1921 Ringwood Avenue
San Jose, CA 95131-1721
Tel. 408.453.7300
Fax. 408.437.9526

the i group

December 3, 1999
Project 340-414.9C

Ms. Susan Hugo
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, 2nd Floor
Alameda, California 94502-6577

Re: **Quarterly Report - Second Quarter 1999**
Former Texaco Service Station
500 Grand Avenue at Euclid Avenue
Oakland, California
Incident Number 88870189

Dear Ms. Hugo:

The following presents the results of the second quarter 1999 groundwater monitoring program for the site referenced above. This letter has been prepared for Equiva Services LLC (Equiva) by IT Corporation (IT), formerly Pacific Environmental Group, Inc. (PEG).

QUARTERLY MONITORING FINDINGS

Groundwater monitoring wells were gauged and sampled by Blaine Tech Services, Inc. (Blaine) at the direction of IT on June 4, 1999. Blaine's groundwater monitoring report, which includes the Well Concentrations Table (historical and current analytical results), field data, and the certified analytical reports, is presented as Attachment A.

Groundwater elevation data for this sampling event are found in the Well Concentrations Table and are presented on Figure 1.

All wells sampled were analyzed for total purgeable petroleum hydrocarbons (TPPH), benzene, toluene, ethylbenzene, xylenes (BTEX compounds), and methyl tert-butyl ether (MtBE) by EPA Methods 8015 and 8020. TPPH, benzene, and MtBE concentrations for the June 1999 sampling event are presented in the Well Concentrations Table and on Figure 1.

If you have questions regarding the content of this letter, please call (408) 453-7300.

Sincerely,

IT Corporation

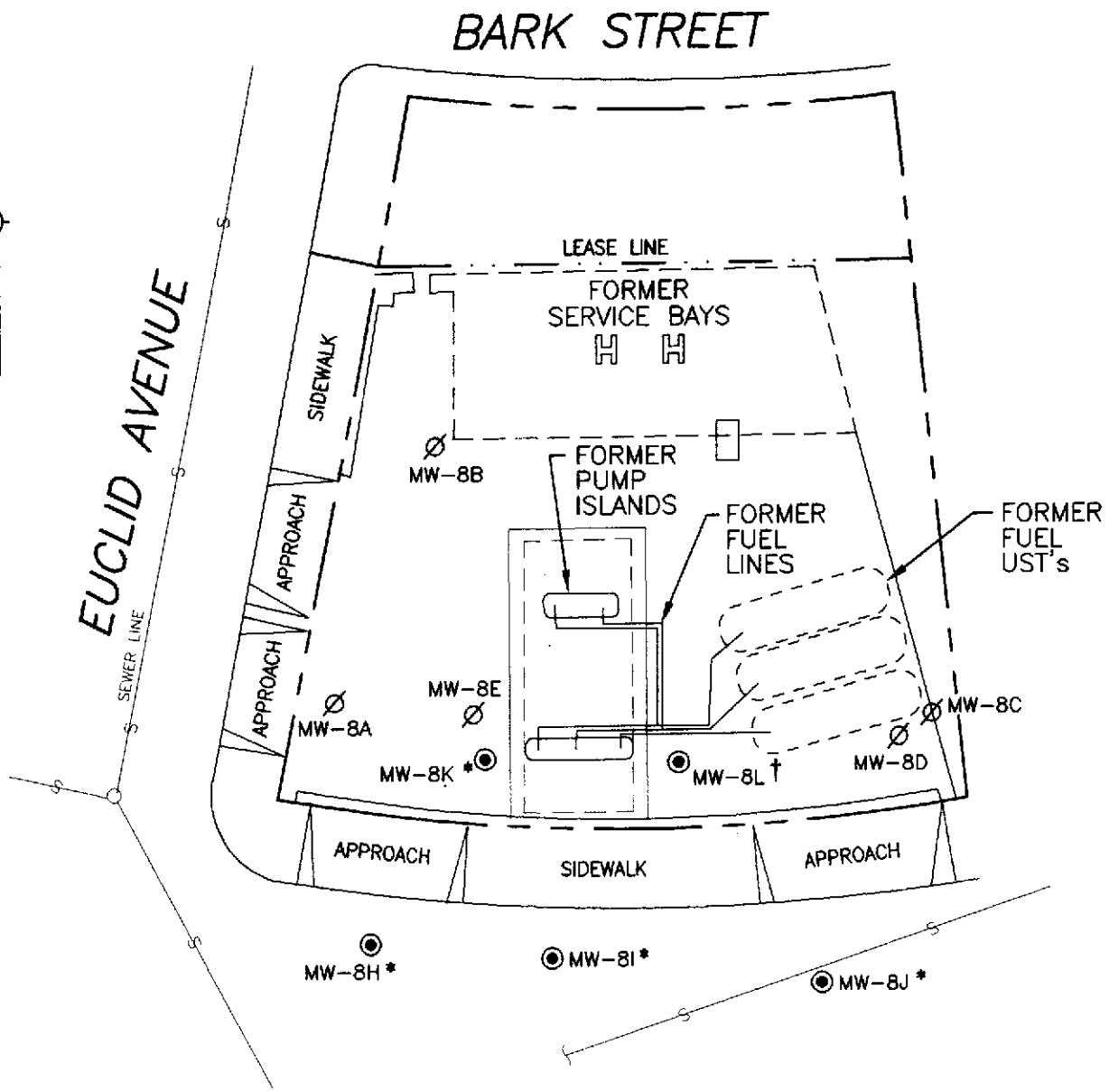
Debra J. Moser
Senior Geologist
CEG 1293

REGISTERED GEOLOGIST
DEBRA J. MOSER
No. 1293
CERTIFIED
ENGINEERING
GEOLOGIST
9/00
STATE OF CALIFORNIA

Attachments: Figure 1 – Groundwater Monitoring Map
Attachment A – Groundwater Monitoring Report

cc: Ms. Karen Petryna, Equiva Services LLC, P.O. Box 7869 Burbank, CA 91501-7869
Mr. Richard Hiett, California Regional Water Quality Control Board, San Francisco Bay Region, 1515 Clay Street, Suite 1400, Oakland, CA 94612

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT NUMBER
K. Black 11-1-99	--	--	340-414.9C



LEGEND

- ◉ GROUNDWATER MONITORING WELL
- ∅ ABANDONED MONITORING WELL
- (5.37) GROUNDWATER ELEVATION (FT.-MSL); MEASURED 6-4-99
- <50 / <0.5 / 67 / <2.5 TPPH/BENZENE/TEPH/MtBE CONCENTRATIONS IN GROUNDWATER (PARTS PER BILLION); SAMPLES COLLECTED 6-4-99
- * WELL SAMPLED ANNUALLY
- † REMOVED FROM GAUGING AND SAMPLING PROGRAM

MW-8F (5.80) — <50 / <0.5 / 120 / <2.5

MW-8G (5.37) — <50 / <0.5 / 190 / <2.5

LAKE MERRIT PARK

SCALE

0 60 120 FEET

IT CORPORATION

EQUIVA SERVICES LLC
FORMER TEXACO SERVICE STATION

FIGURE 1

GROUNDWATER MONITORING MAP
SECOND QUARTER 1999

500 GRAND AVENUE at EUCLID AVENUE
OAKLAND, CALIFORNIA

BLAINE
TECH SERVICES

1680 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112-1105
(408) 573-7771 FAX
(408) 573-0555 PHONE

JUL 0 9 1999

394 - 004

July 7, 1999

Karen Petryna
Equiva Services LLC
P.O. Box 6249
Carson, CA 90749-6249

Second Quarter 1999 Groundwater Monitoring at
Former Texaco Service Station
500 Grand Avenue
Oakland, CA

Monitoring performed on June 4, 1999

Groundwater Monitoring Report **990604-G-1**

This report covers the routine monitoring of groundwater wells at this Former Texaco facility. In accordance with standard procedures that conform to Regional Water Quality Control Board requirements, routine field data collection includes depth to water, total well depth, thickness of any separate immiscible layer, water column volume, apprioriate calculated purge volume (if applicable), elapsed evacuation time (if applicable), total volume of water removed (if applicable), and standard water parameter instrument readings. Sample material is collected, contained, stored, and transported to the laboratory in conformance with EPA standards. Purgewater (if applicable) is, likewise, collected and transported to the Martinez Refining Company.

Basic field information is presented alongside analytical values excerpted from the laboratory report in the cumulative table of **WELL CONCENTRATIONS**. The full analytical report for the most recent samples and the field data sheets are attached to this report.

At a minimum, Blaine Tech Services, Inc. field personnel are certified on completion of a forty hour Hazardous Materials and Emergency Response training course per 29 CFR 1910.120. Field personnel are also enrolled in annual eight hour refresher courses.

Blaine Tech Services, Inc. conducts sampling and documentation assignments of this type as an independent third party. In order to avoid compromising the objectivity necessary for the proper and disinterested performance of this work, Blaine Tech Services, Inc. concentrates on objective data collection and does not participate in the interpretation of analytical results, the definition of geological or hydrological conditions, the formulation of recommendations, or the marketing of remedial systems.

Please call if you have any questions.

Yours truly,

Deidre Kerwin
Operations Manager

DK/ld

attachments: Cumulative Table of WELL CONCENTRATIONS
Certified Analytical Report
Field Data Sheets

cc: Janet Yantis
Pacific Environmental Group, Inc.
2025 Gateway Place, Suite 440
San Jose, CA 95110

WELL CONCENTRATIONS
Former Texaco Service Station
500 Grand Avenue
Oakland, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
MW-8A	NA	Well abandoned	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-8B	NA	Well abandoned	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-8C	NA	Well abandoned	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-8D	NA	Well abandoned	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-8E	NA	Well abandoned	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-8F	01/23/1992	<50	1300	4.0	1.3	<0.5	1.9	NA	NA	97.94	10.24	87.70	0.00
MW-8F	02/28/1992	NA	NA	NA	NA	NA	NA	NA	NA	97.94	9.93	88.01	0.00
MW-8F	03/26/1992	NA	NA	NA	NA	NA	NA	NA	NA	97.94	8.78	89.16	0.00
MW-8F	04/30/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	97.94	9.36	88.58	0.00
MW-8F	09/28/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	97.94	11.83	86.11	0.00
MW-8F	11/19/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	97.94	11.22	86.72	0.00
MW-8F	02/12/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	97.94	9.66	88.28	0.00
MW-8F	05/06/1993	<50	<100	<0.5	<0.5	<0.5	<0.5	NA	NA	97.94	8.83	89.11	0.00
MW-8F	08/16/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	14.04	10.16	3.88	0.00
MW-8F	10/12/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	14.04	10.60	3.44	0.00
MW-8F	02/03/1994	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	14.04	9.29	4.75	0.00
MW-8F	05/31/1994	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	14.04	9.34	4.70	0.00
MW-8F	08/25/1994	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	14.04	10.14	3.90	0.00
MW-8F	11/02/1994	<50	520	<0.5	<0.5	<0.5	<0.5	NA	NA	14.04	10.42	3.62	0.00
MW-8F	01/31/1995	<50	290	<0.5	<0.5	<0.5	<0.5	NA	NA	14.04	7.47	6.57	0.00
MW-8F	05/18/1995	<50	54	<0.5	<0.5	<0.5	<0.5	NA	NA	14.04	8.00	6.04	0.00

WELL CONCENTRATIONS
Former Texaco Service Station
500 Grand Avenue
Oakland, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
MW-8F	08/29/1995	<50	83	<0.5	<0.5	<0.5	<0.5	<10	NA	14.04	8.08	5.96	0.00
MW-8F	11/02/1995	<50	51	<0.5	<0.5	<0.5	<0.5	<10	NA	14.04	8.70	5.34	0.00
MW-8F	02/05/1996	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	14.04	7.16	6.88	0.00
MW-8F	04/30/1996	<50	62	<0.5	<0.5	<0.5	<0.5	NA	NA	14.04	7.25	6.79	0.00
MW-8F	08/28/1996	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	14.04	8.72	5.32	0.00
MW-8F	12/05/1996	210	110	17	17	11	46	<30	NA	14.04	8.16	5.88	0.00
MW-8F	02/21/1997	<50	85	<0.5	<0.5	<0.5	<0.5	<30	NA	14.04	5.53	8.51	0.00
MW-8F	05/02/1997	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	14.04	7.85	6.19	0.00
MW-8F	07/30/1997	<50	93	<0.5	<0.5	<0.5	<0.5	<30	NA	14.04	8.87	5.17	0.00
MW-8F	11/05/1997	<50	140	<0.5	<0.5	<0.5	<0.5	<30	NA	14.04	9.16	4.88	0.00
MW-8F	01/21/1998	<50	<50	<0.5	<0.5	<0.5	<0.5	<30	NA	14.04	8.56	5.48	0.00
MW-8F	06/03/1998	<50	730	<0.5	<0.5	<0.5	<0.5	2.9	NA	14.04	8.30	5.74	0.00
MW-8F	08/04/1998	<50	210	<0.5	<0.5	<0.5	<0.5	<2.5	NA	14.04	10.67	3.37	0.00
MW-8F	11/05/1998	<50	210	<0.50	<0.50	<0.50	<0.50	<2.5	NA	14.04	8.72	5.32	0.00
MW-8F	02/16/1999	<50.0	230	<0.500	<0.500	<0.500	<0.500	<2.00	NA	14.04	8.78	5.26	0.00
MW-8F	06/04/1999	<50	120	<0.50	<0.50	<0.50	<0.50	<2.5	NA	14.04	8.24	5.80	0.00
MW-8G**	01/23/1992	<50	980	<0.5	<0.5	<0.5	<0.5	NA	NA	97.24	11.30	85.94	0.00
MW-8G	02/28/1992	NA	NA	NA	NA	NA	NA	NA	NA	97.24	10.83	86.41	0.00
MW-8G	03/26/1992	NA	NA	NA	NA	NA	NA	NA	NA	97.24	9.20	88.04	0.00
MW-8G	04/30/1992	<50	<50	1.7	<0.5	<0.5	<0.5	NA	NA	97.24	9.00	88.24	0.00
MW-8G	09/28/1992	Well dry	NA	NA	NA	NA	NA	NA	NA	97.24	13.32	83.92	NA
MW-8G	11/19/1992	Well inaccessible		NA	NA	NA	NA	NA	NA	97.24	NA	NA	NA
MW-8G	02/12/1993	Well inaccessible		NA	NA	NA	NA	NA	NA	97.24	NA	NA	NA
MW-8G	05/06/1993	<50	60	<0.5	<0.5	<0.5	<0.5	NA	NA	97.24	11.18	86.06	0.00
MW-8G	08/16/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	13.32	9.51	3.81	0.00
MW-8G	10/12/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	13.32	10.93	2.39	0.00

WELL CONCENTRATIONS
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Oakland, CA

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MW-8G	02/03/1994	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	13.32	9.69	3.63	0.00
MW-8G	05/31/1994	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	13.32	9.24	4.08	0.00
MW-8G	08/25/1994	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	13.32	9.74	3.58	0.00
MW-8G	11/02/1994	<50	530	<0.5	<0.5	<0.5	<0.5	NA	NA	13.32	10.08	3.24	0.00
MW-8G	01/31/1995	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	13.32	5.75	7.57	0.00
MW-8G	05/18/1995	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	13.32	6.60	6.72	0.00
MW-8G	08/29/1995	<50	120	<0.5	<0.5	<0.5	<0.5	<10	NA	13.32	8.14	5.18	0.00
MW-8G	11/02/1995	<50	140	<0.5	<0.5	<0.5	<0.5	<10	NA	13.32	9.16	4.16	0.00
MW-8G	02/05/1996	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	13.32	7.18	6.14	0.00
MW-8G	04/30/1996	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	13.32	7.00	6.32	0.00
MW-8G	08/28/1996	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	13.32	8.94	4.38	0.00
MW-8G	12/05/1996	190	57	16	16	9.0	39	<30	NA	13.32	9.22	4.10	0.00
MW-8G	02/21/1997	<50	54	<0.5	<0.5	<0.5	<0.5	<30	NA	13.32	6.11	7.21	0.00
MW-8G	05/02/1997	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	13.32	7.54	5.78	0.00
MW-8G	07/30/1997	Well inaccessible		NA	NA	NA	NA	NA	NA	13.32	NA	NA	NA
MW-8G	11/05/1997	<50	<50	<0.5	<0.5	<0.5	<0.5	<30	NA	13.32	9.65	3.67	0.00
MW-8G	11/05/1997	<50	<50	<0.5	<0.5	<0.5	<0.5	<30	NA	13.32	NA	NA	0.00
MW-8G	01/21/1998	<50	<50	<0.5	<0.5	<0.5	<0.5	<30	NA	13.32	7.57	5.75	0.00
MW-8G	06/03/1998	<50	570	<0.5	<0.5	<0.5	<0.5	4.0	NA	13.32	9.37	3.95	0.00
MW-8G	08/04/1998	<50	200	<0.5	<0.5	<0.5	<0.5	<2.5	NA	13.32	9.89	3.43	0.00
MW-8G	11/05/1998	<50	170	<0.50	<0.50	<0.50	<0.50	<2.5	NA	13.32	10.81	2.51	0.00
MW-8G	02/16/1999	<50.0	270	<0.500	<0.500	<0.500	<0.500	<2.00	NA	13.32	8.63	4.69	0.00
MW-8G	06/04/1999	<50	190	<0.50	<0.50	<0.50	<0.50	<2.5	NA	13.32	7.95	5.37	0.00
MW-8H	01/23/1992	110	<60	7.2	1.2	4.7	3.2	NA	NA	98.90	3.74	95.16	0.00
MW-8H	02/28/1992	NA	NA	NA	NA	NA	NA	NA	NA	98.90	4.44	94.46	0.00
MW-8H	03/26/1992	NA	NA	NA	NA	NA	NA	NA	NA	98.90	4.21	94.69	0.00

WELL CONCENTRATIONS
Former Texaco Service Station
500 Grand Avenue
Oakland, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
MW-8H	04/30/1992	190	90	11	1.5	5.6	3.6	NA	NA	98.90	3.46	95.44	0.00
MW-8H	09/28/1992	Well inaccessible		NA	NA	NA	NA	NA	NA	98.90	NA	NA	NA
MW-8H	11/19/1992	130	NA	6.8	<0.5	1.1	1.5	NA	NA	98.90	3.75	95.15	0.00
MW-8H	02/12/1993	73	NA	5.9	<0.5	0.8	<0.5	NA	NA	98.90	4.12	94.78	0.00
MW-8H	05/06/1993	57	<100	1.7	<0.5	<0.5	<0.5	NA	NA	98.90	3.85	95.05	0.00
MW-8H	08/16/1993	<50	<50	0.5	<0.5	0.5	1.4	NA	NA	15.04	3.88	11.16	0.00
MW-8H	10/12/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	15.04	3.80	11.24	0.00
MW-8H	02/03/1994	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	15.04	3.71	11.33	0.00
MW-8H	05/31/1994	<50	<50	0.79	<0.5	<0.5	<0.5	NA	NA	15.04	3.80	11.24	0.00
MW-8H	08/25/1994	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	15.04	3.89	11.15	0.00
MW-8H	11/02/1994	<50	760	<0.5	<0.5	<0.5	<0.5	NA	NA	15.04	3.64	11.40	0.00
MW-8H	01/31/1995	<50	190	<0.5	<0.5	<0.5	<0.5	NA	NA	15.04	3.58	11.46	0.00
MW-8H	05/18/1995	<50	370	<0.5	<0.5	<0.5	<0.5	NA	NA	15.04	3.53	11.51	0.00
MW-8H	08/29/1995	<50	1000	<0.5	<0.5	<0.5	<0.5	<10	NA	15.04	3.55	11.49	0.00
MW-8H	11/02/1995	<50	<50	<0.5	<0.5	<0.5	<0.5	<10	NA	15.04	3.49	11.55	0.00
MW-8H	02/05/1996	<50	190	<0.5	<0.5	<0.5	<0.5	NA	NA	15.04	3.54	11.50	0.00
MW-8H	04/30/1996	<50	1800	<0.5	<0.5	<0.5	<0.5	NA	NA	15.04	3.50	11.54	0.00
MW-8H	08/28/1996	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	15.04	3.62	11.42	0.00
MW-8H	12/05/1996	100	350	6.2	7.3	5.0	22	<30	NA	15.04	3.38	11.66	0.00
MW-8H	02/21/1997	<50	900	<0.5	<0.5	<0.5	<0.5	<30	NA	15.04	3.77	11.27	0.00
MW-8H	05/02/1997	<50	450	<0.5	<0.5	<0.5	<0.5	NA	NA	15.04	3.64	11.40	0.00
MW-8H	07/30/1997	<50	180	<0.5	0.62	<0.5	<0.5	<30	NA	15.04	3.65	11.39	0.00
MW-8H	11/05/1997	<50	280	<0.5	<0.5	<0.5	<0.5	<30	NA	15.04	3.61	11.43	0.00
MW-8H	01/21/1998	<50	<50	<0.5	<0.5	<0.5	<0.5	<30	NA	15.04	3.57	11.47	0.00
MW-8H	06/03/1998	<50	440	<0.5	<0.5	<0.5	<0.5	<0.5	NA	15.04	3.50	11.54	0.00
MW-8H	08/04/1998	<50	300	<0.5	<0.5	<0.5	<0.5	<2.5	NA	15.04	3.64	11.40	0.00
MW-8H	11/05/1998	<50	230	<0.50	<0.50	<0.50	<0.50	<2.5	NA	15.04	3.21	11.83	0.00

WELL CONCENTRATIONS
Former Texaco Service Station
500 Grand Avenue
Oakland, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
MW-8I	01/23/1992	820	210	420	7	27	20	NA	NA	98.27	6.33	91.94	0.00
MW-8I	02/28/1992	NA	NA	NA	NA	NA	NA	NA	NA	98.27	6.55	91.72	0.00
MW-8I	03/26/1992	NA	NA	NA	NA	NA	NA	NA	NA	98.27	6.45	91.82	0.00
MW-8I	04/30/1992	2,200	430	1,800	19	180	25	NA	NA	98.27	6.48	91.79	0.00
MW-8I	09/28/1992	Well inaccessible		NA	NA	NA	NA	NA	NA	98.27	NA	NA	NA
MW-8I	11/19/1992	720	NA	120	1.1	29	13	NA	NA	98.27	6.37	91.90	0.00
MW-8I	02/12/1993	4,000	NA	970	9.2	52	36	NA	NA	98.27	6.44	91.83	0.00
MW-8I	05/06/1993	1,400	<10	370	2.4	40	8.4	NA	NA	98.27	6.36	91.91	0.00
MW-8I	08/16/1993	<50	<50	3.1	<0.5	6	<0.5	NA	NA	14.40	6.35	8.05	0.00
MW-8I	10/12/1993	<50	<50	1.4	<0.5	<0.5	<0.5	NA	NA	14.40	5.99	8.41	0.00
MW-8I	02/03/1994	1,000	<50	270	3.2	51	14	NA	NA	14.40	5.84	8.56	0.00
MW-8I	05/31/1994	1,400	<50	330	4.6	52	16	NA	NA	14.40	6.25	8.15	0.00
MW-8I	08/25/1994	540	<50	14	0.58	30	4.3	NA	NA	14.40	6.31	8.09	0.00
MW-8I	11/02/1994	310	370	5.7	0.74	20	<0.5	NA	NA	14.40	6.10	8.30	0.00
MW-8I	01/31/1995	840	910	290	4.5	45	1.6	NA	NA	14.40	5.83	8.57	0.00
MW-8I	05/18/1995	1,700	1100	390	7.8	80	10	NA	NA	14.40	6.09	8.31	0.00
MW-8I	08/29/1995	300	560	81	<0.5	13	0.63	<10	NA	14.40	6.09	8.31	0.00
MW-8I	11/02/1995	81	160	<0.5	4.1	1.5	<0.5	<10	NA	14.40	6.26	8.14	0.00
MW-8I	02/05/1996	300	140	75	0.75	8.4	1.2	NA	NA	14.40	5.97	8.43	0.00
MW-8I	04/30/1996	350	<50	150	0.77	3.2	1.3	NA	NA	14.40	6.04	8.36	0.00
MW-8I	08/28/1996	1100	380	300	2.9	3.2	2.1	NA	NA	14.40	6.20	8.20	0.00
MW-8I	12/05/1996	340	53	23	8.7	11	26	<30	NA	14.40	6.01	8.39	0.00
MW-8I	02/21/1997	<50	330	<0.5	<0.5	<0.5	<0.5	<30	NA	14.40	6.15	8.25	0.00
MW-8I	05/02/1997	110	<50	39	<0.5	0.92	<0.5	NA	NA	14.40	6.20	8.20	0.00
MW-8I	07/30/1997	<50	170	4.2	<0.5	<0.5	<0.5	<30	NA	14.40	6.12	8.28	0.00
MW-8I	11/05/1997	<50	<50	<0.5	<0.5	<0.5	<0.5	<30	NA	14.40	6.26	8.14	0.00

WELL CONCENTRATIONS
Former Texaco Service Station
500 Grand Avenue
Oakland, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
MW-8I	01/21/1998	<50	<50	1.5	<0.5	<0.5	<0.5	<30	NA	14.40	6.00	8.40	0.00
MW-8I	06/03/1998	<50	360	<0.5	<0.5	<0.5	<0.5	1.5	NA	14.40	6.74	7.66	0.00
MW-8I	08/04/1998	<50	83	<0.5	<0.5	<0.5	<0.5	<2.5	NA	14.40	6.16	8.24	0.00
MW-8I	11/05/1998	<50	67	<0.50	<0.50	<0.50	<0.50	<2.5	NA	14.40	6.14	8.26	0.00
MW-8J	01/23/1992	<50	<50	1	<0.5	<0.5	<0.5	NA	NA	97.69	6.31	91.38	0.00
MW-8J	02/28/1992	NA	NA	NA	NA	NA	NA	NA	NA	97.69	6.28	91.41	0.00
MW-8J	03/26/1992	NA	NA	NA	NA	NA	NA	NA	NA	97.69	6.20	91.49	0.00
MW-8J	04/30/1992	<50	<50	2	<0.5	<0.5	<0.5	NA	NA	97.69	6.48	91.21	0.00
MW-8J	09/28/1992	Well inaccessible		NA	NA	NA	NA	NA	NA	97.69	NA	NA	NA
MW-8J	11/19/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	97.69	6.55	91.14	0.00
MW-8J	02/12/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	97.69	7.46	90.23	0.00
MW-8J	05/06/1993	<50	<10	<0.5	<0.5	<0.5	<0.5	NA	NA	97.69	6.21	91.48	0.00
MW-8J	08/16/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	13.82	6.29	7.53	0.00
MW-8J	10/12/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	13.82	5.87	7.95	0.00
MW-8J	02/03/1994	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	13.82	5.98	7.84	0.00
MW-8J	05/31/1994	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	13.82	6.10	7.72	0.00
MW-8J	08/25/1994	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	13.82	6.01	7.81	0.00
MW-8J	11/02/1994	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	13.82	5.90	7.92	0.00
MW-8J	01/31/1995	<50	<50	3.7	<0.5	<0.5	<0.5	NA	NA	13.82	5.07	8.75	0.00
MW-8J	05/18/1995	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	13.82	5.33	8.49	0.00
MW-8J	08/29/1995	<50	250	<0.5	<0.5	<0.5	<0.5	<10	NA	13.82	3.50	10.32	0.00
MW-8J	11/02/1995	<50	520	<0.5	<0.5	<0.5	<0.5	<10	NA	13.82	5.94	7.88	0.00
MW-8J	02/05/1996	<50	65	<0.5	<0.5	<0.5	<0.5	NA	NA	13.82	5.34	8.48	0.00
MW-8J	04/30/1996	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	13.82	5.96	7.86	0.00
MW-8J	08/28/1996	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	13.82	6.38	7.44	0.00
MW-8J	12/05/1996	160	<50	13	14	8.9	38	<30	NA	13.82	5.94	7.88	0.00

WELL CONCENTRATIONS
Former Texaco Service Station
500 Grand Avenue
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Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
MW-8J	02/21/1997	<50	<50	<0.5	<05	<0.5	<0.5	<30	NA	13.82	5.60	8.22	0.00
MW-8J	05/02/1997	<50	<50	<0.5	<05	<0.5	<0.5	NA	NA	13.82	6.22	7.60	0.00
MW-8J	07/30/1997	<50	<50	<0.5	<0.5	<0.5	<0.5	<30	NA	13.82	6.28	7.54	0.00
MW-8J	11/05/1997	<50	<50	<0.5	<0.5	<0.5	<0.5	<30	NA	13.82	6.03	7.79	0.00
MW-8J	01/21/1998	<50	<50	<0.5	<0.5	<0.5	<0.5	<30	NA	13.82	5.71	8.11	0.00
MW-8J	06/03/1998	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	NA	13.82	5.45	8.37	0.00
MW-8J	08/04/1998	<50	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	13.82	5.93	7.89	0.00
MW-8J	11/05/1998	<50	<50	2.0	<0.50	<0.50	<0.50	<2.5	NA	13.82	6.05	7.77	0.00
MW-8K	05/21/1993	54	<50	12	<0.5	<0.5	<0.5	NA	NA	15.18	NA	NA	0.00
MW-8K	08/16/1993	<50	<50	<0.5	<0.5	1.0	<0.5	NA	NA	15.18	2.08	13.10	0.00
MW-8K	10/12/1993	<50	<50	4.2	<0.5	<0.5	<0.5	NA	NA	15.18	1.95	13.23	0.00
MW-8K	01/03/1994	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	15.18	1.48	13.70	0.00
MW-8K	05/31/1994	<50	<50	1.0	0.57	<0.5	<0.5	NA	NA	15.18	1.59	13.59	0.00
MW-8K	08/25/1994	<50	<50	0.78	<0.5	<0.5	<0.5	NA	NA	15.18	2.00	13.18	0.00
MW-8K	11/02/1994	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	15.18	2.10	13.08	0.00
MW-8K	01/31/1995	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	15.18	1.35	13.83	0.00
MW-8K	08/18/1995	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	15.18	1.36	13.82	0.00
MW-8K	08/29/1995	<50	160	<0.5	<0.5	<0.5	<0.5	<10	NA	15.18	1.55	13.63	0.00
MW-8K	11/02/1995	<50	<50	<0.5	<0.5	<0.5	<0.5	<10	NA	15.18	1.88	13.30	0.00
MW-8K	02/05/1996	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	15.18	1.46	13.72	0.00
MW-8K	04/30/1996	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	15.18	1.43	13.75	0.00
MW-8K	08/28/1996	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	15.18	1.75	13.43	0.00
MW-8K	12/05/1996	<50	<50	<0.5	<0.5	<0.5	<0.5	<30	NA	15.18	1.42	13.76	0.00
MW-8K	02/21/1997	<50	<50	<0.5	<0.5	<0.5	<0.5	<30	NA	15.18	1.49	13.69	0.00
MW-8K	05/02/1997	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	15.18	1.60	13.58	0.00
MW-8K	07/30/1997	<50	<50	<0.5	<0.5	<0.5	<0.5	<30	NA	15.18	1.66	13.52	0.00

WELL CONCENTRATIONS
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MW-8K	11/05/1997	<50	300	<0.5	<0.5	<0.5	<0.5	<30	NA	15.18	1.62	13.56	0.00
MW-8K	01/21/1998	<50	<50	<0.5	<0.5	<0.5	<0.5	<30	NA	15.18	1.29	13.89	0.00
MW-8K	06/03/1998	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	NA	15.18	1.17	14.01	0.00
MW-8K	08/04/1998	<50	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	15.18	1.21	13.97	0.00
MW-8K	11/05/1998	<50	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	15.18	2.30	12.88	0.00
MW-8L	05/21/1993	76	<50	1.1	<0.5	<0.5	6	NA	NA	14.44	NA	NA	0.00
MW-8L	08/16/1993	<50	<50	<0.5	<0.5	0.7	1.1	NA	NA	14.44	2.47	11.97	0.00
MW-8L	10/12/1993	110	<50	13	<0.5	6	<0.5	NA	NA	14.44	2.36	12.08	0.00
MW-8L	01/03/1994	590	<50	61	2.4	<0.5	110	NA	NA	14.44	2.82	11.62	0.00
MW-8L	05/31/1994	410	<50	77	<0.5	20	1.1	NA	NA	14.44	2.66	11.78	0.00
MW-8L	08/25/1994	260	<50	16	<0.5	2.5	<0.5	NA	NA	14.44	2.34	12.10	0.00
MW-8L	11/02/1994	Well inaccessible		NA	NA	NA	NA	NA	NA	14.44	NA	NA	NA
MW-8L	01/31/1995	Well inaccessible		NA	NA	NA	NA	NA	NA	14.44	0.08	14.36	NA
MW-8L	08/18/1995	Well inaccessible		NA	NA	NA	NA	NA	NA	14.44	0.42	14.02	NA
MW-8L	08/29/1995	Well inaccessible		NA	NA	NA	NA	NA	NA	14.44	NA	NA	NA
MW-8L	11/02/1995	Well inaccessible		NA	NA	NA	NA	NA	NA	14.44	NA	NA	NA
MW-8L	02/05/1996	Well inaccessible		NA	NA	NA	NA	NA	NA	14.44	NA	NA	NA
MW-8L	04/30/1996	Well inaccessible		NA	NA	NA	NA	NA	NA	14.44	NA	NA	NA
MW-8L	08/28/1996	Well inaccessible		NA	NA	NA	NA	NA	NA	14.44	0.75	13.69	NA
MW-8L	12/05/1996	Well inaccessible		NA	NA	NA	NA	NA	NA	14.44	NA	NA	NA
MW-8L	02/21/1997	Well inaccessible		NA	NA	NA	NA	NA	NA	14.44	NA	NA	NA
MW-8L	05/02/1997	Well inaccessible		NA	NA	NA	NA	NA	NA	14.44	0.60	13.84	NA
MW-8L	07/30/1997	Well inaccessible		NA	NA	NA	NA	NA	NA	14.44	NA	NA	NA
MW-8L	11/05/1997	NA	NA	NA	NA	NA	NA	NA	NA	14.44	0.67	13.77	NA
MW-8L	01/21/1998	NA	NA	NA	NA	NA	NA	NA	NA	14.44	NA	NA	NA

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Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)

Abbreviations:

TPPH= Total petroleum hydrocarbons as gasoline by modified EPA Method 8015

TEPH = Total petroleum hydrocarbons as diesel by modified EPA Method 8015

BTEX = benzene, toluene, ethylbenzene, xylenes by EPA Method 8020

MTBE = methyl-tertiary-butyl ether

TOC = Top of Casing Elevation

SPH = Separate-Phase Hydrocarbons

GW = Groundwater

ug/L = parts per billion

msl = Mean sea level

ft = Feet

<n = Below detection limit

D = Duplicate sample

Notes:

** = Non-diesel mix >C16. The certified analytical report for sample MW-8G was revised on 10/21/93.

New well elevation survey performed at wells MW-8F through MW-8L on August 16, 1993 based on mean sea level (MSL). Prior data based on arbitrary site data.

ATTACHMENT A

GROUNDWATER MONITORING REPORT

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (650) 364-9600, FAX (650) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (925) 988-9600, FAX (925) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100
1455 McDowell Blvd. North, Ste. D, Petaluma, CA 94954, (707) 792-1865, FAX (707) 792-0342
1551 Industrial Road, San Carlos, CA 94070-4111, (650) 232-9600, FAX (650) 232-9612

Sequoia Analytical
1551 Industrial Blvd.
San Carlos, CA. 94070
Attention: Tim Costello

Client Project ID: L906122- Blaine Tech Services
Sample Matrix: Water
Analysis Method: EPA 5030/8015 Mod./8020
First Sample #: 906-0872

Sampled: Jun 4, 1999
Received: Jun 7, 1999
Reported: Jun 21, 1999

QC Batch Number: GC061599 802005A | GC061599 802005A | GC061599 802005A

TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX / MTBE

Analyte	Reporting Limit µg/L	Sample I.D. 906-0872 MW-8F	Sample I.D. 906-0873 MW-8G	Sample I.D. Method Blank
Purgeable Hydrocarbons	50	N.D.	N.D.	N.D.
Benzene	0.50	N.D.	N.D.	N.D.
Toluene	0.50	N.D.	N.D.	N.D.
Ethyl Benzene	0.50	N.D.	N.D.	N.D.
Total Xylenes	0.50	N.D.	N.D.	N.D.
MTBE	2.5	N.D.	N.D.	N.D.
Chromatogram Pattern:		--	--	--

Quality Control Data

Report Limit Multiplication Factor:	1.0	1.0	1.0
Date Analyzed:	6/15/99	6/15/99	6/15/99
Instrument Identification:	HP-5	HP-5	HP-5
Surrogate Recovery, %: (QC Limits = 70-130%)	91	87	95

Purgeable Hydrocarbons are quantitated against a fresh gasoline standard.
Analytes reported as N.D. were not detected above the stated reporting limit.

SEQUOIA ANALYTICAL, #1271

Charlie Westwater
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (650) 364-9600, FAX (650) 364-9233
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1455 McDowell Blvd. North, Ste. D, Petaluma, CA 94954, (707) 792-1865, FAX (707) 792-0342
1551 Industrial Road, San Carlos, CA 94070-4111, (650) 232-9600, FAX (650) 232-9612

Sequoia Analytical
1551 Industrial Blvd.
San Carlos, CA. 94070
Attention: Tim Costello

Client Project ID: L906122- Blaine Tech Services
Sample Matrix: Water
Analysis Method: EPA 3510/8015 Mod.
First Sample #: 906-0872

Sampled: Jun 4, 1999
Received: Jun 7, 1999
Reported: Jun 21, 1999

QC Batch Number: SP061699 SP061699 SP061699

8015EXA 8015EXA 8015EXA

TOTAL EXTRACTABLE PETROLEUM HYDROCARBONS

Analyte	Reporting Limit µg/L	Sample I.D. 906-0872 MW-8F	Sample I.D. 906-0873 MW-8G	Sample I.D. Method Blank
Extractable Hydrocarbons	50	120	190	N.D.
Chromatogram Pattern:		Unidentified Hydrocarbons >C13	Unidentified Hydrocarbons >C13	--

Quality Control Data

Report Limit Multiplication Factor:	1.0	1.0	1.0
Date Extracted:	6/16/99	6/16/99	6/16/99
Date Analyzed:	6/17/99	6/17/99	6/17/99
Instrument Identification:	HP-3A	HP-3A	HP-3A

Extractable Hydrocarbons are quantitated against a fresh diesel standard.
Analytes reported as N.D. were not detected above the stated reporting limit.

SEQUOIA ANALYTICAL, #1271

Charlie Westwater
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (650) 364-9600, FAX (650) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (925) 988-9600, FAX (925) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100
1455 McDowell Blvd. North, Ste. D, Petaluma, CA 94954, (707) 792-1865, FAX (707) 792-0342
1551 Industrial Road, San Carlos, CA 94070-4111, (650) 232-9600, FAX (650) 232-9612

Sequoia Analytical
1551 Industrial Blvd.
San Carlos, CA. 94070
Attention: Tim Costello

Client Project ID: L906122- Blaine Tech Services
Matrix Descript: Water
Analysis Method: SM 5520 B (Gravimetric)
First Sample #: 906-0872

Sampled: Jun 4, 1999
Received: Jun 7, 1999
Extracted: Jun 10, 1999
Analyzed: Jun 10, 1999
Reported: Jun 21, 1999

TOTAL RECOVERABLE OIL AND GREASE

Sample Number	Sample Description	Oil & Grease mg/L (ppm)	Detection Limit Multiplication Factor	QC Batch Number
906-0872	MW-8F	N.D.	1.0	SP0610995520EXB
906-0873	MW-8G	23	1.0	SP0610995520EXB
Method Blank	-	N.D.	1.0	SP0610995520EXB

Detection Limits:	5.0

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL, #1271

Charlie Westwater
Project Manager

Sequoia Analytical

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404 N. Wiget Lane, Walnut Creek, CA 94598, (925) 988-9600, FAX (925) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100
1455 McDowell Blvd. North, Ste. D, Petaluma, CA 94954, (707) 792-1865, FAX (707) 792-0342
1551 Industrial Road, San Carlos, CA 94070-4111, (650) 232-9600, FAX (650) 232-9612

Sequoia Analytical
1551 Industrial Blvd.
San Carlos, CA. 94070
Attention: Tim Costello

Client Project ID: L906122- Blaine Tech Services
Matrix: Liquid
QC Sample Group: 9060872-873
Reported: Jun 21, 1999

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes	Diesel	Oil & Grease
QC Batch#:	GC061599	GC061599	GC061599	GC061599	SP061699	SP061099
	802005A	802005A	802005A	802005A	8015EXA	5520EXB
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020	EPA 8015M	SM 5520
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030	EPA 3510	SM 5520
Analyst:	D. Newcomb	D. Newcomb	D. Newcomb	D. Newcomb	K. Grubb	N. VanSlambrook
MS/MSD #:	9060856	9060856	9060856	9060856	BLK061699	BLK061099B
Sample Conc.:	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Prepared Date:	6/15/99	6/15/99	6/15/99	6/15/99	6/16/99	6/10/99
Analyzed Date:	6/15/99	6/15/99	6/15/99	6/15/99	6/17/99	6/10/99
Instrument I.D.#:	HP-5	HP-5	HP-5	HP-5	HP-3A	Manual
Conc. Spiked:	20 µg/L	20 µg/L	20 µg/L	60 µg/L	500 µg/L	100 mg/L
Result:	19	19	19	59	520	99
MS % Recovery:	95	95	95	98	104	99
Dup. Result:	19	18	18	57	410	96
MSD % Recov.:	95	90	90	95	82	96
RPD:	0.0	5.4	5.4	3.4	24	3.1
RPD Limit:	0-20	0-20	0-20	0-20	0-50	0-30

LCS #:	5LCS061599	5LCS061599	5LCS061599	5LCS061599	LCS061699A	LCS061099B
Prepared Date:	6/15/99	6/15/99	6/15/99	6/15/99	6/16/99	6/10/99
Analyzed Date:	6/15/99	6/15/99	6/15/99	6/15/99	6/17/99	6/10/99
Instrument I.D.#:	HP-5	HP-5	HP-5	HP-5	HP-3A	Manual
Conc. Spiked:	20 µg/L	20 µg/L	20 µg/L	60 µg/L	500 µg/L	100 mg/L
LCS Result:	18	18	18	57	470	90
LCS % Recov.:	90	90	90	95	94	90

MS/MSD LCS Control Limits	70-130	70-130	70-130	70-130	60-140	70-130

SEQUOIA ANALYTICAL, #1271

Charlie Westwater
Project Manager

Please Note:
The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

** MS = Matrix Spike, MSD = MS Duplicate, RPD = Relative % Difference

BLAINE TECH SERVICES INC.

1680 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112-1105
FAX (408) 573-7771
PHONE (408) 573-0555

CHAIN OF CUSTODY 990609-61

CLIENT: Equiva - Karen Petryna

SITE: 500 Grand Avenue
Oakland, CA

L906122

C = COMPOSITE ALL CONTAINERS

CONDUCT ANALYSIS TO DETECT

LAB: SEQUOIA

DHS #

ALL ANALYSES MUST MEET SPECIFICATIONS AND DETECTION LIMITS SET BY CALIFORNIA DHS AND

☐ EPA ☐ RWQCB REGION ____
☐ LIA
☐ OTHER

SPECIAL INSTRUCTIONS

Send invoice to Equiva

Incident # 88870189

Send report to Blaine Tech Services

Attn: Ann Pember

SAMPLE I.D.			MATRIX S = SOIL W = H2O	CONTAINERS TOTAL	C	TPH - gas, BTEX	MTBE by 8020	MTBE by 8260	TPH-diesel	Oxygenates by 8260	1,2-DCA & EDB by 8010	5	ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
3 MW-8F	6/4/99	950	W	7		X	X		X			X	Confirm MTBE by 8260; if detected, or if detection limit is raised above 5 ppb.			
MW-8G	6/4/99	1010	W	7		X	X		X			X				

WC

SAMPLING COMPLETED	DATE	TIME	SAMPLING PERFORMED BY
	6/4/99	1030	

RESULTS NEEDED NO LATER THAN

RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME	
	6/7/99	10:34		6-7-99		
RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME	
			Nollee Lane	6/7/99	1145	
RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME	

SHIPPED VIA	DATE SENT	TIME SENT	COOLER #

WELL GAUGING DATA

Project # 990604-61 Date 6/4/99 Client Equiva

Site 500 Grand Ave., Oakland, CA

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	
MW-8F	4					8.24	14.35	TOC	
MW-8G	4					7.95	14.30		

EQUIVA WELL MONITORING DATA SHEET

Project #: 990604-61	Job # 628880235
Sampler: MC	Date: 6/4/99
Well I.D.: MW-8F	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 14.35	Depth to Water: 8.24
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius^2 * 0.163

Purge Method: Bailer / Middleburg / X Electric Submersible / Extraction Pump / Other: ___

Sampling Method: ~~Bailer~~ / Extraction Port / Other: ___

4.0 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 12.0 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
942	62.5	7.7	2960	>200	4	
943	62.0	7.8	3010	>200	8	
944	61.8	7.8	3090	>200	12	
		Removed ORC's to sample				

Did well dewater? Yes (No) Gallons actually evacuated: 12

Sampling Time: 950 Sampling Date: 6/4/99

Sample I.D.: MW-8F Laboratory: (Sequoia) BC Other ___

Analyzed for: ~~TPH-G~~ BTEX MTBE TPH-D Other: ~~TEPH~~ O+G

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

EQUIVA WELL MONITORING DATA SHEET

Project #: 990604-G1	Job # 624880235
Sampler: MG	Date: 6/4/99
Well I.D.: MW-86	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 14.30	Depth to Water: 7.95
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius^2 * 0.163

Purge Method: Bailer / Middleburg / ~~Electric Submersible~~ (X) / Extraction Pump / Other: ______

Sampling Method: ~~Bailer~~ (X) / Extraction Port / Other: ______

4.1 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 12.3 Gals. (Calculated Volume)

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1002	63.4	7.7	3610	>200	5.0	
1003	62.8	7.7	3690	167	9.0	
1004	62.5	7.7	3740	142	13.0	
		Removed ORC's to Sample				

Did well dewater? Yes (No) — Gallons actually evacuated: 13

Sampling Time: 1010 — Sampling Date: 6/4/99

Sample I.D.: MW-86 — Laboratory: (Sequoia) BC Other______

Analyzed for: (TPH-G BTEX MTBE TPH-D) Other: ~~[illegible]~~ O+G

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

WELL HEAD INSPECTION CHECKLIST AND REPAIR ORDER

Client Equiva Site # 624880235 Inspection date: 6/4/99

Site address 500 Grand Ave. Inspected by: MG

Oakland, CA BTS Event # 990604-67

1. Lid on the box? Yes No	5. Water standing in the well box?	7. Can cap be pulled loose?
2. Lid whole?	5a. Standing above well top?	8. Can cap seal out water?
3. Lid secure?	5b. Standing below well top?	9. Padlock present?
4. Lid seal intact?	5c. Water even with top of well cap?	10. Padlock found locked?
	6. Well cap/plug present?	11. Padlock functional?

☐ Check box if *no deficiences* were found. Note below deficiencies you were able to correct.

Well I.D.	Deficiency	Corrective Action Taken
MW-8F	5a	Bailed H_2O.

Note below all deficiences that could not be corrected and *still need to be corrected.*

Well I.D.	Persisting Deficiency	BTS Office assigns or defers Correction to:	Date assigned	Date corrected

Office review and assignments made by _____ date _____

FIELD SERVICES / O & M REQUEST

APR 2 9 1999

SITE INFORMATION FORM

Identification

Project # 305-051.5A

Station # WIC No. 204-4962-0309

Site Address:

950 E Calaveras Blvd @ Hwy 680

Milpitas, CA

County: Santa Clara

Project Manager: Janet Yantis

Requester: Julie Dasinger

Project Type

- ☐ 1st Time Visit
- ☐ Quarterly
  - ☐ 1st ☐ 2nd ☐ 3rd ☐ 4th
- ☒ Monthly through 1999
- ☐ Semi-Monthly
- ☐ Weekly
- ☐ One Time Event
- ☐ Other:

Client P.O.C.:

Date of Request: April 5, 1999

Ideal Field Date(s): April 21,

May 19, June 23, July 21, Aug. 25, Sept. 22, Oct. 20, Nov. 17, Dec. 15

Laboratory: Sequoia

Mileage:

Budget Hours: 9

Actual Hours:

Mob/Demob:

Field Tasks: For General Description

circle one:
Priority: 1. (emergency, must be done within 24 hours); 2. (next visit); 3. (when available)

Objective: Vac truck event to remove groundwater from site.

1) Please call Mark Warn or Jay at Philip Services , 1-800-800-7472, prior to event to confirm vac truck date for this site.
2) Meet vac truck (driver name is Don Hanover) on site at 8:00AM. He will know what to do with the stinger set up and is familiar with the procedure.
3) Take DTW measurements before beginning the water vacuuming in wells MW-1, MW-5, & MW-6 on the provided data sheet (see attached map and data sheet).
4) Begin vacing well MW-1 when DTW measurements have been taken. Take a groundwater sample with a bailer after the stinger has been in the well and vacuumed for 5-10 minutes. Label sample by Well Number and time sample was taken (i.e. MW- 1 @ 9:00).
5) Take DTW measurements at half-hour to hour intervals.
6) Continue vacing well until truck is full (yellow mark on tank gauge), or until 2:30PM.
7) When finished vacing well, measure the amount of water in the tank using table provided.
8) Before leaving site, take final DTW measurements and sample from vacuumed well.
9) Submit samples to Sequoia Analytical – Normal TAT, Shell COC.

Comments, remarks, etc. from Field Staff (include problems encountered and out-of-scope work)

Task Completed.

☒ Samples taken ☐ Samples not required ☐ Soil vapor ☐ Groundwater

☐ Weekly ☐ Semi-Monthly ☐ Monthly ☐ Quarterly ☐ Semi-Annual

PACIFIC ENVIRONMENTAL GROUP, INC.
Vac Truck Event Data Sheet

Completed by: Pedro E. Ruiz Date: 4/21/99

950 E. Calaveras Blvd. At Highway 680
Milpitas, California

Date: 4/21/99

Time of arrival on site: 7:45

Sampling Information: 305051SA

Well Number	Time beginning sample taken	Time final sample taken
MW-1	8:20	14:30

28 1/2 FROM TOPOF TANK TO WATER

Depth to Water Measurements:

Well Number	Time	DTW (feet)
MW-1	8:00	9.90
	8:30	16.45
	9:00	16.60
	9:30	16.35
Comments:	10:00	12.90
	10:30	13.50
	11:00	14.30
	11:30	14.50
	12:00	14.90
Comments:	12:30	14.25
	13:02	15.35
	13:32	13.85
		14.80
		10.40
Comments:		
MW-6	8:03	10.10
	8:32	10.30
	9:02	10.40
	9:33	10.48
Comments:	10:01	10.50
	10:32	9.90
	11:01	9.80
	11:31	10.10
	12:02	10.48

Well Number	Time	DTW (feet)
MW5	8:06	9.60
	8:34	9.70
	9:04	9.75
	9:35	9.80
Comments:	10:03	9.80
	10:33	9.80
	11:02	9.80
	11:32	9.81
	12:03	9.83
Comments:	12:33	9.85
	13:05	9.87
	13:34	9.85
		9.87
Comments:		
MW6	12:31	10.48
	13:03	10.55
	13:33	10.48
		10.53
Comments:		

Project # 30508151A DATE: 4/2199

Site Add. 950 E Calaveras NAME: Pedro E Ruiz

Blvd Milpitas Client Name/Phone#: _____

DRUMS

Label#	Drum#	Contents	Date Generated	~Gallons
	9	Buckets Soil	4/21	
	1	1/2 Full Soil	4/21	1/2 Full

Is this an operating site? Y / N Are drums accessible? Y / N

Drums in compound? Y / N Key#_____

Do you need drums left at site? Y / N Need them pumped by_____How Many to be left?

DRUMS ORDERED _____

Delivery Date _____

Supplier_____

Silt Placed on Spoils Y / N

Drums left at site? Y / N

If yes, how many & contents_____

SPOILS PILES

Date Generated _____

Approximate Yardage_____

Covered w/ visqueen? Y / N

Labeled? Y / N Label I.D._____

Is this an operating station? Y / N

Is the soil/site accessible for hauler? Y / N

Is a key needed to access the site? Y / N Key# _____

ATTACH MAP AND SHOW LOCATION OF SPOILS AND WHAT SOIL IS FROM

PLEASE NOTE BELOW HOW THE SPOILS WERE GENERATED (i.e., drilled wells MW-1, thru MW-5)

Well development req'd?_____ Scheduled Y / N When? _____

Spoils Generated How?:

Comments:

SHELL OIL COMPANY 305051SA
RETAIL ENVIRONMENTAL ENGINEERING - WEST

CHAIN OF CUSTODY RECORD
Serial No: _____

Date: 4-21-99
Page 1 of 1

Site Address: 950 E. Calaveras Blvd Milpitas

WIC#: 204-1900-0309

Shell Engineer: _____ Phone No.: _____ Fax #: _____

Consultant Name & Address: PACIFIC ENVIRONMENTAL GROUP, INC. 2025 GATEWAY PLACE, Ste. 440 SAN JOSE, CALIFORNIA 95110

Consultant Contact: JANET YAMTIS Phone No.: 408 441-7500 Fax #: 441-9102

Comments:

Sampled by:

Printed Name: PEDRO E. RUIZ

LAB: SEQUOIA

Sample ID	Date	Sludge	Soil	Water	Air	No. of conts.	TPH (EPA 8015 Mod. Gas)	TPH (EPA 8015 Mod. Diesel)	BTEX (EPA 8020/602)	Volatile Organics (EPA 8240)	Test for Disposal	Combination TPH 8015 & BTEX 8020	MTBE by 8260	Asbestos	Container Size	Preparation Used	Composite Y/N	MATERIAL DESCRIPTION	SAMPLE CONDITION/ COMMENTS
MW1@8:20	4-21-99			X		3						X	X	2					
MW1@14:30	↓			↓		↓						↓	↓	↓					

Analysis Required

CHECK ONE (1) BOX ONLY	CT/DT
G.W. Monitoring	4461
Site Investigation	4441
Soil Classify/Disposal	4442
Water Classify/Disposal	4443
Soil/Air Rem. or Sys. O & M	4452
Water Rem. or Sys. O & M	4453
Other	

TURN AROUND TIME: 24 hours ☐ 48 hours ☐ 15 days ☒ (Normal) Other ☐ _____

NOTE: Notify Lab as soon as Possible of 24/48 hrs. TAT.

UST AGENCY: _____

Relinquished By (signature):	Printed Name: PEDRO E. RUIZ	Date: 4-21-99 Time: 1515	Received (signature):	Printed Name:	Date: Time:
Relinquished By (signature):	Printed Name:	Date: Time:	Received (signature):	Printed Name:	Date: Time:
Relinquished By (signature):	Printed Name:	Date: 4/21/99 Time: 15:15	Received (signature):	Printed Name: GERA	Date: Time:

THE LABORATORY MUST PROVIDE A COPY OF THIS CHAIN-OF-CUSTODY WITH INVOICE AND RESULTS

Rev 1/1/94

Shell Oil Chn of Custody

FIELD SERVICES / O & M REQUEST

SITE INFORMATION FORM

Identification

Project # 305-051.5A

Station # WIC No. 204-4962-0309

Site Address:

950 E Calaveras Blvd @ Hwy 680

Milpitas, CA

County: Santa Clara

Project Manager: Janet Yantis

Requester: Kurt Lueneburger

Project Type

- ☐ 1st Time Visit
- ☐ Quarterly
  - ☐ 1st ☐ 2nd ☐ 3rd ☐ 4th
- ☒ Monthly through 1999
- ☐ Semi-Monthly
- ☐ Weekly
- ☐ One Time Event
- ☐ Other:

Client P.O.C.:

Date of Request: June 17, 1999

Ideal Field Date(s): April 21,

May 19, June 23, July 21, Aug. 25, Sept. 22, Oct. 20, Nov. 17, Dec. 15

Laboratory: Sequoia

Mileage:

Budget Hours: 9

Actual Hours:

Mob/Demob:

Field Tasks: For General Description

circle one:
Priority: 1. (emergency, must be done within 24 hours); 2. (next visit); 3. (when available)

Objective: Vac truck event to remove groundwater from site.

1) Please call Mark Warn or Jay at Philip Services , 1-800-800-7472, prior to event to confirm vac truck date for this site.
2) Meet vac truck (driver name is Don Hanover) on site at 8:00AM. He will know what to do with the stinger set up and is familiar with the procedure.
3) Take DTW measurements before beginning the water vacuuming in wells MW-1, MW-5, & MW-6 on the provided data sheet (see attached map and data sheet).
4) Begin vacing well MW-1 when DTW measurements have been taken. Take a groundwater sample with a bailer after the stinger has been in the well and vacuumed for 5-10 minutes. Label sample by Well Number and time sample was taken (i.e. MW-1 @ 9:00).
5) Take DTW measurements at half-hour to hour intervals.
6) Continue vacing well until truck is full (yellow mark on tank gauge), or until 2:30PM.
7) When finished vacing well, measure the amount of water in the tank using table provided.
8) Before leaving site, take final DTW measurements and sample from vacuumed well.
9) Submit samples to Sequoia Analytical – Normal TAT, Shell COC.

Comments, remarks, etc. from Field Staff (include problems encountered and out-of-scope work)

TASK Completed.

☒ Samples taken ☐ Samples not required ☐ Soil vapor ☐ Groundwater

☐ Weekly ☐ Semi-Monthly ☐ Monthly ☐ Quarterly ☐ Semi-Annual

PACIFIC ENVIRONMENTAL GROUP, INC.
Vac Truck Event Data Sheet

Completed by: _____ Date: _____

950 E. Calaveras Blvd. At Highway 680
Milpitas, California

Date: 6.23.99

Time of arrival on site: 7:45

Sampling Information: 305051.5A

Well Number	Time beginning sample taken	Time final sample taken
Mw1	@8:15	@14:15

1750 Gal.

Depth to Water Measurements:

Well Number	Time	DTW (feet)
Mw-1	7:50	9.97
	8:30	10.58
	9:01	10.40
	9:32	10.25
Comments:	10:03	10.10
	10:32	10.20
	11:02	10.10
	11:33	10.05
	12:02	10.05
Comments:	12:33	10.13
	13:01	10.10
	13:31	10.05
	14:02	10.85
		10.00
Comments: Mw6	7:53	10.10
	8:33	10.37
	9:02	10.47
	9:33	10.56
	10:04	10.57
Comments:	10:33	10.58
	11:03	10.59
	11:34	10.59
	12:03	10.60
	12:34	10.63

Well Number	Time	DTW (feet)
Mw5	7:55	9.80
	8:34	9.70
	9:03	9.77
	9:34	9.82
Comments:	10:05	9.84
	10:34	9.87
	11:04	9.88
	11:35	9.90
	12:04	9.91
Comments:	12:35	9.92
	13:03	9.94
	13:33	9.95
	14:03	9.95
Comments:		
	13:02	10.65
	13:32	10.61
	14:04	10.67
Comments:		

SHELL OIL COMPANY 305051.5A
RETAIL ENVIRONMENTAL ENGINEERING - WEST

CHAIN OF CUSTODY RECORD
Serial No: _____

Date: 6-23-99
Page 1 of 1

Site Address: 950 E. Calaveras Blvd Milpitas

WIC#: 204 9602 0309

Shell Engineer: _____ Phone No.: _____ Fax #: _____

Consultant Name & Address: PACIFIC ENVIRONMENTAL GROUP, INC. 2025 GATEWAY PLACE, Ste. 440 SAN JOSE, CALIFORNIA 95110

Consultant Contact: JANET YANTO Phone No.: 408 441-7500 Fax #: 441-9102

Comments:

Sampled by:

Printed Name: PEDRO E. RUIZ

Analysis Required

Sample ID	Date	Sludge	Soil	Water	Air	No. of conts.	TPH (EPA 8015 Mod. Gas)	TPH (EPA 8015 Mod. Diesel)	BTEX (EPA 8020/602)	Volatile Organics (EPA 8240)	Test for Disposal	Combination TPH 8015 & BTEX 8020	MTBE by 8260	Asbestos	Container Size	Preparation Used	Composite Y/N	MATERIAL DESCRIPTION	SAMPLE CONDITION/ COMMENTS
MW1@8:15	6/23/99			W		3						X	X	2			C		
MW1@14:15	X			X		X						X	X						

LAB: _____

CHECK ONE (1) BOX ONLY	CT/DT	TURN AROUND TIME
G.W. Monitoring	X 4461	24 hours ☐
Site Investigation	☐ 4441	48 hours ☐
Soil Classify/Disposal	☐ 4442	15 days X (Normal)
Water Classify/Disposal	☐ 4443	Other ☐ ____
Soil/Air Rem. or Sys. O & M	☐ 4452	NOTE: Notify Lab as soon as Possible of 24/48 hrs. TAT.
Water Rem. or Sys. O & M	☐ 4453	
Other	☐	

UST AGENCY: _____

Relinquished By (signature):	Printed Name:	Date: 6/23/99 Time: 1500	Received (signature):	Printed Name:	Date: 6/23/99 Time: 1500
Relinquished By (signature):	Printed Name:	Date: Time:	Received (signature):	Printed Name:	Date: Time:
Relinquished By (signature):	Printed Name:	Date: Time:	Received (signature):	Printed Name:	Date: Time:

THE LABORATORY MUST PROVIDE A COPY OF THIS CHAIN-OF-CUSTODY WITH INVOICE AND RESULTS

Rev 1/12/93

Shell Oil Co. Chain of Custody

FIELD SERVICES / O & M REQUEST

SITE INFORMATION FORM

Identification

Project # 305-051.5A

Station # WIC No. 204-4962-0309

Site Address:

950 E Calaveras Blvd @ Hwy 680

Milpitas, CA

County: Santa Clara

Project Manager: Janet Yantis

Requester: Julie Dasinger

Project Type

- ☐ 1st Time Visit
- ☐ Quarterly
  - ☐ 1st ☐ 2nd ☐ 3rd ☐ 4th
- ☒ Monthly through 1999
- ☐ Semi-Monthly
- ☐ Weekly
- ☐ One Time Event
- ☐ Other:

Client P.O.C.:

Date of Request: April 5, 1999

Ideal Field Date(s): April 21,

May 19, June 23, July 21, Aug. 25, Sept. 22, Oct. 20, Nov. 17, Dec. 15

Laboratory: Sequoia

Mileage:

Budget Hours: 9

Actual Hours:

Mob/Demob:

Field Tasks: For General Description

circle one:
Priority: 1. (emergency, must be done within 24 hours); 2. (next visit); 3. (when available)

Objective: Vac truck event to remove groundwater from site.

1) Please call Mark Warn or Jay at Philip Services , 1-800-800-7472, prior to event to confirm vac truck date for this site.
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5) Take DTW measurements at half-hour to hour intervals.
6) Continue vacing well until truck is full (yellow mark on tank gauge), or until 2:30PM.
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9) Submit samples to Sequoia Analytical – Normal TAT, Shell COC.

Comments, remarks, etc. from Field Staff (include problems encountered and out-of-scope work)

Task Completed

☐ Samples taken ☐ Samples not required ☐ Soil vapor ☐ Groundwater

☐ Weekly ☐ Semi-Monthly ☐ Monthly ☐ Quarterly ☐ Semi-Annual