GETTLER-RYAN INC.

TRANSMITTAL

December 8, 2005
G-R #386931

TO: Mr. Ian Robb
Cambria Environmental Technology, Inc.
5900 Hollis Street, Suite A
Emeryville, CA 94608

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

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

RE: Former Texaco Service Station
275 Highway 101
Crescent City, California
(Site #211307)

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
1	December 8, 2005	Groundwater Monitoring and Sampling Report Fourth Quarter - Event of October 31, 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 ***December 21, 2005***, at which time the final report will be distributed to the following:

cc: Ms. Lisa Bernard, North Coast - RWQCB, 5550 Skylane Blvd., Suite A, Santa Rosa, CA 95403
Mr. Leon Perrault, County of Del Norte Health Department, 880 Northcrest Dr., Crescent City, CA 95531
Mr. Mike Foget, SHN Consulting Engineers & Geologists, Inc., 812 W. Wabash, Eureka, CA 95501-2138
Mr. Harold Justice, Justice & Justice Distributing, 485 Esta Ave., Crescent City, CA 95531
Mr. Thomas Kosel, ConocoPhillips Company, 76 Broadway Avenue, Sacramento, CA 95818

Enclosures

trans/211307-MI

GETTLER-RYAN INC.

December 8, 2005
G-R Job #386931

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

RE: Fourth Quarter Event of October 31, 2005
Groundwater Monitoring & Sampling Report
Former Texaco Service Station
275 Highway 101
Crescent City, California
(Site #211307)

Dear Mr. Inglis:

This report documents the most recent groundwater monitoring and sampling event performed by Gettler-Ryan Inc. (G-R) at the referenced site. All field work was conducted in accordance with G-R Standard Operating Procedure - Groundwater Sampling (attached). A joint monitoring event is conducted with Tosco (Former Unocal) Bulk Plant #0140, located at 255 State Highway 101 South, Crescent City, California, during the 2nd and 4th quarters.

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. A Concentration Map is included as Figure 2. 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,

Deanna L. Harding
Project Coordinator

Robert A. Lauritzen
Senior Geologist, P.G. No. 7504

PROFESSIONAL GEOLOGIST • ROBERT A. LAURITZEN • No. 7504 • STATE OF CALIFORNIA

Figure 1:	Potentiometric Map
Figure 2:	Concentration Map
Table 1:	Groundwater Monitoring Data and Analytical Results
Table 2:	Groundwater Analytical Results - PNA's
Attachments:	Standard Operating Procedure - Groundwater Sampling
	Field Data Sheets
	Chain of Custody Document and Laboratory Analytical Reports

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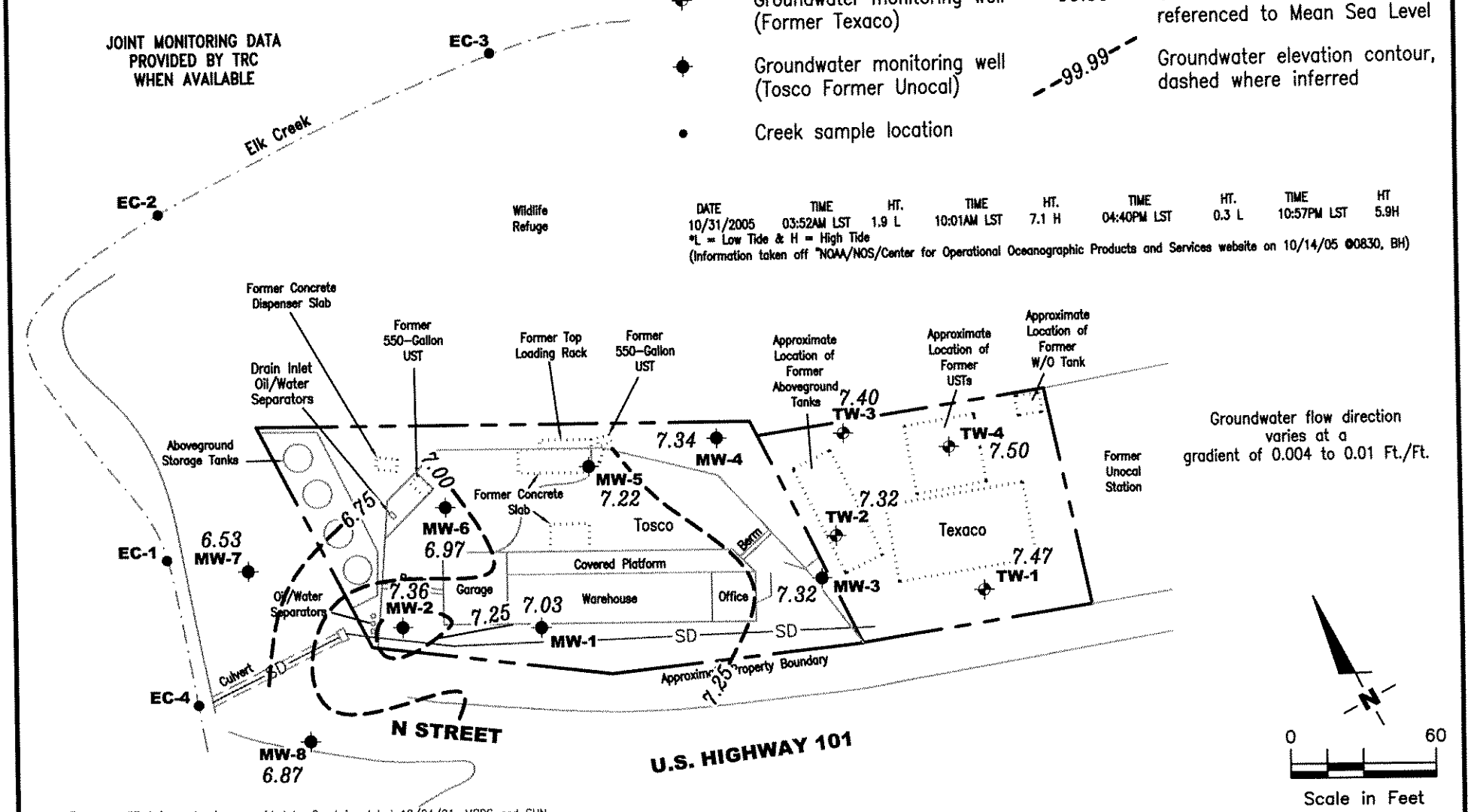
EXPLANATION

- Groundwater monitoring well (Former Texaco) — 99.99 — Groundwater elevation in feet referenced to Mean Sea Level
- Groundwater monitoring well (Tosco Former Unocal) — 99.99 — Groundwater elevation contour, dashed where inferred
- Creek sample location

DATE	TIME	HT.	TIME	HT.	TIME	HT.	TIME	HT
10/31/2005	03:52AM LST	1.9 L	10:01AM LST	7.1 H	04:40PM LST	0.3 L	10:57PM LST	5.9H

*L = Low Tide & H = High Tide
(Information taken off "NOAA/NOS/Center for Operational Oceanographic Products and Services website on 10/14/05 @0830, BH)



Source: Figure modified from drawings provided by Cambria, dated 12/04/01, MPDS and SHN

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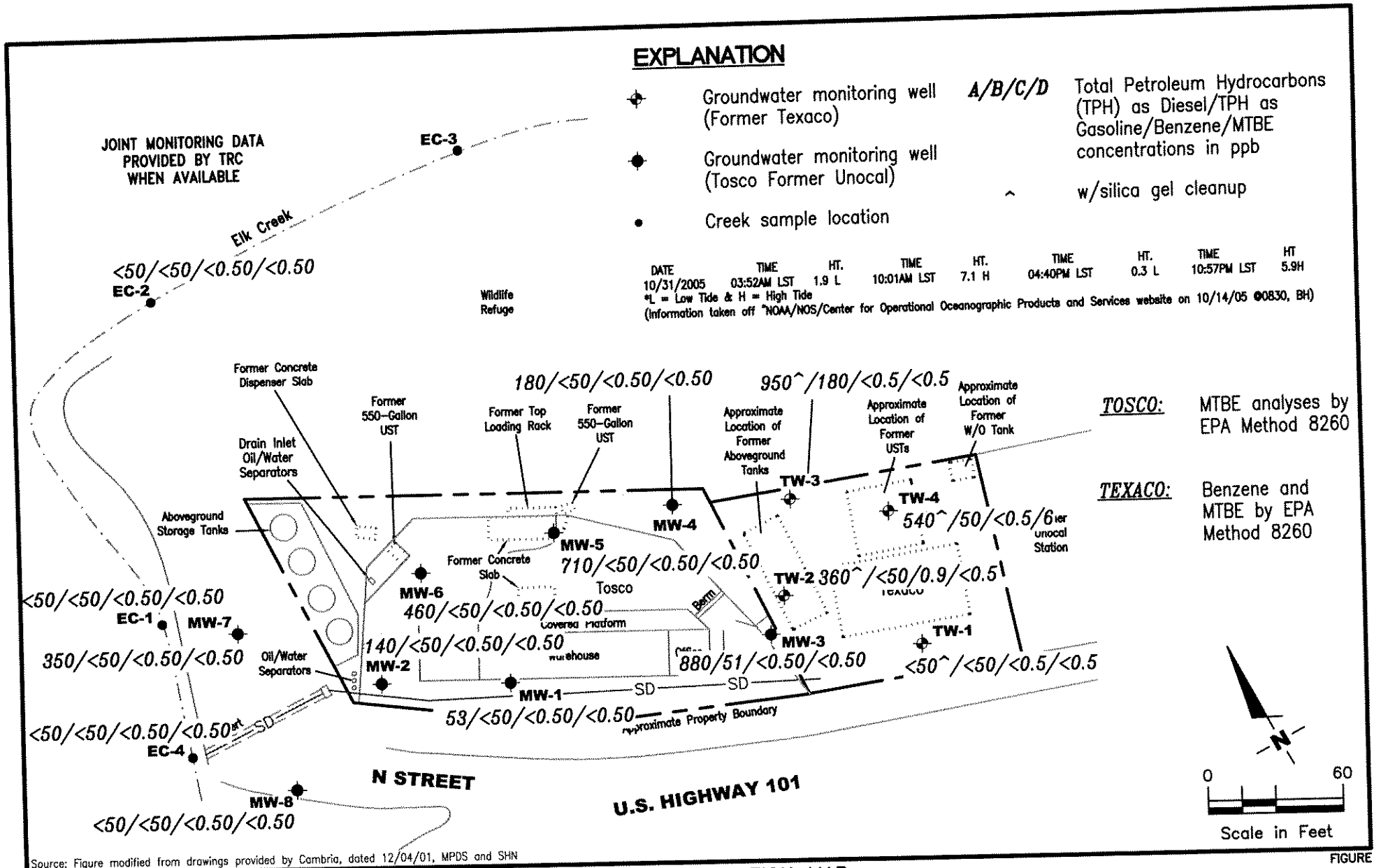
POTENTIOMETRIC MAP
Former Texaco Service Station
275 Highway 101
Crescent City, California (Site #211307)

FIGURE 1

PROJECT NUMBER	REVIEWED BY	DATE	REVISED DATE
386931		October 31, 2005	

FILE NAME: P:\Enviro\Texaco\211307\Q05-211307JM.dwg | Layout Tab: Pot4



Source: Figure modified from drawings provided by Cambria, dated 12/04/01, MPDS and SHN

FIGURE 2

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

CONCENTRATION MAP
Former Texaco Service Station
275 Highway 101
Crescent City, California (Site #211307)

PROJECT NUMBER 386931 | REVIEWED BY | DATE October 31, 2005 | REVISED DATE

FILE NAME: P:\Enviro\Texaco\211307\Q05-211307JM.dwg | Layout Tab: Con4

Table 1

Groundwater Monitoring Data and Analytical Results

Former Texaco Service Station (Site #211307)

275 Highway 101

Cresent City, California

WELL ID/	TOC* (ft.)	DTW (ft.)	GWE (msl)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE by 8020 (ppb)	MTBE by 8260 (ppb)	TPH-MO (ppb)
TW-1												
6/27/2000	10.70	3.38	7.32	147	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	<2.00	525
8/16/2000	10.70	4.02	6.68	80.4	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--	<500
11/7/2000	10.70	3.12	7.58	77.4	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--	<500
02/07/01[1]	10.70	2.95	7.75	<50	<50	<0.50	<0.50	<0.50	<0.50	--	<5.0	220
06/05/01[1,2]	10.70	3.66	7.04	90	<50	<0.50	<0.50	<0.50	<0.50	--	<0.50	<100
08/08/01[1,2]	10.70	4.22	6.48	<50	<50	<0.50	<0.50	<0.50	<0.50	--	<5.0	180
12/04/01[1,2]	10.70	1.90	8.80	<50	<50	<0.50	<0.50	<0.50	<0.50	--	<5.0	<5,000
03/13/02[1,2]	10.70	1.82	8.88	130	<50	<0.50	<0.50	<0.50	<0.50	--	<5.0	<5,000
06/20/02[1,2]	10.68	3.51	7.17	210[3]	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	<400
08/14/02[4]	10.68	4.32	6.36	92[3]	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<400
11/13/02[5]	10.68	3.01	7.67	62[6]	<50	<0.50	<0.50	<0.50	<0.50	--	<0.50	<170
02/12/03[5]	10.68	2.62	8.06	<50[3]	<50	<0.50	<0.50	<0.50	<0.50	--	<0.50	<120
05/15/03[4]	10.68	2.72	7.96	[6]63/<50[3]	<50	<0.50	<0.50	<0.50	<0.50	--	<0.50	<120
08/13/03[4]	10.68	4.42	6.26	82/61[3,6]	<50	<0.50	<0.50	<0.50	<0.50	--	<0.50	<120
11/05/03[4]	10.68	4.26	6.42	66[3,6]	<50	<0.50	<0.50	<0.50	<0.50	--	<0.50	120[6]
02/04/04[4]	10.68	2.25	8.43	<250[3]	<50	<0.5	<0.5	<0.5	0.7	--	<0.5	<400
05/05/04[4]	10.68	3.05	7.63	<50[3]	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<40
08/02/04[4]	10.68	4.17	6.51	180[3]	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	200
11/08/04[4]	10.68	3.11	7.57	69[3]	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	290
01/31/05[4]	10.68	2.47	8.21	160[3,8]	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	140
05/02/05[4]	10.68	2.79	7.89	<50[3]	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<80
08/04/05[4]	10.68	3.77	6.91	<50[3]	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	250
10/31/05[4]	**10.68**	**3.21**	**7.47**	**<50[3]**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**--**	**<0.5**	**270**
TW-2												
6/27/2000	11.22	4.33	6.89	804	74.8	4.61	<0.500	<0.500	<0.500	<2.50	<2.00	897
8/16/2000	11.22	4.83	6.39	1,690	131	7.24	<0.500	<0.500	<0.500	<2.50	--	1,140
11/7/2000	11.22	3.90	7.32	1,170	108	4.11	<0.500	<0.500	<0.500	<2.50	--	1,100
02/07/01[1]	11.22	3.80	7.42	1,200	110	3.2	<0.50	<0.50	<0.50	--	<5.0	<100
06/05/01[1,2]	11.22	4.55	6.67	640	170	4.2	<0.50	<0.50	0.56	--	<0.50	<100

Table 1

Groundwater Monitoring Data and Analytical Results

Former Texaco Service Station (Site #211307)

275 Highway 101

Cresent City, California

WELL ID/	TOC* (ft.)	DTW (ft.)	GWE (msl)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE by 8020 (ppb)	MTBE by 8260 (ppb)	TPH-MO (ppb)
TW-2 (cont)												
08/08/01[1,2]	11.22	5.01	6.21	760	250	6.2	<0.50	<0.50	0.80	--	<5.0	<100
12/04/01[1,2]	11.22	2.56	8.66	130	150	3.3	<0.50	<0.50	<0.50	--	<5.0	<5,000
03/13/02[1,2]	11.22	2.40	8.82	3,000	75	1.1	<0.50	<0.50	<0.50	--	<5.0	<5,000
06/20/02[1,2]	11.19	4.20	6.99	2,200[3]	110	4.2	<0.50	<0.50	<1.5	<2.5	--	1,300
08/14/02[4]	11.19	5.02	6.17	1,400[3]	270	8	<0.5	<0.5	<0.5	--	<0.5	<400
11/13/02[5]	11.19	3.61	7.58	470[6]	<50	2.4	<0.50	<0.50	<0.50	--	0.52	360[6]
02/12/03[5]	11.19	3.21	7.98	260[3,6]	54	1.5	<0.50	<0.50	0.82	--	<0.50	820[6]
05/15/03[4]	11.19	3.56	7.63	[6]1,200/220[3,6,7]	<50	0.81	<0.50	<0.50	<0.50	--	<0.50	1,100[6]
08/13/03[4]	11.19	5.12	6.07	[6]1,300/750[3,6]	<50	<0.50	<0.50	<0.50	<0.50	--	<0.50	1,500[6]
11/05/03[4]	11.19	4.98	6.21	390[3,6]	79	6.7	0.55	<0.50	0.69	--	<0.50	<1,200
02/04/04[4]	11.19	2.87	8.32	620[3]	76	1	<0.5	<0.5	<0.5	--	<0.5	1,700
05/05/04[4]	11.19	3.91	7.28	1,300[3]	<50	1	<0.5	<0.5	<0.5	--	<0.5	810
08/02/04[4]	11.19	4.86	6.33	1,100[3]	130	4	<0.5	<0.5	<0.5	--	<0.5	760
11/08/04[4]	11.19	3.84	7.35	940[3]	80	2	<0.5	<0.5	<0.5	--	<0.5	1,800
01/31/05[4]	11.19	3.29	7.90	1,300[3]	<50	0.9	<0.5	<0.5	<0.5	--	<0.5	1,600
05/02/05[4]	11.19	3.70	7.49	620[3]	52	0.9	<0.5	<0.5	<0.5	--	<0.5	980
08/04/05[4]	11.19	4.55	6.64	860[3,9]	97	2	<0.5	<0.5	<0.5	--	<0.5	2,100
10/31/05[4]	**11.19**	**3.87**	**7.32**	**360[3,9]**	**<50**	**0.9**	**<0.5**	**<0.5**	**<0.5**	**--**	**<0.5**	**890**
TW-3												
6/27/2000	11.57	4.75	6.82	1,960	774	4.64	2.58	1.10	6.40	<2.50	<2.00	1,830
8/16/2000	11.57	5.31	6.26	1,050	241	1.24	0.998	<0.500	1.29	<2.50	--	964
11/7/2000	11.57	4.20	7.37	1,630	486	2.06	<0.500	0.556	3.00	<2.50	--	1,540
02/07/01[1]	11.57	4.16	7.41	2,800	920	2.4	0.58	0.69	4.6	--	<5.0	<100
06/05/01[1,2]	11.57	5.00	6.57	630	730	1.1	<0.50	<0.50	2.3	--	<0.50	<100
08/08/01[1,2]	11.57	5.47	6.10	410	110	0.64	<0.50	<0.50	<0.50	--	<5.0	<100
12/04/01[1,2]	11.57	2.85	8.72	460	1,200	2.0	0.54	<0.50	4.3	--	<5.0	<5,000
03/13/02[1,2]	11.57	2.62	8.95	2,200	<50	<0.50	<0.50	<0.50	<0.50	--	<5.0	<5,000
06/20/02[1,2]	11.55	4.65	6.90	2,100[3]	410	0.59	<0.50	0.99	2.7	<2.5	--	1,400
08/14/02[4]	11.55	5.43	6.12	600[3]	120	<0.5	<0.5	<0.5	<0.5	--	<0.5	<400

Table 1

Groundwater Monitoring Data and Analytical Results

Former Texaco Service Station (Site #211307)

275 Highway 101

Cresent City, California

WELL ID/	TOC* (ft.)	DTW (ft.)	GWE (msl)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE by 8020 (ppb)	MTBE by 8260 (ppb)	TPH-MO (ppb)
TW-3 (cont)												
11/13/02[5]	11.55	3.82	7.73	510[6]	<50	<0.50	<0.50	<0.50	<0.50	--	<0.50	480[6]
02/12/03[5]	11.55	3.22	8.33	450[3,6]	350	1.5	0.60	0.75	3.7	--	<0.50	1,500[6]
05/15/03[4]	11.55	3.96	7.59	[6]2,900/640[3,6]	220	1.2	0.54	0.61	4.0	--	<0.50	2,200[6]
08/13/03[4]	11.55	5.54	6.01	[6]1,300/850[3,6]	<50	<0.50	<0.50	<0.50	<0.50	--	<0.50	1,400[6]
11/05/03[4]	11.55	5.35	6.20	150[3,6]	<50	<0.50	<0.50	<0.50	<0.50	--	<0.50	580[6]
02/04/04[4]	11.55	3.16	8.39	2,100[3]	570	0.6	<0.5	0.5	2	--	<0.5	4,300
05/05/04[4]	11.55	4.30	7.25	3,100[3]	490	0.9	<0.5	<0.5	4	--	<0.5	2,400
08/02/04[4]	11.55	5.28	6.27	930[3]	64	<0.5	<0.5	<0.5	<0.5	--	<0.5	730
11/08/04[4]	11.55	4.17	7.38	1,500[3]	370	0.6	<0.5	<0.5	1	--	<0.5	2,300
01/31/05[4]	11.55	3.46	8.09	3,500[3]	550	0.6	<0.5	<0.5	2	--	<0.5	5,600
05/02/05[4]	11.55	4.11	7.44	1,600[3]	670	0.5	<0.5	<0.5	2	--	<0.5	2,400
08/04/05[4]	11.55	4.95	6.60	840[3,9]	88	<0.5	<0.5	<0.5	<0.5	--	<0.5	2,300
10/31/05[4]	**11.55**	**4.15**	**7.40**	**950[3,9]**	**180**	**<0.5**	**<0.5**	**<0.5**	**0.5**	**--**	**<0.5**	**2,300**
TW-4												
6/27/2000	11.05	4.08	6.97	1,020	92.2	<0.500	<0.500	<0.500	<0.500	3.41	3.53	1,180
8/16/2000	11.05	4.64	6.41	1,200	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--	949
11/7/2000	11.05	3.50	7.55	956	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--	1,210
02/07/01[1]	11.05	3.47	7.58	1,800	<50	<0.50	<0.50	<0.50	<0.50	--	<5.0	<100
06/05/01[1,2]	11.05	4.28	6.77	4,300	<50	<0.50	<0.50	<0.50	<0.50	--	1.7	<100
08/08/01[1,2]	11.05	4.78	6.27	2,400	<50	<0.50	<0.50	<0.50	<0.50	--	<5.0	1,100
12/04/01[1,2]	11.05	2.74	8.31	<50	<50	<0.50	<0.50	<0.50	<0.50	--	<5.0	<5,000
03/13/02[1,2]	11.05	1.95	9.10	240	630	1.3	<0.50	<0.50	2.5	--	<5.0	<5,000
06/20/02[1,2]	11.03	4.00	7.03	3,100[3]	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	2,800
08/14/02[4]	11.03	4.82	6.21	4,700[3]	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<400
11/13/02[5]	11.03	3.27	7.76	370[6]	<50	<0.50	<0.50	<0.50	<0.50	--	2.0	440[6]
02/12/03[5]	11.03	2.87	8.16	210[3,6]	<50	<0.50	<0.50	<0.50	<0.50	--	<0.50	<1,200
05/15/03[4]	11.03	3.28	7.75	[6]1,600/240[3,6]	<50	<0.50	<0.50	<0.50	<0.50	--	<0.50	1,600[6]
08/13/03[4]	11.03	4.91	6.12	[6]1,300/700[3,6]	<50	<0.50	<0.50	<0.50	<0.50	--	<0.50	1,500[6]
11/05/03[4]	11.03	4.71	6.32	940[3,6]	<50	<0.50	<0.50	<0.50	<0.50	--	0.64	2,000[6]

Table 1

Groundwater Monitoring Data and Analytical Results

Former Texaco Service Station (Site #211307)

275 Highway 101

Cresent City, California

WELL ID/	TOC* (ft.)	DTW (ft.)	GWE (msl)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE by 8020 (ppb)	MTBE by 8260 (ppb)	TPH-MO (ppb)
TW-4 (cont)												
02/04/04[4]	11.03	2.54	8.49	890[3]	<50	<0.5	0.6	<0.5	3	--	<0.5	2,400
05/05/04[4]	11.03	3.61	7.42	3,500[3]	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	1,700
08/02/04[4]	11.03	4.69	6.34	1,700[3]	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	1,600
11/08/04[4]	11.03	3.52	7.51	1,500[3]	<50	<0.5	<0.5	<0.5	<0.5	--	0.6	2,600
01/31/05[4]	11.03	2.82	8.21	3,100[3]	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	4,900
05/02/05[4]	11.03	3.40	7.63	1,000[3]	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	2,000
08/04/05[4]	11.03	4.23	6.80	2,000[3,9]	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	3,900
10/31/05[4]	**11.03**	**3.53**	**7.50**	**540[3,9]**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**--**	**6**	**860**
TRIP BLANK												
QA												
06/20/02	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--
08/14/02[4]	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
11/13/02[5]	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	--	<0.50	--
02/12/03[5]	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	--	<0.50	--
5/15/2003	--	--	--	--	<50	--	--	--	--	--	--	--
08/13/03[4]	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	--	<0.50	--
11/05/03[4]	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	--	<0.50	--
02/04/04[4]	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
05/05/04[4]	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
08/02/04[4]	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
11/08/04[4]	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
01/31/05[4]	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
05/02/05[4]	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
08/04/05[4]	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
10/31/05[4]	**--**	**--**	**--**	**--**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**--**	**<0.5**	**--**

Table 1

Groundwater Monitoring Data and Analytical Results

Former Texaco Service Station (Site #211307)

275 Highway 101

Cresent City, California

EXPLANATIONS:

Groundwater monitoring data and laboratory analytical results prior to June 20, 2002, were complied from reports prepared by Blaine Tech Services, Inc.

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

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

TPH-MO = Total Petroleum Hydrocarbons as Motor Oil
(ppb) = Parts per billion
-- = Not Measured/Not Analyzed
QA = Quality Assurance/Trip Blank

* TOC elevations are referenced to msl. TOC elevations re-surveyed on May 5, 2002, by Virgil Chavez Land Surveying of Vallejo, California. The benchmark used for this survey was a NGS disk stamped No. 23 1972 located at 444 Highway 101 South Northeast corner of the sidewalk of the Town Motel, 2.0 feet northwest of the face of the office. (Benchmark Elevation 15.67 feet NAVD 88). Wells surveyed August 4, 2000, by Virgil Chavez Land Surveying of Vallejo, California.

[1] TPH-G and BTEX by EPA Method 8260B; prior to February 7, 2001; TPH-G was analyzed by EPA Method 8015 and BTEX by EPA Method 8020.

[2] TPH-MO and TPH-D by modified EPA Method 8015 with silica gel; prior to June 5, 2001, analyzed without silica gel.

[3] TPH-D with silica gel clean-up.

[4] BTEX by EPA Method 8260.

[5] TPH-G and BTEX by EPA Method 8260.

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

[7] Laboratory report indicates this sample was extracted beyond the EPA recommended holding time.

[8] Laboratory report indicates the observed sample pattern is not typical of diesel/#2 fuel oil.

[9] Laboratory report indicates the observed sample pattern includes #2 fuel/diesel and an additional pattern which elutes later in the DRO range.

Table 2

Groundwater Analytical Results

Former Texaco Service Station (Site #211307)

275 Highway 101

Crescent City, California

WELL ID	DATE	Naphthalene (ppb)	Acenaphthylene (ppb)	Acenaphthene (ppb)	Fluorene (ppb)	Phenanthrene (ppb)	Anthracene (ppb)	Fluoranthene (ppb)	Pyrene (ppb)	Benzo (a) Anthracene (ppb)	Chrysene (ppb)	Benzo (b) Fluoranthene (ppb)	Benzo (k) Fluoranthene (ppb)	Benzo (a) Pyrene (ppb)	Dibenz (a,h) Anthracene (ppb)	Benzo (g,h,i) Perylene (ppb)	Indeno (1,2,3-c,d) Pyrene (ppb)
TW-1	06/05/01	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.2	<1.0	<1.0	<1.0
	08/08/01	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.2	<1.0	<1.0	<1.0
	12/04/01	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.2	<1.0	<1.0	<1.0
	03/13/02	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<0.24	<1.2	<1.2	<1.2
	06/20/02	<1	<0.8	<0.8	<0.2	<0.08	<0.04	<0.04	<0.2	<0.02	<0.08	<0.04	<0.02	<0.02	<0.04	<0.1	<0.08
	08/14/02	<1.0	<0.80	<0.80	<0.20	<0.080	<0.040	<0.040	<0.20	<0.020	<0.080	<0.040	<0.020	<0.020	<0.040	<0.10	<0.080
	11/13/02	<5.1	<10	<10	<1.0	<0.51	<0.51	<1.0	<1.0	<0.51	<0.51	<1.0	<0.51	<0.51	<2.0	<2.0	<0.51
	02/12/03	<4.9	<9.8	<9.8	<0.98	<0.49	<0.49	<0.98	<0.98	<0.49	<0.49	<0.98	<0.49	<0.49	<2.0	<2.0	<0.49
	05/15/03	<0.50	<1.0	<0.50	<0.10	<0.050	<0.050	<0.10	<0.050	<0.050	<0.050	<0.10	<0.050	<0.050	<0.20	<0.10	<0.050
	08/13/03	<0.50	<1.0	<0.050	<0.10	<0.050	<0.050	<0.10	<0.050	<0.050	<0.050	<0.10	<0.050	<0.050	<0.20	<0.10	<0.050
	11/05/03	<4.8	<9.6	<9.6	<0.96	<0.48	<0.48	<0.96	<0.96	<0.48	<0.48	<0.96	<0.48	<0.48	<1.9	<1.9	<0.48
	02/04/04	<1.3	<1.5	<1.5	<0.17	<0.076	<0.038	<0.038	<0.17	<0.019	<0.076	<0.038	<0.019	<0.019	<0.038	<0.095	<0.076
	05/05/04	<1.6	<1.6	<1.6	<0.18	<0.078	<0.039	<0.039	<0.18	<0.020	<0.078	<0.039	<0.020	<0.020	<0.039	<0.098	<0.078
	08/02/04	<0.01	<0.01	<0.01	<0.01	0.01	<0.02	<0.01	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.02	<0.02	<0.02
	11/08/04	0.012	<0.0021	<0.0021	0.0041	0.018	0.0069	0.0091	0.0066	0.0027	0.0048	0.0034	0.0022	0.0025	<0.0021	0.0047	0.0030
	01/31/05	0.068	<0.019	<0.019	<0.019	0.022	<0.019	<0.019	<0.019	<0.019	<0.019	<0.019	<0.019	<0.019	<0.019	<0.019	<0.019
	05/02/05	0.021	<0.0019	<0.0019	0.0040	0.0088	0.0039	0.0027	0.0028	<0.0019	<0.0019	<0.0019	<0.0019	<0.0019	<0.0019	0.0031	<0.0019
	08/04/05	0.017	0.0040	<0.0020	0.0056	0.012	0.0049	0.0036	0.0031	<0.0020	0.0023	0.0046	<0.0020	0.0022	<0.0020	0.0039	<0.0020
	10/31/05	**0.022**	**0.0029**	**<0.0019**	**<0.0019**	**0.011**	**0.0077**	**0.0049**	**0.0053**	**<0.0019**	**<0.0019**	**<0.0019**	**<0.0019**	**<0.0019**	**<0.0019**	**0.0044**	**<0.0019**
TW-2	06/05/01	1.4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.2	<1.0	<1.0	<1.0
	08/08/01	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.2	<1.0	<1.0	<1.0
	12/04/01	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.2	<1.0	<1.0	<1.0
	03/13/02	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.20	<1.0	<1.0	<1.0
	06/20/02	<1	<0.8	<0.8	0.3	<0.08	<0.04	<0.04	<0.2	<0.02	<0.08	<0.04	<0.02	<0.02	<0.04	<0.1	<0.08
	08/14/02	<1.0	<0.80	<0.80	0.49	<0.080	<0.040	<0.040	<0.20	<0.020	<0.080	<0.040	<0.020	<0.020	<0.040	<0.10	<0.080
	11/13/02	<5.1	<10	<10	<1.0	<0.51	<0.51	<1.0	<1.0	<0.51	<0.51	<1.0	<0.51	<0.51	<2.0	<2.0	<0.51
	02/12/03	<5.0	<9.9	<9.9	<0.99	<0.50	<0.50	<0.99	<0.99	<0.50	<0.50	<0.99	<0.50	<0.50	<2.0	<2.0	<0.50
	05/15/03	<0.51	<1.0	<0.51	<0.10	<0.051	<0.051	<0.10	<0.051	<0.051	<0.051	<0.10	<0.051	<0.051	<0.20	<0.10	<0.051

Table 2

Groundwater Analytical Results

Former Texaco Service Station (Site #211307)

275 Highway 101

Crescent City, California

WELL ID	DATE	Naphthalene (ppb)	Acenaphthylene (ppb)	Acenaphthene (ppb)	Fluorene (ppb)	Phenanthrene (ppb)	Anthracene (ppb)	Fluoranthene (ppb)	Pyrene (ppb)	Benzo (a) Anthracene (ppb)	Chrysene (ppb)	Benzo (b) Fluoranthene (ppb)	Benzo (k) Fluoranthene (ppb)	Benzo (a) Pyrene (ppb)	Dibenz (a,h) Anthracene (ppb)	Benzo (g,h,i) Perylene (ppb)	Indeno (1,2,3-c,d) Pyrene (ppb)
TW-2	08/13/03	<0.50	<1.0	<0.050	<0.10	<0.050	<0.050	<0.10	<0.050	<0.050	<0.050	<0.10	<0.050	<0.050	<0.20	<0.10	<0.050
(cont)	11/05/03	<4.9	<9.8	<9.8	<0.98	<0.49	<0.49	<0.98	<0.98	<0.49	<0.49	<0.98	<0.49	<0.49	<2.0	<2.0	<0.49
	02/04/04	<1.3	<1.5	<1.5	<0.17	<0.076	<0.50	<0.038	<0.17	<0.019	<0.076	<0.038	<0.019	<0.019	<0.038	<0.095	<0.076
	05/05/04	<1.5	<1.5	<1.5	0.18	<0.076	0.42	<0.038	<0.17	<0.019	<0.076	<0.038	<0.019	<0.019	<0.038	<0.095	<0.076
	08/02/04	0.2	0.02	0.08	0.1	0.02	0.02	0.01	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.02	<0.02	<0.02
	11/08/04	<0.0030	<0.0020	0.11	0.096	0.016	0.0058	0.0064	0.0091	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
	01/31/05	0.19	<0.020	0.10	0.076	0.037	0.033	0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
	05/02/05	<0.0029	<0.0019	0.11	0.11	0.013	0.030	<0.0019	<0.0019	<0.0019	<0.0019	<0.0019	<0.0019	<0.0019	<0.0019	<0.0019	<0.0019
	08/04/05	0.096	<0.0020	0.10	0.14	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	0.076	<0.0020	<0.0020	<0.0020
	10/31/05	**<0.0029**	**<0.0019**	**0.024**	**0.025**	**0.011**	**0.017**	**<0.0019**	**<0.0019**	**<0.0019**	**<0.0019**	**<0.0019**	**<0.0019**	**<0.0019**	**<0.0019**	**<0.0019**	**<0.0019**
TW-3	06/05/01	1.5	2.5	4.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.2	<1.0	<1.0	<1.0
	08/08/01	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.2	<1.0	<1.0	<1.0
	12/04/01	3.8	8.6	15	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.2	<1.0	<1.0	<1.0
	03/13/02	7.1	5.9	5.8	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.20	<1.0	<1.0	<1.0
	06/20/02	<1	<0.8	<0.8	0.3	<0.08	<0.04	<0.04	<0.2	<0.02	<0.08	<0.04	<0.02	<0.02	<0.04	<0.1	<0.08
	08/14/02	<1.0	<0.80	<0.80	<0.20	<0.080	<0.040	<0.040	<0.20	<0.020	<0.080	<0.040	<0.020	<0.020	<0.040	<0.10	<0.080
	11/13/02	<5.0	<10	<10	<1.0	<0.50		<1.0	<1.0	<0.50	<0.50	<1.0	<0.50	<0.50	<2.0	<2.0	<0.50
	02/12/03	<5.0	<10	<10	<1.0	<0.50	<0.50	<1.0	<1.0	<0.50	<0.50	<1.0	<0.50	<0.50	<2.0	<2.0	<0.50
	05/15/03	6.1	<1.0	<0.51	<0.10	<0.051	<0.051	<0.10	<0.051	<0.051	<0.051	<0.10	<0.051	<0.051	<0.20	<0.10	<0.051
	08/13/03	<0.50	<1.0	<0.050	<0.10	<0.050	<0.050	<0.10	<0.050	<0.050	<0.050	<0.10	<0.050	<0.050	<0.20	<0.10	<0.050
	11/05/03	<4.9	<9.7	<9.7	<0.97	<0.49	<0.49	<0.97	<0.97	<0.49	<0.49	<0.97	<0.49	<0.49	<1.9	<1.9	<0.49
	02/04/04	3.4	<1.6	<1.6	0.39	<0.078	<0.25	<0.039	<0.17	<0.019	<0.078	<0.039	<0.019	<0.019	<0.039	<0.097	<0.078
	05/05/04	11	<16	<1.6	0.96	0.082	0.14	<0.040	<0.18	<0.020	<0.081	<0.040	<0.020	<0.020	<0.040	<0.10	0.12
	08/02/04	0.4	0.03	0.03	0.02	0.02	<0.02	<0.01	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.02	<0.02	<0.02
	11/08/04	1.1	<0.0098	0.030	0.021	0.034	0.012	0.013	0.016	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098
	01/31/05	6.2	<0.019	0.071	0.044	0.046	<0.019	<0.019	<0.019	<0.019	<0.019	<0.019	<0.019	<0.019	<0.019	<0.019	<0.019
	05/02/05	8.6	<0.0019	0.054	0.044	<0.0019	<0.0019	<0.0019	<0.0019	<0.0019	<0.0019	<0.0019	<0.0019	<0.0019	<0.0019	<0.0019	<0.0019

Table 2

Groundwater Analytical Results

Former Texaco Service Station (Site #211307)
275 Highway 101
Crescent City, California

WELL ID	DATE	Naphthalene (ppb)	Acenaphthylene (ppb)	Acenaphthene (ppb)	Fluorene (ppb)	Phenanthrene (ppb)	Anthracene (ppb)	Fluoranthene (ppb)	Pyrene (ppb)	Benzo (a) Anthracene (ppb)	Chrysene (ppb)	Benzo (b) Fluoranthene (ppb)	Benzo (k) Fluoranthene (ppb)	Benzo (a) Pyrene (ppb)	Dibenz (a,h) Anthracene (ppb)	Benzo (g,h,i) Perylene (ppb)	Indeno (1,2,3-c,d) Pyrene (ppb)
TW-3	08/04/05	0.081	<0.020	0.036	<0.020	0.028	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
(cont)	**10/31/05**	**<0.0029**	**<0.0019**	**0.032**	**0.020**	**0.011**	**0.013**	**<0.0019**	**<0.0019**	**<0.0019**	**<0.0019**	**<0.0019**	**<0.0019**	**<0.0019**	**<0.0019**	**<0.0019**	**<0.0019**
TW-4	06/05/01	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.6	1.0	<1.0	<1.0
	08/08/01	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.2	<1.0	<1.0	<1.0
	12/04/01	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.2	<1.0	<1.0	<1.0
	03/13/02	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.20	<1.0	<1.0	<1.0
	06/20/02	<1	<0.8	<0.8	<0.2	<0.08	<0.04	<0.04	<0.2	<0.02	<0.08	<0.04	<0.02	<0.02	<0.04	<0.1	<0.08
	08/14/02	<1.0	<0.80	<0.80	<0.20	<0.080	<0.040	<0.040	<0.20	<0.020	<0.080	<0.040	<0.020	<0.020	<0.040	<0.10	<0.080
	11/13/02	<5.0	<10	<10	<1.0	<0.50	<0.50	<1.0	<1.0	<0.50	<0.50	<1.0	<0.50	<0.50	<2.0	<2.0	<0.50
	02/12/03	<5.0	<9.9	<9.9	<0.99	<0.50	<0.50	<0.99	<0.99	<0.50	<0.50	<0.99	<0.50	<0.50	<2.0	<2.0	<0.50
	05/15/03	<0.49	<0.98	<0.49	<0.098	<0.049	<0.049	<0.098	<0.049	<0.049	<0.049	<0.098	<0.049	<0.049	<0.20	<0.098	<0.049
	08/13/03	<0.50	<1.0	<0.050	<0.10	<0.050	<0.050	<0.10	<0.050	<0.050	<0.050	<0.10	<0.050	<0.050	<0.20	<0.10	<0.050
	11/05/03	<4.7	<9.4	<9.4	<0.94	<0.47	<0.47	<0.94	<0.94	<0.47	<0.47	<0.94	<0.47	<0.47	<1.9	<1.9	<0.47
	02/04/04	<1.3	<1.5	<1.5	<0.17	<0.077	<0.038	<0.038	<0.17	<0.019	<0.077	<0.038	<0.019	<0.019	<0.038	<0.096	<0.077
	05/05/04	<1.6	<1.6	<1.6	<0.18	<0.079	<0.039	<0.039	<0.18	<0.020	<0.079	<0.039	<0.020	<0.020	<0.039	<0.098	<0.079
	08/02/04	0.02	<0.01	<0.01	0.02	0.01	0.02	<0.01	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.02	<0.02	<0.02
	11/08/04	<0.014	<0.0095	<0.0095	0.021	0.022	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095
	01/31/05	0.21	<0.019	<0.019	0.040	<0.019	<0.019	<0.019	<0.019	<0.019	<0.019	<0.019	<0.019	<0.019	<0.019	<0.019	<0.019
	05/02/05	0.023	<0.0020	<0.0020	0.047	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
	08/04/05	0.036	<0.020	<0.020	0.047	0.028	0.027	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
	10/31/05	**0.036**	**<0.0019**	**0.0070**	**0.015**	**0.014**	**0.014**	**<0.0019**	**<0.0019**	**<0.0019**	**<0.0019**	**<0.0019**	**<0.0019**	**<0.0019**	**<0.0019**	**<0.0019**	**<0.0019**

EXPLANATIONS:

(ppb) = Parts per billion

ANALYTICAL METHODS:

EPA Method 8310/3510B for
Polynuclear Aromatic Hydrocarbon's (PNA's)

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 #211307 Job Number: 386931
Site Address: 275 Highway 101 Event Date: 10.31.05 (inclusive)
City: Crescent City, CA Sampler: FT

Well ID: TW-1 Date Monitored: 10.31.05 Well Condition: SEE PHOTO
Well Diameter: 2 in.
Total Depth: 10.35 ft.
Depth to Water: 3.21 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

7.14 xVF .17 = 1.21 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): 1431 Weather Conditions: CLOUDY
Sample Time/Date: 1447 / 10.31.05 Water Color: V. LT. brown Odor: yes
Purging Flow Rate: 1 gpm. Sediment Description:
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)
1434	1.0	6.74	197	19.6		
1437	2.0	6.67	200	19.4		
1440	3.5	6.61	220	19.1		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
TW-1	6 x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)
	2 x Amber	YES	NP	LANCASTER	TPH-Dw/sg
	2 x Amber	YES	NP	LANCASTER	TPH-MO
	2 x Amber	YES	Na2S2O3	LANCASTER	PAH'S(SW846/8270 LVI)

COMMENTS:

Add/Replaced Lock: ✓ Add/Replaced Plug: ✓ Size: 2"

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #211307 Job Number: 386931
Site Address: 275 Highway 101 Event Date: 10.31.05 (inclusive)
City: Crescent City, CA Sampler: FT

Well ID: TW-2 Date Monitored: 10.31.05 Well Condition: OK
Well Diameter: 2 in.
Total Depth: 9.91 ft.
Depth to Water: 3.87 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

6.04 xVF .17 = 1.02 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): 1502 Weather Conditions: CLOUDY
Sample Time/Date: 1517 / 10.31.05 Water Color: CLEAR Odor: YES
Purging Flow Rate: 1 gpm. Sediment Description:
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)
1505	1.0	6.90	375	17.9		
1508	2.0	6.88	379	17.9		
1511	3.0	6.82	375	18.0		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
TW-2	6 x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)
	2 x Amber	YES	NP	LANCASTER	TPH-Dw/sg
	2 x Amber	YES	NP	LANCASTER	TPH-MO
	2 x Amber	YES	Na2S2O3	LANCASTER	PAH'S(SW846/8270 LVI)

COMMENTS:

Add/Replaced Lock: ✓ Add/Replaced Plug: ✓ Size: 2"

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #211307 Job Number: 386931
Site Address: 275 Highway 101 Event Date: 10.31.05 (inclusive)
City: Crescent City, CA Sampler: FT

Well ID: TW- 3 Date Monitored: 10.31.05 Well Condition: PENCO 12" BOX 1 STRIPPED FLANGE
Well Diameter: 2 in.
Total Depth: 11.01 ft.
Depth to Water: 4.15 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

6.86 xVF .17 = 1.16 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): 1531 Weather Conditions: CLOUDY
Sample Time/Date: 1547 / 10.31.05 Water Color: CLEAR Odor: YES
Purging Flow Rate: 1 gpm. Sediment Description:
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)
1534	1.0	6.67	218	16.7		
1537	2.0	6.62	211	16.6		
1540	3.5	6.57	206	16.4		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
TW- 3	6 x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)
	2 x Amber	YES	NP	LANCASTER	TPH-Dw/sg
	2 x Amber	YES	NP	LANCASTER	TPH-MO
	2 x Amber	YES	Na2S2O3	LANCASTER	PAH'S(SW846/8270 LVI)

COMMENTS:

Add/Replaced Lock: ✓ Add/Replaced Plug: ✓ Size: 2"

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #211307 Job Number: 386931
Site Address: 275 Highway 101 Event Date: 10.31.05 (inclusive)
City: Crescent City, CA Sampler: ET

Well ID: TW- 4 Date Monitored: 10.31.05 Well Condition: OK
Well Diameter: 2 in.
Total Depth: 11.21 ft.
Depth to Water: 3.53 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

7.68 xVF .17 = 1.30 x3 case volume= Estimated Purge Volume: 4.0 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): 1600 Weather Conditions: CLOUDY
Sample Time/Date: 1619 / 10.31.05 Water Color: CLEAR Odor: YES
Purging Flow Rate: 1 gpm. Sediment Description:
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)
1603	1.5	6.69	242	16.2		
1606	3.0	6.65	246	16.3		
1609	4.0	6.60	248	16.4		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
TW- 4	6 x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)
	2 x Amber	YES	NP	LANCASTER	TPH-Dw/sg
	2 x Amber	YES	NP	LANCASTER	TPH-MO
	2 x Amber	YES	Na2S2O3	LANCASTER	PAH'S(SW846/8270 LVI)

COMMENTS:

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

Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

110205-18

For Lancaster Laboratories use only
Acct. #: 10904 Sample #: 4639997-01 SCR#: Group# 966045

Facility #: SS#211307-OML G-R#386931 Global ID#T0601500039
Site Address: 275 HIGHWAY 101, CRESCENT CITY, 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 TERRINONI
Service Order #: ☐ Non SAR:

Analyses Requested / Preservation Codes

Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Matrix: Water (☐ Potable ☐ NPDES)	Matrix: Oil ☐ Air ☐	Total Number of Containers	BTEX + MTBE 8260 ☒ 8021 ☐ (H)	TPH 8015 MOD GRO (H)	TPH 8015 MOD DRO ☒ Silica Gel Cleanup (H)	8260 full scan	Oxygenates	Lead 7420 ☐ 7421 ☐	TPH-MO (H)
QA	10-31-05					W			X	X					
TW-1	↓	1447	X			↓		10	X	X	X				X
TW-2		1517	X					10	X	X	X				X
TW-3		1547	X					10	X	X	X				X
TW-4	↓	1619	X			↓		10	X	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
"DETECTION LIMIT FOR TPH-MO MUST MEET LOWEST DETECTION LIMIT POSSIBLE"

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 need ☒ EDF/EDD
WIP (RWQCB)
Disk

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	11-2-05		[signature]	11-2-05	1630
[signature]	11-3-05	1530	Fed Ex	11-3-05	
Relinquished by Commercial Carrier: UPS FedEx Other			[signature]	11/4/05	0900

Temperature Upon Receipt 12 coolers C° 1.2° - 3.5° 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 966045. Samples arrived at the laboratory on Friday, November 04, 2005. The PO# for this group is 99011184 and the release number is INGLIS.

Client Description			Lancaster Labs Number
QA-T-051031	NA	Water	4639997
TW-1-W-051031	Grab	Water	4639998
TW-2-W-051031	Grab	Water	4639999
TW-3-W-051031	Grab	Water	4640000
TW-4-W-051031	Grab	Water	4640001

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

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
Lynn M Frederiksen at (717) 656-2300

Respectfully Submitted,

Melissa A McDermott

Melissa A. McDermott
Senior Chemist

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 4639997

QA-T-051031 NA Water GRD
Facility# 211307 Job# 386931
275 HWY 101-Crescent City T0601500039 QA
Collected:10/31/2005

Account Number: 10904

Submitted: 11/04/2005 09:00
Reported: 11/17/2005 at 15:13
Discard: 12/18/2005

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

275QA

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 GRO	1	11/07/2005 10:14	K. Robert Caulfeild-James	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	11/09/2005 01:47	Dawn M Harle	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/07/2005 10:14	K. Robert Caulfeild-James	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/09/2005 01:47	Dawn M Harle	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 4639998

TW-1-W-051031 Grab Water
Facility# 211307 Job# 386931 GRD
275 HWY 101-Crescent City T0601500039 TW-1
Collected:10/31/2005 14:47 by FT

Account Number: 10904

Submitted: 11/04/2005 09:00
Reported: 11/17/2005 at 15:13
Discard: 12/18/2005

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

275T1

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.					
06610	TPH-DRO CALUFT(Water) w/Si Gel	n.a.	N.D.	50.	ug/l	1
02500	TPH Fuels by GC (Waters)					
02501	Total TPH	n.a.	270.	40.	ug/l	1
02508	TPH Motor Oil C16-C36	n.a.	270.	40.	ug/l	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
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 GRO	1	11/07/2005 15:04	K. Robert Caulfeild-James	1
06610	TPH-DRO CALUFT(Water) w/Si Gel	CA LUFT DRO/SW-846 8015B mod	1	11/14/2005 21:58	Tracy A Cole	1
02500	TPH Fuels by GC (Waters)	SW-846 8015B modified	1	11/14/2005 17:08	Matthew E Barton	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	11/09/2005 08:19	Ginelle L Feister	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/07/2005 15:04	K. Robert Caulfeild-James	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/09/2005 08:19	Ginelle L Feister	n.a.
02135	Extraction - DRO Water Special	CA LUFT TPH	2	11/14/2005 06:30	Denise L Trimby	1
07003	Extraction - DRO (Waters)	SW-846 3510C	1	11/07/2005 02:15	Sherry L Morrow	1

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 4639999

TW-2-W-051031 Grab Water
Facility# 211307 Job# 386931 GRD
275 HWY 101-Crescent City T0601500039 TW-2
Collected:10/31/2005 15:17 by FT

Account Number: 10904

Submitted: 11/04/2005 09:00
Reported: 11/17/2005 at 15:13
Discard: 12/18/2005

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

275T2

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.					
06610	TPH-DRO CALUFT(Water) w/Si Gel	n.a.	360.	50.	ug/l	1
	The observed sample pattern includes #2 fuel/diesel and an additional pattern which elutes later in the DRO range.					
02500	TPH Fuels by GC (Waters)					
02501	Total TPH	n.a.	890.	40.	ug/l	1
02508	TPH Motor Oil C16-C36	n.a.	890.	40.	ug/l	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
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	0.9	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 GRO	1	11/07/2005 15:33	K. Robert Caulfeild-James	1
06610	TPH-DRO CALUFT(Water) w/Si Gel	CA LUFT DRO/SW-846 8015B mod	1	11/14/2005 22:21	Tracy A Cole	1
02500	TPH Fuels by GC (Waters)	SW-846 8015B modified	1	11/14/2005 17:32	Matthew E Barton	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	11/09/2005 08:43	Ginelle L Feister	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/07/2005 15:33	K. Robert Caulfeild-James	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/09/2005 08:43	Ginelle L Feister	n.a.
02135	Extraction - DRO Water	CA LUFT TPH	2	11/14/2005 06:30	Denise L Trimby	1
07003	Special Extraction - DRO (Waters)	SW-846 3510C	1	11/07/2005 02:15	Sherry L Morrow	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4639999

TW-2-W-051031 Grab Water
Facility# 211307 Job# 386931 GRD
275 HWY 101-Crescent City T0601500039 TW-2
Collected:10/31/2005 15:17 by FT

Account Number: 10904

Submitted: 11/04/2005 09:00
Reported: 11/17/2005 at 15:13
Discard: 12/18/2005

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

275T2

Lancaster Laboratories

Analysis Report

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Lancaster Laboratories Sample No. WW 4640000

TW-3-W-051031 Grab Water
Facility# 211307 Job# 386931 GRD
275 HWY 101-Crescent City T0601500039 TW-3
Collected:10/31/2005 15:47 by FT

Account Number: 10904

Submitted: 11/04/2005 09:00
Reported: 11/17/2005 at 15:13
Discard: 12/18/2005

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

275T3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	180.	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.					
06610	TPH-DRO CALUFT(Water) w/Si Gel	n.a.	950.	50.	ug/l	1
	The observed sample pattern includes #2 fuel/diesel and an additional pattern which elutes later in the DRO range.					
02500	TPH Fuels by GC (Waters)					
02501	Total TPH	n.a.	2,300.	40.	ug/l	1
02508	TPH Motor Oil C16-C36	n.a.	2,300.	40.	ug/l	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
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	0.5	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 GRO	1	11/07/2005 16:02	K. Robert Caulfeild-James	1
06610	TPH-DRO CALUFT(Water) w/Si Gel	CA LUFT DRO/SW-846 8015B mod	1	11/14/2005 23:31	Tracy A Cole	1
02500	TPH Fuels by GC (Waters)	SW-846 8015B modified	1	11/14/2005 17:57	Matthew E Barton	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	11/11/2005 17:07	Ginelle L Feister	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/07/2005 16:02	K. Robert Caulfeild-James	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/11/2005 17:07	Ginelle L Feister	n.a.
02135	Extraction - DRO Water Special	CA LUFT TPH	2	11/14/2005 06:30	Denise L Trimby	1
07003	Extraction - DRO (Waters)	SW-846 3510C	1	11/07/2005 02:15	Sherry L Morrow	1

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Analysis Report

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Lancaster Laboratories Sample No. WW 4640000

TW-3-W-051031 Grab Water
Facility# 211307 Job# 386931 GRD
275 HWY 101-Crescent City T0601500039 TW-3
Collected:10/31/2005 15:47 by FT

Account Number: 10904

Submitted: 11/04/2005 09:00
Reported: 11/17/2005 at 15:13
Discard: 12/18/2005

ChevronTexaco
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San Ramon CA 94583

275T3

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Analysis Report

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Lancaster Laboratories Sample No. WW 4640001

TW-4-W-051031 Grab Water
Facility# 211307 Job# 386931 GRD
275 HWY 101-Crescent City T0601500039 TW-4
Collected:10/31/2005 16:19 by FT

Account Number: 10904

Submitted: 11/04/2005 09:00
Reported: 11/17/2005 at 15:13
Discard: 12/18/2005

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

275T4

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.					
06610	TPH-DRO CALUFT(Water) w/Si Gel	n.a.	540.	50.	ug/l	1
	The observed sample pattern includes #2 fuel/diesel and an additional pattern which elutes later in the DRO range.					
02500	TPH Fuels by GC (Waters)					
02501	Total TPH	n.a.	860.	40.	ug/l	1
02508	TPH Motor Oil C16-C36	n.a.	860.	40.	ug/l	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
06054	BTEX+MTBE by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	6.	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 GRO	1	11/07/2005 16:30	K. Robert Caulfeild-James	1
06610	TPH-DRO CALUFT(Water) w/Si Gel	CA LUFT DRO/SW-846 8015B mod	1	11/14/2005 23:54	Tracy A Cole	1
02500	TPH Fuels by GC (Waters)	SW-846 8015B modified	1	11/14/2005 16:43	Matthew E Barton	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	11/09/2005 09:30	Ginelle L Feister	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/07/2005 16:30	K. Robert Caulfeild-James	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/09/2005 09:30	Ginelle L Feister	n.a.
02135	Extraction - DRO Water	CA LUFT TPH	2	11/14/2005 06:30	Denise L Trimby	1
07003	Special Extraction - DRO (Waters)	SW-846 3510C	1	11/07/2005 02:15	Sherry L Morrow	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4640001

TW-4-W-051031 Grab Water
Facility# 211307 Job# 386931 GRD
275 HWY 101-Crescent City T0601500039 TW-4
Collected:10/31/2005 16:19 by FT

Submitted: 11/04/2005 09:00
Reported: 11/17/2005 at 15:13
Discard: 12/18/2005

275T4

Account Number: 10904

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

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Analysis Report

Quality Control Summary

Client Name: ChevronTexaco
Reported: 11/17/05 at 03:13 PM

Group Number: 966045

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: 05308A16B	Sample number(s): 4639997-4640001							
TPH-GRO - Waters	N.D.	50.	ug/l	111	108	70-130	3	30
Batch number: 053090004A	Sample number(s): 4639998-4640001							
Total TPH	N.D.	40.	ug/l	73	82	57-115	11	20
TPH Motor Oil C16-C36	N.D.	40.	ug/l					
Batch number: 053160016A	Sample number(s): 4639998-4640001							
TPH-DRO CALUFT(Water) w/Si Gel	N.D.	50.	ug/l	100	108	49-120	7	20
Batch number: Z053123AA	Sample number(s): 4639997							
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	105		77-127		
Benzene	N.D.	0.5	ug/l	87		85-117		
Toluene	N.D.	0.5	ug/l	87		85-115		
Ethylbenzene	N.D.	0.5	ug/l	89		82-119		
Xylene (Total)	N.D.	0.5	ug/l	94		83-113		
Batch number: Z053132AA	Sample number(s): 4639998-4639999,4640001							
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	96		77-127		
Benzene	N.D.	0.5	ug/l	94		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	100		83-113		
Batch number: Z053132AB	Sample number(s): 4640000							
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	96		77-127		
Benzene	N.D.	0.5	ug/l	94		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	100		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: 05308A16B	Sample number(s): 4639997-4640001								
TPH-GRO - Waters	119		63-154						
Batch number: Z053123AA	Sample number(s): 4639997								
Methyl Tertiary Butyl Ether	111	111	69-134	0	30				
Benzene	96	97	83-128	1	30				

*- 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: 11/17/05 at 03:13 PM

Group Number: 966045

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
Toluene	95	95	83-127	0	30				
Ethylbenzene	98	97	82-129	1	30				
Xylene (Total)	102	102	82-130	0	30				
Batch number: Z053132AA	Sample number(s): 4639998-4639999,4640001								
Methyl Tertiary Butyl Ether	100	99	69-134	1	30				
Benzene	101	100	83-128	1	30				
Toluene	105	106	83-127	1	30				
Ethylbenzene	105	106	82-129	1	30				
Xylene (Total)	105	106	82-130	1	30				
Batch number: Z053132AB	Sample number(s): 4640000								
Methyl Tertiary Butyl Ether	100	99	69-134	1	30				
Benzene	101	100	83-128	1	30				
Toluene	105	106	83-127	1	30				
Ethylbenzene	105	106	82-129	1	30				
Xylene (Total)	105	106	82-130	1	30				

Surrogate Quality Control

Analysis Name: TPH-GRO - Waters
Batch number: 05308A16B

	Trifluorotoluene-F
4639997	91
4639998	91
4639999	91
4640000	91
4640001	91
Blank	94
LCS	94
LCSD	94
MS	96
Limits:	63-135

Analysis Name: TPH Fuels by GC (Waters)
Batch number: 053090004A

	Chlorobenzene	Orthoterphenyl
4639998	80	79
4639999	83	78
4640000	67	74
4640001	82	74
Blank	82	74
LCS	75	78
LCSD	86	89
Limits:	14-141	37-146

Analysis Name: TPH-DRO CALUFT(Water) w/Si Gel
Batch number: 053160016A

*- 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: 11/17/05 at 03:13 PM

Group Number: 966045

Surrogate Quality Control

	Orthoterphenyl
4639998	102
4639999	103
4640000	85
4640001	92
Blank	92
LCS	90
LCSD	120
Limits:	59-131

Analysis Name: BTEX+MTBE by 8260B
Batch number: Z053123AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4639997	93	91	89	88
Blank	95	91	86	88
LCS	95	92	88	89
MS	94	91	87	90
MSD	95	92	87	90
Limits:	80-116	77-113	80-113	78-113

Analysis Name: BTEX+MTBE by 8260B
Batch number: Z053132AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4639998	97	96	91	87
4639999	97	96	90	88
4640001	96	94	90	88
Blank	96	95	91	87
LCS	94	94	91	91
MS	98	95	99	98
MSD	97	96	99	99
Limits:	80-116	77-113	80-113	78-113

Analysis Name: BTEX+MTBE by 8260B
Batch number: Z053132AB

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4640000	98	98	96	100
Blank	95	93	99	98
LCS	94	94	91	91
MS	98	95	99	98
MSD	97	96	99	99
Limits:	80-116	77-113	80-113	78-113

*- 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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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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Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

Acct. #: 10904 For Lancaster Laboratories use only Sample #: 4603801 3-16 SCR#: C# 965670

Facility #: SS#211307-OML G-R#386931 Global ID#T0601500039
Site Address: 275 HIGHWAY 101, CRESCENT CITY, 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:

Preservative Codes: H = HCl, N = HNO_3, S = H_2SO_4, T = Thiosulfate, B = NaOH, 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

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water (Potable ☐ NPDES ☐)	Oil ☐ Air ☐	Total Number of Containers	BTEX + MTBE 8260 ☐ 8021 ☐	TPH 8015 MOD GRO	TPH 8015 MOD DRO ☐ Silica Gel Cleanup ☐	8260 full scan	Oxygenates	Lead 7420 ☐ 7421 ☐	PAHs (8270C SVI)
TW-1	10.31.05	1447	X			W		2							X
TW-2	↓	1517	X			↓		2							X
TW-3		1547	X					2							X
TW-4		1619	X					2							X

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 need EDF/EDD
WIP (RWQCB)
Disk

Relinquished by:	Date	Time	Received by:	Date	Time
Frank Termini	11.1.05				
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by Commercial Carrier: UPS FedEx Other			Received by: Rosa Zoi	11/2/05	1340

Temperature Upon Receipt 1.1 C°
Custody Seals Intact? Yes No

Lancaster Laboratories

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Analysis Report

ANALYTICAL RESULTS

Prepared for:

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

RECEIVED

925-842-8582

Prepared by:

GETTLER-RYAN INC
GENERAL MAILING ROOM

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

SAMPLE GROUP

The sample group for this submittal is 965670. Samples arrived at the laboratory on Wednesday, November 02, 2005. The PO# for this group is 99011184 and the release number is INGLIS.

Client Description			Lancaster Labs Number
TW-1-W-051031	Grab	Water	4638013
TW-2-W-051031	Grab	Water	4638014
TW-3-W-051031	Grab	Water	4638015
TW-4-W-051031	Grab	Water	4638016

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

Lancaster Laboratories

Analysis Report

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Questions? Contact your Client Services Representative
Lynn M Frederiksen at (717) 656-2300

Respectfully Submitted,

Michele J. Smith

Michele J. Smith
Group Leader

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 4638013

TW-1-W-051031 Grab Water
Facility# 211307 Job# 386931 GRD
275 Highway 101-Crescent T0601500039 TW-1
Collected:10/31/2005 14:47 by FT

Account Number: 10904

Submitted: 11/02/2005 13:40
Reported: 11/29/2005 at 13:20
Discard: 12/30/2005

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HWY01

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
06570	PAHs in Water by LVI GC/MS					
06576	Naphthalene	91-20-3	0.022	0.0029	ug/l	1
06579	Acenaphthylene	208-96-8	0.0029	0.0019	ug/l	1
06580	Acenaphthene	83-32-9	N.D.	0.0019	ug/l	1
06581	Fluorene	86-73-7	N.D.	0.0019	ug/l	1
06582	Phenanthrene	85-01-8	0.011	0.0019	ug/l	1
06583	Anthracene	120-12-7	0.0077	0.0019	ug/l	1
06584	Fluoranthene	206-44-0	0.0049	0.0019	ug/l	1
06585	Pyrene	129-00-0	0.0053	0.0019	ug/l	1
06586	Benzo(a)anthracene	56-55-3	N.D.	0.0019	ug/l	1
06587	Chrysene	218-01-9	N.D.	0.0019	ug/l	1
06588	Benzo(b)fluoranthene	205-99-2	N.D.	0.0019	ug/l	1
06589	Benzo(k)fluoranthene	207-08-9	N.D.	0.0019	ug/l	1
06590	Benzo(a)pyrene	50-32-8	N.D.	0.0019	ug/l	1
06591	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.0019	ug/l	1
06592	Dibenz(a,h)anthracene	53-70-3	N.D.	0.0019	ug/l	1
06593	Benzo(g,h,i)perylene	191-24-2	0.0044	0.0019	ug/l	1

Several compounds were detected in the method blank. The blank values were not subtracted from the analytical results. Dibenz(a,h)anthracene was above QC limits in the LCS. This sample was re-extracted outside of the method required holding time, and comparable data was observed.

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
06570	PAHs in Water by LVI GC/MS	SW-846 8270C LVI	1	11/09/2005 09:42	Timothy J Trees	1
00813	BNA Water Extraction	SW-846 3510C	1	11/04/2005 09:00	Joseph S Feister	1

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Analysis Report

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Lancaster Laboratories Sample No. WW 4638014

TW-2-W-051031 Grab Water
Facility# 211307 Job# 386931 GRD
275 Highway 101-Crescent T0601500039 TW-2
Collected:10/31/2005 15:17 by FT

Account Number: 10904

Submitted: 11/02/2005 13:40
Reported: 11/29/2005 at 13:20
Discard: 12/30/2005

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HWY02

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
06570	PAHs in Water by LVI GC/MS					
06576	Naphthalene	91-20-3	N.D.	0.0029	ug/l	1
06579	Acenaphthylene	208-96-8	N.D.	0.0019	ug/l	1
06580	Acenaphthene	83-32-9	0.024	0.0019	ug/l	1
06581	Fluorene	86-73-7	0.025	0.0019	ug/l	1
06582	Phenanthrene	85-01-8	0.011	0.0019	ug/l	1
06583	Anthracene	120-12-7	0.017	0.0019	ug/l	1
06584	Fluoranthene	206-44-0	N.D.	0.0019	ug/l	1
06585	Pyrene	129-00-0	N.D.	0.0019	ug/l	1
06586	Benzo(a)anthracene	56-55-3	N.D.	0.0019	ug/l	1
06587	Chrysene	218-01-9	N.D.	0.0019	ug/l	1
06588	Benzo(b)fluoranthene	205-99-2	N.D.	0.0019	ug/l	1
06589	Benzo(k)fluoranthene	207-08-9	N.D.	0.0019	ug/l	1
06590	Benzo(a)pyrene	50-32-8	N.D.	0.0019	ug/l	1
06591	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.0019	ug/l	1
06592	Dibenz(a,h)anthracene	53-70-3	N.D.	0.0019	ug/l	1
06593	Benzo(g,h,i)perylene	191-24-2	N.D.	0.0019	ug/l	1

Several compounds were detected in the method blank. The blank values were not subtracted from the analytical results. Dibenz(a,h)anthracene was above QC limits in the LCS. This sample was re-extracted outside of the method required holding time, and comparable data was observed.

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
06570	PAHs in Water by LVI GC/MS	SW-846 8270C LVI	1	11/15/2005 12:31	Timothy J Trees	1
00813	BNA Water Extraction	SW-846 3510C	1	11/04/2005 09:00	Joseph S Feister	1

Lancaster Laboratories

Analysis Report

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Lancaster Laboratories Sample No. WW 4638015

TW-3-W-051031 Grab Water
Facility# 211307 Job# 386931 GRD
275 Highway 101-Crescent T0601500039 TW-3
Collected:10/31/2005 15:47 by FT

Account Number: 10904

Submitted: 11/02/2005 13:40
Reported: 11/29/2005 at 13:20
Discard: 12/30/2005

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HWY03

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
06570	PAHs in Water by LVI GC/MS					
06576	Naphthalene	91-20-3	N.D.	0.0029	ug/l	1
06579	Acenaphthylene	208-96-8	N.D.	0.0019	ug/l	1
06580	Acenaphthene	83-32-9	0.032	0.0019	ug/l	1
06581	Fluorene	86-73-7	0.020	0.0019	ug/l	1
06582	Phenanthrene	85-01-8	0.011	0.0019	ug/l	1
06583	Anthracene	120-12-7	0.013	0.0019	ug/l	1
06584	Fluoranthene	206-44-0	N.D.	0.0019	ug/l	1
06585	Pyrene	129-00-0	N.D.	0.0019	ug/l	1
06586	Benzo(a)anthracene	56-55-3	N.D.	0.0019	ug/l	1
06587	Chrysene	218-01-9	N.D.	0.0019	ug/l	1
06588	Benzo(b)fluoranthene	205-99-2	N.D.	0.0019	ug/l	1
06589	Benzo(k)fluoranthene	207-08-9	N.D.	0.0019	ug/l	1
06590	Benzo(a)pyrene	50-32-8	N.D.	0.0019	ug/l	1
06591	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.0019	ug/l	1
06592	Dibenz(a,h)anthracene	53-70-3	N.D.	0.0019	ug/l	1
06593	Benzo(g,h,i)perylene	191-24-2	N.D.	0.0019	ug/l	1

Several compounds were detected in the method blank. The blank values were not subtracted from the analytical results. Dibenz(a,h)anthracene was above QC limits in the LCS. This sample was re-extracted outside of the method required holding time, and comparable data was observed.

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
06570	PAHs in Water by LVI GC/MS	SW-846 8270C LVI	1	11/15/2005 13:16	Timothy J Trees	1
00813	BNA Water Extraction	SW-846 3510C	1	11/04/2005 09:00	Joseph S Feister	1

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Analysis Report

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Lancaster Laboratories Sample No. WW 4638016

TW-4-W-051031 Grab Water
Facility# 211307 Job# 386931 GRD
275 Highway 101-Crescent T0601500039 TW-4
Collected:10/31/2005 16:19 by FT

Account Number: 10904

Submitted: 11/02/2005 13:40
Reported: 11/29/2005 at 13:20
Discard: 12/30/2005

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HWY04

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
06570	PAHs in Water by LVI GC/MS					
06576	Naphthalene	91-20-3	0.036	0.0029	ug/l	1
06579	Acenaphthylene	208-96-8	N.D.	0.0019	ug/l	1
06580	Acenaphthene	83-32-9	0.0070	0.0019	ug/l	1
06581	Fluorene	86-73-7	0.015	0.0019	ug/l	1
06582	Phenanthrene	85-01-8	0.014	0.0019	ug/l	1
06583	Anthracene	120-12-7	0.014	0.0019	ug/l	1
06584	Fluoranthene	206-44-0	N.D.	0.0019	ug/l	1
06585	Pyrene	129-00-0	N.D.	0.0019	ug/l	1
06586	Benzo(a)anthracene	56-55-3	N.D.	0.0019	ug/l	1
06587	Chrysene	218-01-9	N.D.	0.0019	ug/l	1
06588	Benzo(b)fluoranthene	205-99-2	N.D.	0.0019	ug/l	1
06589	Benzo(k)fluoranthene	207-08-9	N.D.	0.0019	ug/l	1
06590	Benzo(a)pyrene	50-32-8	N.D.	0.0019	ug/l	1
06591	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.0019	ug/l	1
06592	Dibenz(a,h)anthracene	53-70-3	N.D.	0.0019	ug/l	1
06593	Benzo(g,h,i)perylene	191-24-2	N.D.	0.0019	ug/l	1

Several compounds were detected in the method blank. The blank values were not subtracted from the analytical results. Dibenz(a,h)anthracene was above QC limits in the LCS. This sample was re-extracted outside of the method required holding time, and comparable data was observed.

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
06570	PAHs in Water by LVI GC/MS	SW-846 8270C LVI	1	11/15/2005 14:00	Timothy J Trees	1
00813	BNA Water Extraction	SW-846 3510C	1	11/04/2005 09:00	Joseph S Feister	1

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Analysis Report

Quality Control Summary

Client Name: ChevronTexaco
Reported: 11/29/05 at 01:20 PM

Group Number: 965670

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: 05307WAC026	Sample number(s): 4638013-4638016							
Naphthalene	0.0077	0.0030	ug/l	91	94	70-130	3	30
Acenaphthylene	N.D.	0.0020	ug/l	94	94	70-130	1	30
Acenaphthene	0.0027	0.0020	ug/l	95	95	70-130	1	30
Fluorene	0.0030	0.0020	ug/l	107	89	70-130	19	30
Phenanthrene	0.0060	0.0020	ug/l	95	95	70-130	0	30
Anthracene	0.0027	0.0020	ug/l	85	81	70-130	4	30
Fluoranthene	0.0038	0.0020	ug/l	100	91	70-130	10	30
Pyrene	0.0035	0.0020	ug/l	101	129	70-130	24	30
Benzo(a)anthracene	0.0027	0.0020	ug/l	108	108	70-130	0	30
Chrysene	0.0025	0.0020	ug/l	112	119	70-130	6	30
Benzo(b)fluoranthene	0.0023	0.0020	ug/l	110	105	70-130	5	30
Benzo(k)fluoranthene	0.0025	0.0020	ug/l	112	112	70-130	1	30
Benzo(a)pyrene	0.0021	0.0020	ug/l	96	100	70-130	4	30
Indeno(1,2,3-cd)pyrene	0.0022	0.0020	ug/l	128	127	70-130	1	30
Dibenz(a,h)anthracene	0.0022	0.0020	ug/l	133*	129	70-130	3	30
Benzo(g,h,i)perylene	0.0023	0.0020	ug/l	121	121	70-130	0	30

Surrogate Quality Control

Analysis Name: PAHs in Water by LVI GC/MS
Batch number: 05307WAC026

	Nitrobenzene-d5	2-Fluorobiphenyl	Terphenyl-d14
4638013	74	92	96
4638014	77	101	107
4638015	81	107	116
4638016	70	100	99
Blank	99	99	111
LCS	99	100	96
LCSD	94	101	127
Limits:	70-130	70-130	70-130

*- 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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Explanation of Symbols and Abbreviations

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

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