at 16:04
Discard: 10/08/2005

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TULE5

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	9,900.	500.	ug/l	10
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
06609	TPH-DRO CALUFT(Waters)	n.a.	46,000.	1,500.	ug/l	50
	Accurate surrogate recoveries could not be determined due to the dilution required for analysis of the sample.					
06054	BTEX+MTBE by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	12,000.	50.	ug/l	100
05401	Benzene	71-43-2	1,300.	10.	ug/l	20
05407	Toluene	108-88-3	15.	10.	ug/l	20
05415	Ethylbenzene	100-41-4	240.	10.	ug/l	20
06310	Xylene (Total)	1330-20-7	230.	10.	ug/l	20

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Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	08/30/2005 01:54	Brian C Veety	10
06609	TPH-DRO CALUFT(Waters)	CALUFT-DRO/8015B, Modified	1	08/30/2005 07:07	Tracy A Cole	50
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	08/29/2005 16:46	Ginelle L Feister	20
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	08/29/2005 17:10	Ginelle L Feister	100
01146	GC VOA Water Prep	SW-846 5030B	1	08/30/2005 01:54	Brian C Veety	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	08/29/2005 16:46	Ginelle L Feister	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	2	08/29/2005 17:10	Ginelle L Feister	n.a.
02135	Extraction - DRO Water Special	TPH by CA LUFT	1	08/29/2005 02:00	Sherry L Morrow	1

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Lancaster Laboratories Sample No. WW 4591175

MW-6-W-050822 Grab Water
Facility# 206459 Job# 386414 GRD
Hwy 139 & Main-Tulelake T0609300041 MW-6
Collected:08/22/2005 19:22 by FT

Account Number: 10904

Submitted: 08/25/2005 09:00
Reported: 09/07/2005 at 16:04
Discard: 10/08/2005

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TULE6

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	2,700.	500.	ug/l	10
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
06609	TPH-DRO CALUFT(Waters)	n.a.	33,000.	1,500.	ug/l	50
	Accurate surrogate recoveries could not be determined due to the dilution required for analysis of the sample.					
06054	BTEX+MTBE by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	420.	3.	ug/l	5
05401	Benzene	71-43-2	0.9	0.5	ug/l	1
05407	Toluene	108-88-3	0.8	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

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Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	08/30/2005 09:38	Brian C Veety	10
06609	TPH-DRO CALUFT(Waters)	CALUFT-DRO/8015B, Modified	1	08/30/2005 10:15	Tracy A Cole	50
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	08/29/2005 17:34	Ginelle L Feister	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	08/29/2005 17:57	Ginelle L Feister	5
01146	GC VOA Water Prep	SW-846 5030B	1	08/30/2005 09:38	Brian C Veety	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	08/29/2005 17:34	Ginelle L Feister	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	2	08/29/2005 17:57	Ginelle L Feister	n.a.
02135	Extraction - DRO Water Special	TPH by CA LUFT	1	08/29/2005 02:00	Sherry L Morrow	1

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Lancaster Laboratories Sample No. WW 4591176

MW-7-W-050822 Grab Water
Facility# 206459 Job# 386414 GRD
Hwy 139 & Main-Tulelake T0609300041 MW-7
Collected:08/22/2005 19:36 by FT

Account Number: 10904

Submitted: 08/25/2005 09:00
Reported: 09/07/2005 at 16:04
Discard: 10/08/2005

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TULE7

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	1,300.	250.	ug/l	5
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
06609	TPH-DRO CALUFT(Waters)	n.a.	20,000.	3,000.	ug/l	100
06054	BTEX+MTBE by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	5.	0.5	ug/l	1
05401	Benzene	71-43-2	110.	0.5	ug/l	1
05407	Toluene	108-88-3	2.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	0.6	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	2.	0.5	ug/l	1

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Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	08/29/2005 23:58	Brian C Veety	5
06609	TPH-DRO CALUFT(Waters)	CALUFT-DRO/8015B, Modified	1	09/01/2005 12:03	Tracy A Cole	100
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	08/29/2005 18:21	Ginelle L Feister	1
01146	GC VOA Water Prep	SW-846 5030B	1	08/29/2005 23:58	Brian C Veety	5
01163	GC/MS VOA Water Prep	SW-846 5030B	1	08/29/2005 18:21	Ginelle L Feister	n.a.
02135	Extraction - DRO Water Special	TPH by CA LUFT	1	08/30/2005 16:30	Olivia I Santiago	1

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Lancaster Laboratories Sample No. WW 4591177

MW-8-W-050822 Grab Water
Facility# 206459 Job# 386414 GRD
Hwy 139 & Main-Tulelake T0609300041 MW-8
Collected:08/22/2005 18:47 by FT

Account Number: 10904

Submitted: 08/25/2005 09:00
Reported: 09/07/2005 at 16:04
Discard: 10/08/2005

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TULE8

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	390.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
06609	TPH-DRO CALUFT(Waters)	n.a.	29,000.	3,100.	ug/l	100
	Accurate surrogate recoveries could not be determined due to the dilution required for analysis of the sample.					
06054	BTEX+MTBE by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	4.	0.5	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

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Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	08/30/2005 09:09	Brian C Veety	1
06609	TPH-DRO CALUFT(Waters)	CALUFT-DRO/8015B, Modified	1	09/01/2005 12:26	Tracy A Cole	100
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	08/29/2005 18:45	Ginelle L Feister	1
01146	GC VOA Water Prep	SW-846 5030B	1	08/30/2005 09:09	Brian C Veety	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	08/29/2005 18:45	Ginelle L Feister	n.a.
02135	Extraction - DRO Water Special	TPH by CA LUFT	1	08/30/2005 16:30	Olivia I Santiago	1

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Lancaster Laboratories Sample No. WW 4591178

MW-9-W-050822 Grab Water
Facility# 206459 Job# 386414 GRD
Hwy 139 & Main-Tulelake T0609300041 MW-9
Collected:08/22/2005 19:07 by FT

Account Number: 10904

Submitted: 08/25/2005 09:00
Reported: 09/07/2005 at 16:04
Discard: 10/08/2005

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TULE9

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	110.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
06609	TPH-DRO CALUFT(Waters)	n.a.	4,800.	160.	ug/l	5
06054	BTEX+MTBE by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

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Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	08/29/2005 20:24	Brian C Veety	1
06609	TPH-DRO CALUFT(Waters)	CALUFT-DRO/8015B, Modified	1	09/01/2005 12:50	Tracy A Cole	5
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	08/29/2005 21:03	Dawn M Harle	1
01146	GC VOA Water Prep	SW-846 5030B	1	08/29/2005 20:24	Brian C Veety	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	08/29/2005 21:03	Dawn M Harle	n.a.
02135	Extraction - DRO Water Special	TPH by CA LUFT	1	08/30/2005 16:30	Olivia I Santiago	1

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Lancaster Laboratories Sample No. WW 4591179

MW-10-W-050822 Grab Water
Facility# 206459 Job# 386414 GRD
Hwy 139 & Main-Tulelake T0609300041 MW-10
Collected:08/22/2005 17:38 by FT

Account Number: 10904

Submitted: 08/25/2005 09:00
Reported: 09/07/2005 at 16:04
Discard: 10/08/2005

ChevronTexaco
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TUL10

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
06609	TPH-DRO CALUFT(Waters)	n.a.	N.D.	50.	ug/l	1
06054	BTEX+MTBE by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

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Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	08/29/2005 20:53	Brian C Veety	1
06609	TPH-DRO CALUFT(Waters)	CALUFT-DRO/8015B, Modified	1	08/31/2005 13:00	Tracy A Cole	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	08/29/2005 21:27	Dawn M Harle	1
01146	GC VOA Water Prep	SW-846 5030B	1	08/29/2005 20:53	Brian C Veety	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	08/29/2005 21:27	Dawn M Harle	n.a.
02135	Extraction - DRO Water Special	TPH by CA LUFT	1	08/30/2005 16:30	Olivia I Santiago	1

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Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax 717-656-2681 • www.lancasterlabs.com

Lancaster Laboratories Sample No. WW 4591180

MW-11-W-050822 Grab Water
Facility# 206459 Job# 386414 GRD
Hwy 139 & Main-Tulelake T0609300041 MW-11
Collected:08/22/2005 17:51 by FT

Account Number: 10904

Submitted: 08/25/2005 09:00
Reported: 09/07/2005 at 16:04
Discard: 10/08/2005

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TUL11

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
06609	TPH-DRO CALUFT(Waters)	n.a.	N.D.	50.	ug/l	1
06054	BTEX+MTBE by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	08/29/2005 21:22	Brian C Veety	1
06609	TPH-DRO CALUFT(Waters)	CALUFT-DRO/8015B, Modified	1	08/31/2005 13:23	Tracy A Cole	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	08/29/2005 21:51	Dawn M Harle	1
01146	GC VOA Water Prep	SW-846 5030B	1	08/29/2005 21:22	Brian C Veety	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	08/29/2005 21:51	Dawn M Harle	n.a.
02135	Extraction - DRO Water Special	TPH by CA LUFT	1	08/30/2005 16:30	Olivia I Santiago	1

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Analysis Report

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Lancaster Laboratories Sample No. WW 4591181

MW-12-W-050822 Grab Water
Facility# 206459 Job# 386414 GRD
Hwy 139 & Main-Tulelake T0609300041 MW-12
Collected:08/22/2005 18:30 by FT

Account Number: 10904

Submitted: 08/25/2005 09:00
Reported: 09/07/2005 at 16:04
Discard: 10/08/2005

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TUL12

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
06609	TPH-DRO CALUFT(Waters)	n.a.	350.	50.	ug/l	1
	The observed sample pattern is not typical of #2 fuel/diesel. It elutes in the DRO range later than #2 fuel.					
06054	BTEX+MTBE by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	08/29/2005 21:52	Brian C Veety	1
06609	TPH-DRO CALUFT(Waters)	CALUFT-DRO/8015B, Modified	1	08/31/2005 20:03	Tracy A Cole	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	08/29/2005 22:15	Dawn M Harle	1
01146	GC VOA Water Prep	SW-846 5030B	1	08/29/2005 21:52	Brian C Veety	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	08/29/2005 22:15	Dawn M Harle	n.a.
02135	Extraction - DRO Water Special	TPH by CA LUFT	1	08/30/2005 16:30	Olivia I Santiago	1

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Analysis Report

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Lancaster Laboratories Sample No. WW 4591182

MW-13-W-050822 Grab Water
Facility# 206459 Job# 386414 GRD
Hwy 139 & Main-Tulelake T0609300041 MW-13
Collected:08/22/2005 18:20 by FT

Account Number: 10904

Submitted: 08/25/2005 09:00
Reported: 09/07/2005 at 16:04
Discard: 10/08/2005

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TUL13

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
06609	TPH-DRO CALUFT(Waters)	n.a.	700.	50.	ug/l	1
	The observed sample pattern includes #2 fuel/diesel and an additional pattern which elutes later in the DRO range.					
06054	BTEX+MTBE by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	14.	0.5	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	08/29/2005 22:21	Brian C Veety	1
06609	TPH-DRO CALUFT(Waters)	CALUFT-DRO/8015B, Modified	1	08/31/2005 13:47	Tracy A Cole	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	08/29/2005 22:39	Dawn M Harle	1
01146	GC VOA Water Prep	SW-846 5030B	1	08/29/2005 22:21	Brian C Veety	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	08/29/2005 22:39	Dawn M Harle	n.a.
02135	Extraction - DRO Water Special	TPH by CA LUFT	1	08/30/2005 16:30	Olivia I Santiago	1

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Analysis Report

Quality Control Summary

Client Name: ChevronTexaco
Reported: 09/07/05 at 04:04 PM

Group Number: 956813

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 05237A08B	Sample number(s): 4591169							
TPH-GRO - Waters	N.D.	50.	ug/l	105	105	70-130	0	30
Batch number: 052390004A	Sample number(s): 4591170-4591175							
TPH-DRO CALUFT(Waters)	N.D.	29.	ug/l	85	93	64-125	8	20
Batch number: 05241A08B	Sample number(s): 4591171-4591172,4591178-4591182							
TPH-GRO - Waters	N.D.	50.	ug/l	108	111	70-130	2	30
Batch number: 05241A08C	Sample number(s): 4591170,4591173-4591174,4591176							
TPH-GRO - Waters	N.D.	50.	ug/l	108	111	70-130	2	30
Batch number: 05241A08D	Sample number(s): 4591175,4591177							
TPH-GRO - Waters	N.D.	50.	ug/l	108	111	70-130	2	30
Batch number: 052420002A	Sample number(s): 4591176-4591182							
TPH-DRO CALUFT(Waters)	N.D.	50.	ug/l	94		64-125		
Batch number: Z052411AA	Sample number(s): 4591169-4591177							
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	99		77-127		
Benzene	N.D.	0.5	ug/l	95		85-117		
Toluene	N.D.	0.5	ug/l	97		85-115		
Ethylbenzene	N.D.	0.5	ug/l	99		82-119		
Xylene (Total)	N.D.	0.5	ug/l	99		83-113		
Batch number: Z052413AA	Sample number(s): 4591178-4591182							
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	99		77-127		
Benzene	N.D.	0.5	ug/l	96		85-117		
Toluene	N.D.	0.5	ug/l	99		85-115		
Ethylbenzene	N.D.	0.5	ug/l	99		82-119		
Xylene (Total)	N.D.	0.5	ug/l	99		83-113		

Sample Matrix Quality Control

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 05237A08B	Sample number(s): 4591169								
TPH-GRO - Waters	72		63-154						
Batch number: 05241A08B	Sample number(s): 4591171-4591172,4591178-4591182								
TPH-GRO - Waters	129		63-154						

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The background result was more than four times the spike added.

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Analysis Report

Quality Control Summary

Client Name: ChevronTexaco
Reported: 09/07/05 at 04:04 PM

Group Number: 956813

Sample Matrix Quality Control

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 05241A08C	Sample number(s): 4591170,4591173-4591174,4591176								
TPH-GRO - Waters	129		63-154						
Batch number: 05241A08D	Sample number(s): 4591175,4591177								
TPH-GRO - Waters	129		63-154						
Batch number: Z052411AA	Sample number(s): 4591169-4591177								
Methyl Tertiary Butyl Ether	102	101	69-134	1	30				
Benzene	101	100	83-128	1	30				
Toluene	102	104	83-127	2	30				
Ethylbenzene	103	104	82-129	0	30				
Xylene (Total)	102	102	82-130	0	30				
Batch number: Z052413AA	Sample number(s): 4591178-4591182								
Methyl Tertiary Butyl Ether	107	109	69-134	1	30				
Benzene	103	104	83-128	1	30				
Toluene	103	104	83-127	1	30				
Ethylbenzene	101	103	82-129	2	30				
Xylene (Total)	99	100	82-130	1	30				

Surrogate Quality Control

Analysis Name: TPH-GRO - Waters
Batch number: 05237A08B

	Trifluorotoluene-F
4591169	92
Blank	91
LCS	94
LCSD	93
MS	92
Limits:	63-135

Analysis Name: TPH-DRO CALUFT(Waters)
Batch number: 052390004A

	Orthoterphenyl
4591170	0*
4591171	88
4591172	69
4591173	265*
4591174	556*
4591175	0*
Blank	73
LCS	99
LCSD	106
Limits:	52-134

Analysis Name: TPH-GRO - Waters

*- Outside of specification
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(2) The background result was more than four times the spike added.

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Analysis Report

Quality Control Summary

Client Name: ChevronTexaco
Reported: 09/07/05 at 04:04 PM

Group Number: 956813

Surrogate Quality Control

Batch number: 05241A08B

	Trifluorotoluene-F
4591171	93
4591172	98
4591178	92
4591179	93
4591180	91
4591181	92
4591182	93
Blank	93
LCS	94
LCSD	94
MS	93
Limits:	63-135

Analysis Name: TPH-GRO - Waters
Batch number: 05241A08C

	Trifluorotoluene-F
4591170	95
4591173	93
4591174	96
4591176	93
Blank	91
LCS	94
LCSD	94
MS	93
Limits:	63-135

Analysis Name: TPH-GRO - Waters
Batch number: 05241A08D

	Trifluorotoluene-F
4591175	92
4591177	89
Blank	92
LCS	94
LCSD	94
MS	93
Limits:	63-135

Analysis Name: TPH-DRO CALUFT(Waters)
Batch number: 052420002A

	Orthoterphenyl
4591176	118
4591177	203*
4591178	70
4591179	88
4591180	85
4591181	67
4591182	83
Blank	91
LCS	105

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
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Analysis Report

Quality Control Summary

Client Name: ChevronTexaco
Reported: 09/07/05 at 04:04 PM

Group Number: 956813

Surrogate Quality Control

Limits: 52-134

Analysis Name: BTEX+MTBE by 8260B
Batch number: Z052411AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4591169	98	97	93	92
4591170	95	96	93	102
4591171	97	96	93	91
4591172	95	96	93	97
4591173	96	93	92	99
4591174	95	92	94	93
4591175	94	93	94	94
4591176	94	91	92	94
4591177	95	92	92	93
Blank	99	99	94	91
LCS	97	97	93	94
MS	97	98	93	96
MSD	96	97	94	96
Limits:	81-120	82-112	85-112	83-113

Analysis Name: BTEX+MTBE by 8260B
Batch number: Z052413AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4591178	96	94	92	93
4591179	96	94	94	91
4591180	96	95	94	91
4591181	97	95	91	90
4591182	96	94	91	90
Blank	96	94	94	90
LCS	94	92	94	95
MS	95	94	93	93
MSD	95	93	93	94
Limits:	81-120	82-112	85-112	83-113

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The background result was more than four times the spike added.

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2425 New Holland Pike • Lancaster, PA 17601

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

N.D.	none detected	**BMQL**	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	**MPN**	Most Probable Number
IU	International Units	**CP Units**	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	**NTU**	nephelometric turbidity units
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
ug	microgram(s)	**mg**	milligram(s)
ml	milliliter(s)	**l**	liter(s)
m3	cubic meter(s)	**ul**	microliter(s)

< less than - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

J estimated value – The result is ≥ the Method Detection Limit (MDL) and < the Limit of Quantitation (LOQ).

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quantitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike sample not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

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