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November 1, 2000
Project 805385

Mr. Richard Croop
Glascock Street Properties
c/o E.B. Field Company
436 14th Street, #805
Oakland, California 94612-1394

Re: **Quarterly Report - Second Quarter 2000**
2901 Glascock Street
Oakland, California

Dear Mr. Croop:

This letter has been prepared for Glascock Street Properties by IT Corporation (IT). The following presents results of the second quarter 2000 groundwater monitoring program for the site at 2901 Glascock Street in Oakland, California.

QUARTERLY GROUNDWATER MONITORING PROGRAM

All seven existing groundwater monitoring wells (MW–1 through MW-4, and MW-6 through MW-8; Figure 1) were gauged and sampled by IT on June 30, 2000. The depth to groundwater and groundwater analytical data are presented in Tables 1 and 2. The wells were sampled and analyzed for the presence of total extractable petroleum hydrocarbons quantified as diesel (TEPH-d), benzene, toluene, ethylbenzene, and xylenes (BTEX compounds), total extractable petroleum hydrocarbons quantified as motor oil (TEPH-mo), total purgeable petroleum hydrocarbons quantified as gasoline (TPPH-g), and methyl tert-butyl ether (MtBE). TEP-d is considered to be the primary constituent of concern at this site. Figure 1 presents the results of the interpreted water elevation contours and groundwater analytical results for TEPH-d, benzene, and TEPH-mo.

Groundwater Levels

All monitoring wells (MW-1through MW-8) exhibited decreases (ranging from 1.3 to 2.87 feet) in groundwater elevation compared with the prior quarter (Table 1). The general groundwater flow direction continues to be to the south/southwest (toward the Oakland Estuary) at a gradient of approximately 0.021 (Figure 1).

Groundwater Quality

Table 2 presents the groundwater analytical data. Figure 1 illustrates the groundwater analytical results for TEPH-d, benzene, and TEPH-mo. Certified analytical results, chain-of-custody documentation, and field data sheets are contained in Attachment A.

No measurable separate-phase hydrocarbons (SPH) were observed in any site monitoring wells this quarter. TEPH-d was reported in groundwater samples from all seven wells (MW-1, through MW-4, MW-6, MW-7 and MW-8) at concentrations between 77.5 and 1,480 µg/L. No detectable concentrations of TEPH-mo were reported for any of the wells sampled. The laboratory was requested to prepare groundwater samples for TEPH analyses using a 0.7 micron glass filter followed by a silica gel column cleanup.

Detectable concentrations of TPPH-g were reported for samples collected from five of seven wells this quarter, ranging from 87.5 to 8,550 micrograms per liter (µg/L) (see Table 2). Benzene was detected in three wells, MW-1, MW-2, and MW-6, at concentrations of 3.59, 1.71 and 58.9 µg/L, respectively. MtBE was reported in the groundwater sample from Well MW-7, which is located offsite and upgradient of the subject property, at a concentration of 35.8 µg/L.

ADDITIONAL ACTIVITIES

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In July 1999, oxygen releasing compound (ORC) grout was placed in ~~five~~ geoprobe boreholes installed at the site. On September 13, 1999, "socks" ORC were installed in wells, MW-1, MW-2 and MW-6. The ORC releases oxygen into the water in the well in order to assist the intrinsic biodegradation of petroleum hydrocarbons. Field measurements indicate dissolved oxygen in the vicinity of wells MW-1 and MW-2 at concentrations above pre-ORC levels, while dissolved oxygen concentrations have apparently stabilized in well MW-6 near pre-ORC levels.

CONCLUSIONS

The groundwater analytical results for this quarter indicate all wells were within the cleanup goal of 640 µg/L TEPH-d, with the exception of well MW-2 located near the northeastern corner of the property.

Concentrations of heavy end petroleum hydrocarbons in monitoring wells at the site have generally declined compared with prior sampling events beginning in October of 1994. Fluctuations in concentrations appear to occur with variations in the depth to groundwater and with tidal fluctuations in the adjacent estuary, especially in the vicinity of well MW-6.

Concentrations of MtBE are reported for groundwater from an offsite, upgradient monitoring well (MW-7) and in wells downgradient and onsite. Based on the

concentrations observed in Well MW-7, it appears that an upgradient, offsite source of MtBE continues to impact monitoring wells at this site.

Sincerely,

IT Corporation

Andrew D. Lehane
Senior Engineer
RCE 55798

Attachments: Table 1 - Groundwater Elevation Data
Table 2 - Groundwater Analytical Data
Table 3 - Dissolved Oxygen Field Measurements
Figure 1-Groundwater Monitoring Map, Second Quarter 2000
Attachment A Certified Analytical Reports, Chain-of-Custody Documentation, and Field Data Sheets

cc: Mr. Barney Chan, ACHCSA

ATTACHMENT A
CERTIFIED ANALYTICAL REPORTS, CHAIN-OF-CUSTODY DOCUMENTATION, AND FIELD DATA SHEETS

Table 1
Groundwater Elevation Data

2901 Glascock Street
Oakland, California

Well Number	Date Gauged	Well Elevation (feet, MSL)	Depth to Water (feet, TOC)	Groundwater Elevation (feet, MSL)
MW-1	10/06/94	10.76	NA	NA
	01/20/95		6.67	4.09
	05/15/95		7.08	3.68
	08/28/95		8.06	2.70
	12/06/95		8.24	2.52
	01/18/96	10.76	6.35	4.41
	03/08/96		6.52	4.24
	07/02/96		8.35	2.41
	12/17/96		6.85	3.91
	03/21/97		7.90	2.86
	06/25/97		9.20	1.56
	09/29/97		8.90	1.86
	12/11/97		7.10	3.66
	03/27/98		7.50	3.26
	06/26/98		8.65	2.11
	09/11/98		8.35	2.41
	12/24/98		8.50	2.26
	03/31/99		7.75	3.01
	06/17/99		8.70	2.06
	09/13/99		8.83	1.93
	12/28/99		9.10	1.66
	03/02/00		6.65	4.11
	06/30/00		8.30	2.46
MW-2	10/06/94	10.62	7.17	3.45
	01/20/95		4.64	5.98
	05/15/95		5.66	4.96
	08/28/95		6.26	4.36
	12/06/95		7.30	3.32
	01/18/96	10.63	4.85	5.78
	03/08/96		4.38	6.25
	07/02/96		6.60	4.03
	12/17/96		5.10	5.53
	03/21/97		6.25	4.38
	06/25/97		8.01	2.62
	09/29/97		8.45	2.18
	12/11/97		5.63	5.00
	03/27/98		6.50	4.13
	06/26/98		7.55	3.08
	09/11/98		7.15	3.48
	12/24/98		6.77	3.86
	03/31/99		5.80	4.83
	06/17/99		7.10	3.53
	09/13/99		7.66	2.97
	12/28/99		8.25	2.38
	03/02/00		4.90	5.73
	06/30/00		6.71	3.92
MW-3	10/06/94	9.87	6.57	3.30
	01/20/95		4.47	5.40
	05/15/95		5.08	4.79
	08/28/95		6.18	3.69
	12/06/95		6.44	3.43
	01/18/96	9.87	4.15	5.72
	03/08/96		4.76	5.11
	07/02/96		6.45	3.42
	12/17/96		4.92	4.95
MW-3	03/21/97		5.72	4.15

Table 1
Groundwater Elevation Data

2901 Glascock Street
Oakland, California

Well Number	Date Gauged	Well Elevation (feet, MSL)	Depth to Water (feet, TOC)	Groundwater Elevation (feet, MSL)
(cont'd)	06/25/97		6.35	3.52
	09/29/97		6.35	3.52
	12/11/97		4.70	5.17
	03/27/98		5.15	4.72
	06/26/98		6.17	3.70
	09/11/98		6.40	3.47
	12/24/98		6.27	3.60
	03/31/99		5.35	4.52
	06/17/99		6.60	3.27
	09/13/99		6.85	3.02
	12/28/99		6.72	3.15
	03/02/00		4.70	5.17
	06/30/00		6.25	3.62
MW-4	10/06/94	10.64	7.96	2.68
	01/20/95		5.95	4.69
	05/15/95		6.28	4.36
	08/28/95		7.38	3.26
	12/06/95		7.80	2.84
	01/18/96	10.64	5.60	5.04
	03/08/96		5.93	4.71
	07/02/96		7.95	2.69
	12/17/96		6.35	4.29
	03/21/97		7.30	3.34
	06/25/97		7.95	2.69
	09/29/97		7.65	2.99
	12/11/97		5.75	4.89
	03/27/98		6.60	4.04
	06/26/98		7.85	2.79
	09/11/98		7.85	2.79
	12/24/98		7.93	2.71
	03/31/99		7.15	3.49
	06/17/99		8.25	2.39
	09/13/99		8.40	2.24
	12/28/99		8.24	2.40
	03/02/00		5.75	4.89
	06/30/00		7.84	2.80
MW-5	05/15/95	10.61	7.54	3.07
	08/28/95		8.44	2.17
	12/06/95		8.34	2.27
	01/18/96	10.61	7.15	3.46
	03/08/96		7.54	3.07
	07/02/96		9.45	1.16
	12/17/96		NA a	NA
			- well destroyed -	
MW-6	05/15/95	10.27	7.46	2.81
	08/28/95		8.06	2.21
	12/06/95		8.78	1.49
	01/18/96	10.28	7.85	2.43
	03/08/96		8.64	1.64
	07/02/96		11.50	-1.22
	12/17/96		9.40	0.88
	03/21/97		9.00	1.28
	06/25/97		11.50	-1.22
MW-6 (cont'd)	09/29/97		9.95	0.33
	12/11/97		8.50	1.78

Table 1
Groundwater Elevation Data

2901 Glascock Street
Oakland, California

Well Number	Date Gauged	Well Elevation (feet, MSL)	Depth to Water (feet, TOC)	Groundwater Elevation (feet, MSL)
	03/27/98		10.10	0.18
	06/26/98		12.10	-1.82
	09/11/98		9.90	0.38
	12/24/98		10.15	0.13
	03/31/99		10.18	0.10
	06/17/99		11.05	-0.77
	09/13/99		10.63	-0.35
	12/28/99		10.55	-0.27
	03/02/00		8.90	1.38
	06/30/00		11.51	-1.23
MW-7	05/15/95	9.85	3.46	6.39
	08/28/95		4.49	5.36
	12/06/95		5.04	4.81
	01/18/96	9.86	3.10	6.76
	03/08/96		3.18	6.68
	07/02/96		4.40	5.46
	12/17/96		3.45	6.41
	03/21/97		3.75	6.11
	06/25/97		4.75	5.11
	09/29/97		5.05	4.81
	12/11/97		3.45	6.41
	03/27/98		3.45	6.41
	06/26/98		4.00	5.86
	09/11/98		4.95	4.91
	12/24/98		4.30	5.56
	03/31/99		3.50	6.36
	03/31/99		4.85	5.01
	09/13/99		5.30	4.56
	12/28/99		5.07	4.79
	03/02/00		3.00	6.86
	06/03/00		4.30	5.56
MW-8	01/18/96	10.61	7.15	3.46
	03/08/96		NA	NA
	07/02/96		10.80	-0.19
	12/17/96		8.52	2.09
	03/21/97		8.60	2.01
	06/25/97		10.27	0.34
	09/29/97		8.75	1.86
	12/11/97		7.20	3.41
	03/27/98		8.85	1.76
	06/26/98		10.70	-0.09
	09/11/98		9.40	1.21
	12/24/98		9.85	0.76
	03/31/99		9.58	1.03
	03/31/99		10.55	0.06
	09/13/99		10.38	0.23
	12/28/99		9.80	0.81
	03/02/00		7.76	2.85
	06/30/00		10.63	-0.02

MSL = Mean sea level
TOC = Top of casing
NA = Not available
a. Well MW-5 was destroyed in September 1996.

Table 2
Groundwater Analytical Data
TPPH as Gasoline, BTEX Compounds, TEPH as Diesel and Motor Oil, and MtBE

2901 Glascock Street
Oakland, California

Well Number	Date Sampled	TPPH as Gasoline (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	TEPH as Diesel (µg/L)	TEPH as Motor Oil (µg/L)	MTBE (µg/L)
MW-1	10/06/94	NS	NS	NS	NS	NS	NS	NS	NS
	01/20/95	670	5.3	ND	ND	1.1	1,900	NA	NA
	05/15/95	290	7.9	ND	ND	1.4	3,400	NA	NA
	08/28/95	250	5.4	ND	ND	1.1	1,800	NA	NA
	11/29/95	NA	NA	NA	NA	NA	ND	ND	NA
	12/06/95	770	4.8	ND	ND	1.3	39,000	NA	NA
	01/18/96	NA	NA	NA	NA	NA	23,000	NA	NA
	03/08/96	360	2,600	ND	ND	1.9	16,000	NA	24
	07/02/96	5,300 a	ND	ND	ND	ND	6,600	ND	ND
	12/17/96	540 b	3.4	ND	ND	0.83	2,800 c	1,600 d	60
	03/21/97	590	5.5	0.66	ND	ND	5,500 e	5,000 d	71
	05/16/97	NA	NA	NA	NA	NA	NA	NA	NA
	06/25/97	470 h	ND	ND	ND	ND	39,000 e	26,000 d	45
	09/29/97	510 h	2.2	ND	ND	ND	5,000 e	4,000 d	37
	12/11/97	ND	ND	ND	ND	ND	1,900 e	1,300 d	ND
	03/27/98	280 k	5.0	0.60	ND	ND	4,600 e	3,900 d	890
	06/26/98	450 f	2.6	ND	ND	ND	1,700 e	1,300 d	41
	09/11/98	230 l	2.8	ND	ND	1.8	3,000 m	ND	8.7
	09/11/98	NA	NA	NA	NA	NA	620 g	520 d	NA
	12/24/98	380 b	5.0	ND	ND	ND	2,100 g	1,600 d	ND
	03/31/99	190 b	3.0	ND	ND	1.4	10,000 e	6,600 d	55
	06/17/99	133	3.27	ND	ND	ND	1,920 g	2,770 d	11.9
	09/13/99	523	2.70	ND	ND	ND	493	ND	ND
	12/28/99	574	3.2	ND	ND	1.2	429	ND	55.9
	03/02/00	209	1.99	ND	ND	1.24	4,620	ND	9.36
	06/30/00	920 b	3.59	1.59	0.635	2.92	534 g	ND	ND
MW-2	10/06/94	NS	NS	NS	NS	NS	NS	NS	NS
	01/20/95	520	2.2	1.9	ND	1.3	4,000	NA	NA
	05/15/95	310	2.3	1.9	ND	1.4	5,100	NA	NA
	08/28/95	320	2.9	2.9	ND	2.6	4,100	NA	NA
	11/29/95	NS	NS	NS	NS	NS	NS	NS	NS
	12/06/95	210	2.0	2.2	ND	0.57	17,000	NA	NA
	01/18/96	NA	NA	NA	NA	NA	22,000	NA	NA
	03/08/96	310	2.4	1.9	ND	1.4	56,000	NA	ND
	07/02/96	9,300 a	ND	ND	ND	ND	19,000	ND	ND
	12/17/96	140 b	1.1	2.0	ND	1.4	10,000 e	5,400 d	ND
	03/21/97	230	2.1	1.9	ND	ND	17,000 e	16,000 d	ND
	05/16/97	NA	NA	NA	NA	NA	NA	NA	NA
	06/25/97	630 h	ND	ND	ND	ND	16,000 e	13,000 d	ND
	09/29/97	300 h	1.3	0.66	ND	ND	32,000 e	20,000 d	ND
	12/11/97	ND	ND	ND	ND	ND	4,800 e	4,000 d	ND
	03/27/98	94 k	1.3	1.30	ND	ND	15,000 e	11,000 d	18
	06/26/98	490 b	ND	ND	ND	ND	11,000 e	5,900 d	ND
	09/11/98	550 l	ND	ND	ND	ND	11,000 n	ND	ND
	09/11/98	NA	NA	NA	NA	NA	6,100 g	ND	NA
	12/24/98	990 b	ND	6.8	9.1	17	2,000 g	1,200 d	ND
	3/3/1/99	580 p	1.3	2.2	ND	0.99	21,000 g	14,000 d	ND
	06/17/99	525	ND	ND	ND	ND	ND	ND	ND
	09/13/99	392	1.28	3.98	ND	1.22	1,380	617	ND
	12/28/99	2,950	ND	ND	ND	ND	963	627	ND
	03/02/00	528	1.2	1.85	ND	0.78	9,100	612	ND
	06/30/00	1,020 b	1.71	1.59	0.544	2.47	1,480	ND	ND

Table 2
Groundwater Analytical Data
TPPH as Gasoline, BTEX Compounds, TEPH as Diesel and Motor Oil, and MtBE

2901 Glascock Street
Oakland, California

Well Number	Date Sampled	TPPH as Gasoline (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	TEPH as Diesel (µg/L)	TEPH as Motor Oil (µg/L)	MTBE (µg/L)
MW-3	10/06/94	NA	ND	ND	ND	ND	320	NA	NA
	01/20/95	86	ND	ND	ND	ND	460	NA	NA
	05/15/95	60	ND	ND	ND	ND	310	NA	NA
	08/28/95	ND	ND	ND	ND	ND	310	NA	NA
	11/29/95	NS	NS	NS	NS	NS	NS	NS	NS
	12/06/95	120	ND	ND	ND	ND	1,000	NA	NA
	01/18/96	NA	NA	NA	NA	NA	210	NA	NA
	03/08/96	67	ND	ND	ND	ND	1,000	NA	7.2
	07/02/96	230 a	ND	ND	ND	ND	640	ND	ND
	12/17/96	240 f	ND	ND	ND	ND	560 e	ND	ND
	03/21/97	760 h	ND	ND	ND	0.94	2,100 e	1900 d	5.6
	05/16/97	NA	NA	NA	NA	NA	NA	NA	NA
	06/25/97	180 h	ND	ND	ND	0.58	610 g	ND	5.3
	09/29/97	84 i	ND	ND	ND	ND	470 g	ND	ND
	12/11/97	ND	ND	ND	ND	ND	380 e	ND	ND
	03/27/98	ND	ND	ND	ND	ND	220 g	ND	ND
	06/26/98	68 b	ND	ND	ND	ND	210 g	ND	ND
	09/11/98	110 l	ND	ND	ND	ND	320 o	ND	ND
	09/11/98	NA	NA	NA	NA	NA	210 g	ND	NA
	12/24/98	ND	ND	ND	ND	ND	220 g	ND	ND
	03/31/99	73 q	ND	ND	ND	ND	680 r	580 r	ND
	06/17/99	72	ND	ND	ND	0.696	325 g	516 d	ND
	09/13/99	80	ND	ND	ND	ND	203	ND	12.7
	12/28/99	331	ND	ND	ND	1.16	314	ND	6.92
	03/02/00	84	ND	ND	ND	ND	1,370	ND	ND
	06/30/00	87.5 b	ND	ND	ND	0.599	95.8	ND	ND
MW-4	10/06/94	NA	ND	ND	ND	ND	ND	NA	NA
	01/20/95	ND	ND	ND	ND	ND	ND	NA	NA
	05/15/95	ND	ND	ND	ND	ND	ND	NA	NA
	08/28/95	ND	ND	ND	ND	ND	ND	NA	NA
	11/29/95	NA	NA	NA	NA	NA	NA	NA	NA
	12/06/95	ND	ND	ND	ND	ND	57	NA	NA
	01/18/96	NA	NA	NA	NA	NA	ND	NA	NA
	03/08/96	ND	ND	ND	ND	ND	100	NA	ND
	07/02/96	ND	ND	ND	ND	ND	ND	ND	ND
	12/17/96	ND	ND	ND	ND	ND	310 g	530 d	ND
	03/21/97	ND	ND	ND	ND	ND	180 g	500 d	ND
	06/25/97	ND	ND	ND	ND	ND	120 g	ND	ND
	09/29/97	ND	ND	ND	ND	ND	130 g	ND	ND
	12/11/97	ND	ND	ND	ND	ND	57 g	ND	ND
	03/27/98	ND	ND	ND	ND	ND	ND	ND	ND
	06/26/98	ND	ND	ND	ND	ND	ND	ND	ND
	09/11/98	ND	ND	ND	ND	ND	ND	ND	ND
	09/11/98	NA	NA	NA	NA	NA	230 g	ND	NA
	12/24/98	ND	ND	ND	ND	ND	65 g	ND	ND
	03/31/99	ND	ND	ND	ND	ND	140 r	ND	ND
	06/17/99	ND	ND	ND	ND	ND	ND	ND	ND
	09/13/99	ND	ND	ND	ND	ND	ND	ND	ND
	12/28/99	ND	ND	ND	ND	ND	ND	ND	4.14
	03/02/00	ND	ND	ND	ND	ND	247	ND	ND
	06/30/00	ND	ND	ND	ND	ND	112 g	ND	ND

Table 2
Groundwater Analytical Data
TPPH as Gasoline, BTEX Compounds, TEPH as Diesel and Motor Oil, and MtBE

2901 Glascock Street
Oakland, California

Well Number	Date Sampled	TPPH as Gasoline (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	TEPH as Diesel (µg/L)	TEPH as Motor Oil (µg/L)	MTBE (µg/L)
MW-5	05/15/95	ND	ND	ND	ND	ND	490	NA	NA
	08/28/95	ND	ND	ND	ND	ND	170	NA	NA
	11/29/95	NS	NS	NS	NS	NS	NS	NS	NS
	12/06/95	ND	ND	ND	ND	ND	250	NA	NA
	01/18/96	NA	NA	NA	NA	NA	49	NA	NA
	03/08/96	ND	ND	ND	ND	ND	210	ND	12
	07/02/96	200. a	ND	ND	ND	ND	110	ND	ND
		-- Well Destroyed in September 1996 --							
MW-6	05/15/95	120	5.6	0.88	ND	2.1	1,100	NA	NA
	08/28/95	140	6.1	0.77	ND	2.3	2,100	NA	NA
	11/29/95	NA	NA	NA	NA	NA	35,000	5,400	NA
	12/06/95	140	4.6	0.89	ND	1.7	38,000	NA	NA
	01/18/96	NA	NA	NA	NA	NA	59,000	NA	NA
	03/08/96	160	3.4	0.57	ND	1.9	14,000	NA	ND
	07/02/96	3,300 a	3.1	ND	ND	ND	2,300	1,300	ND
	12/17/96	150 b	3.4	0.93	ND	1.7	15,000 e	14,000 d	14
	03/21/97	300	3.5	0.91	ND	0.79	18,000 e	17,000 d	19
	05/16/97	NA	NA	NA	NA	NA	NA	NA	NA
	06/25/97	590 h	3.2	ND	ND	ND	9,300 e	7,900 d	15
	09/29/97	490 h	2.6	0.83	ND	1.5	7,900 e	7,900 d	13
	12/11/97	ND	ND	ND	ND	ND	5,600 e	5,100 j	ND
	03/27/98	ND	ND	ND	ND	ND	1,500 e	1,400 d	ND
	06/26/98	290 f	5.3	ND	ND	1.1	9,200 e	6,400 d	11
	09/11/98	660 l	500	ND	ND	ND	4,200 m	ND	6.5
	09/11/98	NA	NA	NA	NA	NA	1,600 g	1,300 d	NA
	12/24/98	ND	ND	ND	ND	ND	1,000 g	690 d	ND
	03/31/99	330 b	4.2	0.83	ND	1.5	22,000 e	16,000 d	ND
	06/17/99	504	4.56	0.863	0.573	1.2	1,460 s	7,090 d	9.85
	09/13/99	192	4.74	1.24	ND	3.64	826	694	6.2
	12/28/99	3690	4.4	ND	ND	ND	527	ND	16.2
	03/02/00	336	4.92	1.18	ND	1.89	1,600	ND	4.75
	06/30/00	8550 b	58.9	73.1	ND	56.7	587 g	ND	ND
MW-7	05/15/95	110	ND	ND	ND	ND	ND	NA	NA
	08/28/95	ND	ND	ND	ND	ND	ND	NA	NA
	11/29/95	NA	NA	NA	NA	NA	NA	NA	NA
	12/06/95	62	ND	ND	ND	ND	ND	NA	NA
	01/18/96	NA	NA	NA	NA	NA	ND	NA	NA
	03/08/96	ND	ND	ND	ND	ND	ND	NA	ND
	07/02/96	ND	ND	ND	ND	ND	ND	ND	580
	12/17/96	ND	ND	ND	ND	ND	120 g	ND	100
	03/21/97	ND	ND	ND	ND	ND	79 g	ND	190
	06/25/97	ND	ND	ND	ND	ND	58 g	ND	580
	09/29/97	ND	ND	ND	ND	ND	ND	ND	310
	12/11/97	ND	ND	ND	ND	ND	ND	ND	ND
	03/27/98	ND	ND	ND	ND	ND	ND	ND	ND
	06/26/98	ND	ND	ND	ND	ND	ND	ND	110
	09/11/98	ND	ND	ND	ND	ND	ND	ND	110
	09/11/98	NA	NA	NA	NA	NA	140 g	ND	NA
	12/24/98	ND	ND	ND	ND	ND	ND	ND	150
	03/31/99	ND	ND	ND	ND	ND	78 r	ND	11
	06/17/99	ND	ND	ND	ND	ND	53.7 g	ND	59.1
	09/13/99	ND	ND	ND	ND	ND	ND	ND	55.3
	12/28/99	ND	ND	ND	ND	ND	ND	ND	67.6
	03/02/00	ND	ND	ND	ND	ND	334	ND	16.1
	06/30/00	ND	ND	ND	ND	ND	95.8	ND	35.8

Incl
TPHg 3700 µg/L

Table 2
Groundwater Analytical Data
TPPH as Gasoline, BTEX Compounds, TEPH as Diesel and Motor Oil, and MtBE

2901 Glascock Street
Oakland, California

Well Number	Date Sampled	TPPH as Gasoline (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	TEPH as Diesel (µg/L)	TEPH as Motor Oil (µg/L)	MTBE (µg/L)
MW-8	11/29/95	NA	NA	NA	NA	NA	NA	NA	NA
	01/18/96	NA	NA	NA	NA	NA	ND	NA	NA
	03/08/96	NS	NS	NS	NS	NS	NS	NS	NS
	07/02/96	ND	0.74	0.88	ND	0.82	ND	ND	ND
	12/17/96	ND	ND	ND	ND	ND	53 g	ND	ND
	03/21/97	ND	ND	ND	ND	ND	ND	ND	ND
	06/25/97	ND	ND	ND	ND	ND	ND	ND	ND
	09/29/97	ND	ND	ND	ND	ND	ND	ND	ND
	12/11/97	270	8.0	1.8	5.7	14	ND	ND	72
	03/27/98	ND	ND	ND	ND	ND	ND	ND	ND
	06/26/98	ND	ND	ND	ND	ND	ND	ND	ND
	09/11/98	ND	ND	ND	ND	ND	ND	ND	ND
	09/11/98	NA	NA	NA	NA	NA	130 g	ND	NA
	12/24/98	ND	ND	ND	ND	ND	ND	ND	ND
	03/31/99	ND	ND	ND	ND	ND	ND	ND	ND
	06/17/99	ND	ND	ND	ND	ND	10,400 g	12,700 d	ND
	09/13/99	ND	ND	ND	ND	ND	ND	ND	ND
	12/28/99	ND	ND	ND	ND	ND	ND	ND	ND
	03/02/00	ND	ND	ND	ND	ND	50.6	ND	ND
	06/30/00	ND	ND	ND	ND	ND	77.5	ND	ND

TPPH = Total purgeable petroleum hydrocarbons
TEPH = Total extractable petroleum hydrocarbons
MtBE = Methyl tert-butyl ether
µg/L = Micrograms per liter
NS = Not sampled
ND = Not detected (see certified analytical reports for detection limits)
NA = Not analyzed

a. Chromatogram pattern is not gasoline, but volatile fraction of diesel quantified as gasoline.
b. Chromatogram pattern is not gasoline, but unidentified hydrocarbons in C6 - C12 range.
c. Chromatogram pattern is a mixture of weathered diesel and unidentified hydrocarbons in C9 - C24 range.
d. Chromatogram pattern is not motor oil, but unidentified hydrocarbons in C16 - C36 range.
e. Chromatogram pattern is weathered diesel in C9 - C24 range.
f. Chromatogram pattern is not gasoline, but unidentified hydrocarbons > C10.
g. Chromatogram pattern is not diesel, but unidentified hydrocarbons in the C9 - C24 range.
h. Chromatogram pattern is weathered gasoline.
i. Chromatogram pattern is not gasoline, but unidentified hydrocarbons in C6 - C8 range.
j. Chromatogram pattern is not motor oil, but unidentified hydrocarbons in the C16 to C34 range.
k. Chromatogram pattern is not gasoline, but unidentified hydrocarbons > C5.
l. Chromatogram pattern is not gasoline, but unidentified hydrocarbons > C12.
m. Chromatogram pattern is a mixture of weathered diesel and unidentified hydrocarbons in the C18 - C40 range.
n. Chromatogram pattern is a mixture of weathered diesel and unidentified hydrocarbons in the C9 - C40 range.
o. Chromatogram pattern is not diesel, but unidentified hydrocarbons in the C9 - C40 range.
p. Chromatogram pattern is a mixture of gasoline and unidentified hydrocarbons > C10.
q. Chromatogram pattern is not gasoline, but unidentified hydrocarbons > C8.
r. Chromatogram pattern is unidentified hydrocarbons in the C9 - C40 range.
s. Chromatogram pattern is a mixture of weathered diesel and unidentified hydrocarbons in the C15 - C24 range.

Table 3
Dissolved Oxygen Field Measurements

– when are the readings taken?

2901 Glascock Street
Oakland, California

Date Sampled	Dissolved Oxygen (mg/L)		
	MW-1	MW-2	MW-6
06/17/1999	1.8	2.2	1.6
09/13/1999	4.6	2	2.2
12/28/1999	8.3	NM (cloudy)	NM (cloudy)
03/02/2000	6.2	5.2	1.8
06/30/2000	6.0	5.4	1.4

NM: Not Measured

Note: Measurements taken in the field using a Hach Accuvac Dissolved Oxygen high range (0-15 mg/l) Cat.No. 25150-50

need to filter in field?

DRAWING NUMBER 805385
APPROVED BY
CHECKED BY
DRAWN BY K. Black 11-8-00

PETERSON STREET

GLASCOCK STREET

APPROXIMATE LIMITS OF BUILDING

OPEN LOT

FORMER TANK

OFFICES

FORMER TANK

RAMP

FORMER SANDBLAST ROOM

OAKLAND ESTUARY

MW-7 (5.56) 95.8 / ND / ND

MW-3 (3.62) 95.8 / ND / ND

MW-2 (3.92) 1,480 / 1.71 /ND

MW-4 (2.80) 112 / ND / ND

MW-1 (2.46) 534 / 3.59 / ND

MW-5

MW-8 (-0.02) 77.5 / ND / ND

MW-6 (-1.23) 587 / 58.9 / ND

5.0

4.0

3.0

2.0

1.0

0.0

(-1.0)

LEGEND

- ⊙ GROUNDWATER MONITORING WELL
- Ø DESTROYED GROUNDWATER MONITORING WELL
- (3.75) GROUNDWATER ELEVATION (FT-MSL); MEASURED 6-30-00
- 1,480 / 1.71 /ND TEPH-d/BENZENE/TEPH-mo CONCENTRATIONS IN GROUNDWATER (PARTS PER BILLION); 6-3-00
- GROUNDWATER ELEVATION CONTOUR (FT-MSL)
- ND NOT DETECTED

APPROXIMATE DIRECTION OF GROUNDWATER FLOW

APPROXIMATE GRADIENT = 0.021

SCALE

0 40 80 FEET

IT CORPORATION

GLASCOCK STREET PROPERTIES

FIGURE 1

GROUNDWATER MONITORING RESULTS SECOND QUARTER 2000

2901 GLASCOCK STREET
OAKLAND, CALIFORNIA

N:\cad\DWG\805385\Gwc.dwg Wed, 08/Nov/00 08:25am kblack

ATTACHMENT A
CERTIFIED ANALYTICAL REPORTS, CHAIN-OF-CUSTODY DOCUMENTATION, AND FIELD DATA SHEETS

FIELD SERVICES REQUEST

SITE INFORMATION FORM

Identification

Project # 805385 0100000
Station ID Former Dorr-Olive Site
Site Address: 2901 Glascock St.
Oakland
Lab: Sequoia
County: Alameda
Project Manager: Diane Sarmiento
Requester: Diane Sarmiento
Client: Glascock Street Properties
Client P.O.C: Dennis Buran
Date of Request: ~~December 1, 1997~~ ~~6/28/2000~~ 6/30/00

Project Type

☐ Operation & Maintenance
☐ Sampling
☐ 1st time visit
☒ Quarterly
~~☒~~ 1st ☒ 2nd ☐ 3rd 4th
☐ Monthly
☐ Semi- Monthly
☐ Weekly
☐ One time event
☐ Other:
Ideal field date: ~~December~~ MAR.

Site Check Appropriate Category

☒ In Budget Visit
☐ Out of Budget Site Visit

Budget Hours: 8
Actual Hours:
Mob de Mob:

Site Safety Concerns

STANDARD

Field Tasks General Description

Quarterly M&S, Months 3,6,9,12

1. Contact Gary or Bill @ ICONCO, 303 Derby Ave. @ Glascock, (510) 261-1900 to arrange for site access.
2. Take groundwater DTW (TOC) measurements for Wells MW-1 through MW-4, MW-6 through MW-8.
3. Collect groundwater samples from Wells MW-1 through MW-4, MW-6 through MW-8. Take dissolved oxygen (DO) readings from MW-1-4 and MW-6 through 8 (all wells). Request analysis for the following on normal TAT want verbal/fax results 5 days from submittal.:

   Quarterly, all wells TPPH-g, TEPH-d*, TEPH-mo*, BTEX, MtBE

   * Request on COC "Fuel Fingerprint as diesel and motor oil with silica gel clean-up"
4. Ideal sampling order: MW-4, MW-7, MW-8, MW-3, MW-6, MW-1, MW-2
5. Purge water to be disposed of at Seaport, Redwood City.

Comments, remarks from field staff

Completed By: DM Date: ~~6/28/00~~ 6-30-00

Pacific Environmental Group, Inc.

FIELD REPORT

DEPTH TO WATER/SEPARATE-PHASE HYDROCARBON SURVEY

PROJECT No.: 805385 LOCATION: 2901 GLASCOCK DATE: 6.30.00

CLIENT/STATION NO: TOR OLIVER SITE FIELD TECHNICIAN: PEDRO E. RUIZ DAY OF WEEK: FRI

PROBE TYPE/ID No.
- ☐ Oil/Water IF/ _____
- ☐ H_2O level indicator _____
- ☐ Other: _____

Dtw Order	Well ID	Time	Surface Seal	Lid Secure	Gasket	Lock	Expanding Cap	Total Depth (feet)	First Depth to Water (feet) TOB/TOC	Second Depth to Water (feet) TOB/TOC	SERARATE-PHASE HYDROCARBONS (SPH) SPH Depth (feet) TOB/TOC	SPH Thickness (feet)	COLOR: Fresh	Weathered	Gas	Oil	VISCOSITY: Lite	Medium	Heavy	LIQUID REMOVED (gallons) SPH / H_2O
	MW1		✓	✓	✓	✓	✓	19.72	8.30 / 8.30	8.50 / 8.50										/
	MW2		✓	✓	✓	✓	✓	19.65	6.71 / 6.71	7.05 / 7.05										/
	MW3		✓	✓	✓	✓	✓	19.70	6.05 / 6.05	6.61 / 6.61										/
	MW4		✓	✓	✓	✓	✓	19.60	7.84 / 7.84	8.02 / 8.02										/
	MW6		✓	✓	✓	✓	✓	18.55	11.51 / 11.51	12.16 / 12.16										/
	MW7		✓	✓	✓	✓	✓	17.65	4.30 / 4.30	4.71 / 4.71										/
	MW8		✓	✓	✓	✓	✓	16.70	10.63 / 10.63	11.17 / 11.17										/
									/	/										/
									/	/										/

Comments: MW. 1, 2, 6 ORC'S ON WELLS

WATER SAMPLE FIELD DATA SHEET

PROJECT No.: 805385 LOCATION: 2901 Glascock St Oakland WELL ID #: MW1

CLIENT/STATION No.: For. Dor. Oliver Site FIELD TECHNICIAN: Pedro E. Ruiz

WELL INFORMATION

Depth to Liquid: _____ TOB _____ TOC
Depth to water: _____ TOB _____ TOC
Total depth: _____ TOB _____ TOC
Date: _____ Time (2400): _____

Probe Type and I.D. #
- ☐ Oil/Water interface _____
- ☐ Electronic indicator _____
- ☐ Other: _____

CASING DIAMETER		GAL/ LINEAR FT.
☒	2	0.17
☐	3	0.38
☐	4	0.66
☐	4.5	0.83
☐	5	1.02
☐	6	1.5
☐	8	2.6

SAMPLE TYPE
- ☒ Groundwater
- ☐ Duplicate
- ☐ Extraction well
- ☐ Trip blank
- ☐ Field blank
- ☐ Equipment blank
- ☐ Other: _____

TD 19.72 - DTW 8.30 = 11.42 x Gal/Linear Foot .17 = 1.94 x Number of Casings 3 = Calculated Purge 5.82

DATE PURGED 6.30.00 START: 9:36 END (2400 hr): — PURGED BY: PE

DATE SAMPLED 6.30.00 START: 9:50 END (2400 hr): — SAMPLED BY: PE

TIME (2400 hr)	VOLUME (gal.)	pH (units)	E.C. (umhos/cm @ 25°C)	TEMPERATURE (° F)	COLOR	TURBIDITY	ODOR
9:39	2	7.56	1450	60.6	Cloudy	Mod	Mod
9:42	4	7.46	1440	60.7	Cloudy	Mod	Mod
9:46	6	7.39	1440	60.8	Cloudy	Mod	Mod

Color: Cobalt 0-100, Clear, Cloudy, Yellow, Brown
Turbidity: NTU 0-200, Heavy, Moderate, Light, Trace
Odor: Strong, Moderate, Faint, None

Pumped dry Yes (No)

FIELD MEASUREMENTS AT TIME OF SAMPLE, AFTER RECHARGE:

DTW: _____ TOB/TOC _____

PURGING EQUIPMENT/I.D.

- ☒ Bailer: _____
- ☐ Airlift Pump: _____
- ☐ Centrifugal Pump: _____
- ☐ Dedicated: _____
- ☐ Other: _____

SAMPLING EQUIPMENT/I.D.

- ☒ Bailer: 15-11
- ☐ Dedicated: _____
- ☐ Other: _____

SAMP. CNTRL #	DATE	TIME (2400)	No. of Cont.	SIZE	CONTAINER	PRESERVE	ANALYTICAL PARAMETER
MW1	6.30.00	9:50	3	40ml	VOA	HCL	TPH-GBTEX-MTBE
			2	1L	Amb	NP	TPH-D TPH-MO

REMARKS: DO: 60 Spotty Sheen on water

SIGNATURE: _____

PACIFIC ENVIRONMENTAL GROUP INC.

FIELD DATA SHEET

WATER SAMPLE FIELD DATA SHEET

PROJECT No.: 805385 LOCATION: 2901 Glascock st Oakland WELL ID #: MW2

CLIENT/STATION No.: For. Doroliver Site FIELD TECHNICIAN: Pedro E. Roiz

WELL INFORMATION

Depth to Liquid: _____ TOB _____ TOC

Depth to water: _____ TOB _____ TOC

Total depth: _____ TOB _____ TOC

Date: _____ Time (2400): _____

Probe Type and I.D. #
- ☐ Oil/Water interface _____
- ☐ Electronic indicator _____
- ☐ Other; _____

CASING DIAMETER		GAL/ LINEAR FT.
☒	2	0.17
☐	3	0.38
☐	4	0.66
☐	4.5	0.83
☐	5	1.02
☐	6	1.5
☐	8	2.6

SAMPLE TYPE
- ☒ Groundwater
- ☐ Duplicate
- ☐ Extraction well
- ☐ Trip blank
- ☐ Field blank
- ☐ Equipment blank
- ☐ Other; _____

TD 12.65 - DTW 6.71 = 12.94 x Gal/Linear Foot .17 = 2.19 x Number of Casings 3 = Calculated Purge 6.59

DATE PURGED 6.30.00 START: 9:58 END (2400 hr): — PURGED BY: PE

DATE SAMPLED 6.30.00 START: 10:10 END (2400 hr): — SAMPLED BY: PE

TIME (2400 hr)	VOLUME (gal.)	pH (units)	E.C. (umhos/cm @ 25°C)	TEMPERATURE (°F)	COLOR	TURBIDITY	ODOR
10:01	2	7.43	1980	60.8	Cloudy	Mod	Mod
10:09	4	7.33	1980	61.0	Cloudy	Mod	Mod
10:07	6	7.08	1970	61.1	Cloudy	Mod	Mod

Color: Cobalt 0-100, Clear, Cloudy, Yellow, Brown

Turbidity: NTU 0-200, Heavy, Moderate, Light, Trace

Odor: Strong, Moderate, Faint, None

Pumped dry Yes / No

FIELD MEASUREMENTS AT TIME OF SAMPLE, AFTER RECHARGE:

DTW: _____ TOB/TOC _____

PURGING EQUIPMENT/I.D. #
- ☒ Bailer: _____
- ☐ Airlift Pump: _____
- ☐ Centrifugal Pump: _____
- ☐ Dedicated: _____
- ☐ Other: _____

SAMPLING EQUIPMENT/I.D. #
- ☒ Bailer: 15-13
- ☐ Dedicated: _____
- ☐ Other: _____

SAMP. CNTRL #	DATE	TIME (2400)	No. of Cont.	SIZE	CONTAINER	PRESERVE	ANALYTICAL PARAMETER
MW2	6.30.00	10:10	3	40ml	VOA	HCL	TPH-GBTEX-MTBE
			2	1L	Amb	NP	TPH-D TPH-MO

REMARKS: DO: 6.4 Spotty Sheen on water

SIGNATURE: _____

PACIFIC ENVIRONMENTAL GROUP INC.

FIELD DATA SHEET

WATER SAMPLE FIELD DATA SHEET

PROJECT No.: 805385 LOCATION: 2901 Glascock st OAKLAND WELL ID #: MW3

CLIENT/STATION No.: For. Doroliver Site FIELD TECHNICIAN: Pedro E. Roiz

WELL INFORMATION

Depth to Liquid: _____ TOB _____ TOC
Depth to water: _____ TOB _____ TOC
Total depth: _____ TOB _____ TOC
Date: _____ Time (2400): _____

Probe Type and I.D. #
- ☐ Oil/Water interface _____
- ☐ Electronic indicator _____
- ☐ Other; _____

CASING DIAMETER		GAL/ LINEAR FT.
☒	2	0.17
☐	3	0.38
☐	4	0.66
☐	4.5	0.83
☐	5	1.02
☐	6	1.5
☐	8	2.6

SAMPLE TYPE
- ☒ Groundwater
- ☐ Duplicate
- ☐ Extraction well
- ☐ Trip blank
- ☐ Field blank
- ☐ Equipment blank
- ☐ Other; _____

TD 19.70 - DTW 6.25 = 13.45 x Gal/Linear Foot .17 = 2.28 x Number of Casings 3 = Calculated Purge 6.85

DATE PURGED 6.30.00 START: 8:08 END (2400 hr): — PURGED BY: PE

DATE SAMPLED 6.30.00 START: 8:20 END (2400 hr): — SAMPLED BY: PE

TIME (2400 hr)	VOLUME (gal.)	pH (units)	E.C. (µmhos/cm @ 25°C)	TEMPERATURE (° F)	COLOR	TURBIDITY	ODOR
8:11	2.25	7.36	1510	60.0	Clear	Mod	Faint
8:14	4.5	7.21	1510	59.9	Clear	Mod	Faint
8:17	6.75	7.13	1520	60.8	Clear	Mod	Faint

Color: Cobalt 0-100, Clear, Cloudy, Yellow, Brown
Turbidity: NTU 0-200, Heavy, Moderate, Light, Trace
Odor: Strong, Moderate, Faint, None

Pumped dry Yes (No)

FIELD MEASUREMENTS AT TIME OF SAMPLE, AFTER RECHARGE:

DTW: _____ TOB/TOC _____

PURGING EQUIPMENT/I.D. #
- ☒ Bailer: _____
- ☐ Airlift Pump: _____
- ☐ Centrifugal Pump: _____
- ☐ Dedicated: _____
- ☐ Other: _____

SAMPLING EQUIPMENT/I.D. #
- ☒ Bailer: 15-4
- ☐ Dedicated: _____
- ☐ Other: _____

SAMP. CNTRL #	DATE	TIME (2400)	No. of Cont.	SIZE	CONTAINER	PRESERVE	ANALYTICAL PARAMETER
MW3	6.30.00	8:20	3	40ml	VOA	HCL	TPH-GBTEX-MTBE
			2	1L	Amb	NP	TPH-D TPH-MO

REMARKS: DO: 1.60

SIGNATURE: _____

PACIFIC ENVIRONMENTAL GROUP INC.

FIELD DATA SHEET

WATER SAMPLE FIELD DATA SHEET

PROJECT No.: 805385 LOCATION: 2901 Glascock st OAKLAND WELL ID #: MW4

CLIENT/STATION No.: For. Dor-oliver Site FIELD TECHNICIAN: Pedro E. Ruiz

WELL INFORMATION

Depth to Liquid: _____ TOB _____ TOC
Depth to water: _____ TOB _____ TOC
Total depth: _____ TOB _____ TOC
Date: _____ Time (2400): _____

Probe Type and I.D. #
- ☐ Oil/Water interface _____
- ☐ Electronic indicator _____
- ☐ Other; _____

CASING DIAMETER		GAL/ LINEAR FT.
☒	2	0.17
☐	3	0.38
☐	4	0.66
☐	4.5	0.83
☐	5	1.02
☐	6	1.5
☐	8	2.6

SAMPLE TYPE
- ☒ Groundwater
- ☐ Duplicate
- ☐ Extraction well
- ☐ Trip blank
- ☐ Field blank
- ☐ Equipment blank
- ☐ Other; _____

TD 19.60 DTW 7.89 = 11.76 x Gal/Linear Foot .17 = 1.99 x Number of Casings 3 = Calculated Purge 5.99

DATE PURGED 6.30.00 START: 8:31 END (2400 hr): — PURGED BY: PE

DATE SAMPLED 6.30.00 START: 8:45 END (2400 hr): — SAMPLED BY: PE

TIME (2400 hr)	VOLUME (gal.)	pH (units)	E.C. (µmhos/cm @ 25°C)	TEMPERATURE (° F)	COLOR	TURBIDITY	ODOR
8:34	2	7.70	880	59.7	CLEAR	Light	NONE
8:37	4	7.55	8.79	59.9	CLEAR	Light	NONE
8:40	6	7.46	8.80	60.5	CLEAR	Light	NONE

Cobalt 0-100: Clear, Cloudy, Yellow, Brown
NTU 0-200: Heavy, Moderate, Light, Trace
Strong, Moderate, Faint, None

Pumped dry Yes / No

FIELD MEASUREMENTS AT TIME OF SAMPLE, AFTER RECHARGE:

DTW: _____ TOB/TOC _____

PURGING EQUIPMENT/I.D. #
- ☒ Bailer: _____
- ☐ Airlift Pump: _____
- ☐ Centrifugal Pump: _____
- ☐ Dedicated: _____
- ☐ Other: _____

SAMPLING EQUIPMENT/I.D. #
- ☒ Bailer: 150
- ☐ Dedicated: _____
- ☐ Other: _____

SAMP. CNTRL #	DATE	TIME (2400)	No. of Cont.	SIZE	CONTAINER	PRESERVE	ANALYTICAL PARAMETER
MW4	6.30.00	8:45	3	40ml	VOA	HCL	TPH-G BTEX MTBE
			2	1L	Amb	NP	TPH-D TPH-MO

REMARKS: DO: 0.

SIGNATURE: _____

PACIFIC ENVIRONMENTAL GROUP INC.

FIELD DATA SHEET

WATER SAMPLE FIELD DATA SHEET

PROJECT No.: 805385 LOCATION: 2901 Glascock st OAKLAND WELL ID #: MWB

CLIENT/STATION No.: For. Doroliver Site FIELD TECHNICIAN: Pedro E. Ruiz

WELL INFORMATION

Depth to Liquid: _____ TOB _____ TOC
Depth to water: _____ TOB _____ TOC
Total depth: _____ TOB _____ TOC
Date: _____ Time (2400): _____

Probe Type and I.D. #
- ☐ Oil/Water interface _____
- ☐ Electronic indicator _____
- ☐ Other; _____

CASING DIAMETER		GAL/ LINEAR FT.
☒	2	0.17
☐	3	0.38
☐	4	0.66
☐	4.5	0.83
☐	5	1.02
☐	6	1.5
☐	8	2.6

SAMPLE TYPE
- ☒ Groundwater
- ☐ Duplicate
- ☐ Extraction well
- ☐ Trip blank
- ☐ Field blank
- ☐ Equipment blank
- ☐ Other; _____

TD 18.66 DTW 11.51 = 7.04 x Gal/Linear Foot .17 = 1.19 x Number of Casings 3 = Calculated Purge 3.57

DATE PURGED 6.30.00 START: 9:11 END (2400 hr): — PURGED BY: PE

DATE SAMPLED 6.30.00 START: 9:25 END (2400 hr): — SAMPLED BY: PE

TIME (2400 hr)	VOLUME (gal.)	pH (units)	E.C. (µmhos/cm @ 25°C)	TEMPERATURE (°F)	COLOR	TURBIDITY	ODOR
9:17	1	7.50	1830	59.1	Cloudy	Mod	Heavy
9:20	2	7.41	1780	59.4	Cloudy	Mod	Heavy
9:23	3	7.34	1770	59.5	Cloudy	Mod	Heavy

Cobalt 0-100, Clear, Cloudy, Yellow, Brown | NTU 0-200, Heavy, Moderate, Light, Trace | Strong, Moderate, Faint, None

Pumped dry Yes / ~~No~~

FIELD MEASUREMENTS AT TIME OF SAMPLE, AFTER RECHARGE:

DTW: _____ TOB/TOC _____

PURGING EQUIPMENT/I.D. #
- ☒ Bailer: _____
- ☐ Airlift Pump: _____
- ☐ Centrifugal Pump: _____
- ☐ Dedicated: _____
- ☐ Other: _____

SAMPLING EQUIPMENT/I.D. #
- ☒ Bailer: 15-10
- ☐ Dedicated: _____
- ☐ Other: _____

SAMP. CNTRL #	DATE	TIME (2400)	No. of Cont.	SIZE	CONTAINER	PRESERVE	ANALYTICAL PARAMETER
MWB	6.30.00	9:25	3	40ml	VOA	HCL	TPH-GBTEX-MTBE
			2	1L	Amb	NP	TPH-D TPH-MO

REMARKS: DO: 1.4 Heavy sooty sheen on top of H2O

SIGNATURE: _____

PACIFIC ENVIRONMENTAL GROUP INC.

FIELD DATA SHEET

WATER SAMPLE FIELD DATA SHEET

PROJECT No.: 805385 LOCATION: 2901 Glascock st Oakland WELL ID #: MW 7

CLIENT/STATION No.: For. Doroliver Site FIELD TECHNICIAN: Pedro E. Ruiz

WELL INFORMATION

Depth to Liquid: _____ TOB _____ TOC
Depth to water: _____ TOB _____ TOC
Total depth: _____ TOB _____ TOC
Date: _____ Time (2400): _____

Probe Type and I.D. #
- ☐ Oil/Water interface _____
- ☐ Electronic indicator _____
- ☐ Other; _____

CASING DIAMETER		GAL/ LINEAR FT.
☒	2	0.17
☐	3	0.38
☐	4	0.66
☐	4.5	0.83
☐	5	1.02
☐	6	1.5
☐	8	2.6

SAMPLE TYPE
- ☒ Groundwater
- ☐ Duplicate
- ☐ Extraction well
- ☐ Trip blank
- ☐ Field blank
- ☐ Equipment blank
- ☐ Other; _____

TD 17.66 DTW 4.30 = 13.35 x Gal/Linear Foot .17 = 2.26 x Number of Casings 3 = Calculated Purge 6.80

DATE PURGED 6.30.00 START: 7.45 END (2400 hr): — PURGED BY: PE

DATE SAMPLED 6.30.00 START: 8:00 END (2400 hr): — SAMPLED BY: PE

TIME (2400 hr)	VOLUME (gal.)	pH (units)	E.C. (µmhos/cm @ 25°C)	TEMPERATURE (° F)	COLOR	TURBIDITY	ODOR
7.48	2.25	7.71	1530	62.3	Clear	Light	None
7.51	4.5	7.58	1530	60.7	Clear	Light	None
7.54	6.75	7.46	1530	63.1	Clear	Light	None

Cobalt 0-100: Clear, Cloudy, Yellow, Brown
NTU 0-200: Heavy, Moderate, Light, Trace
Strong, Moderate, Faint, None

Pumped dry Yes / (No)

FIELD MEASUREMENTS AT TIME OF SAMPLE, AFTER RECHARGE:

DTW: _____ TOB/TOC _____

PURGING EQUIPMENT/I.D. #
- ☒ Bailer: _____
- ☐ Airlift Pump: _____
- ☐ Centrifugal Pump: _____
- ☐ Dedicated: _____
- ☐ Other: _____

SAMPLING EQUIPMENT/I.D. #
- ☒ Bailer: 15-1
- ☐ Dedicated: _____
- ☐ Other: _____

SAMP. CNTRL #	DATE	TIME (2400)	No. of Cont.	SIZE	CONTAINER	PRESERVE	ANALYTICAL PARAMETER
MW7	6.30.00	8:00	3	40ml	VOA	HCL	TPH-G BTEX MTBE
			2	1L	Amb	NP	TPH-D TPH-MO

REMARKS: DO: 5.0

SIGNATURE: _____

PACIFIC ENVIRONMENTAL GROUP INC.

FIELD DATA SHEET

WATER SAMPLE FIELD DATA SHEET

PROJECT No.: 805385 LOCATION: 2901 Glascock st OAKLAND WELL ID #: MW 8

CLIENT/STATION No.: Far. Dor. Oliver Site FIELD TECHNICIAN: Pedro E. Ruiz

WELL INFORMATION

Depth to Liquid: _____ TOB _____ TOC
Depth to water: _____ TOB _____ TOC
Total depth: _____ TOB _____ TOC
Date: _____ Time (2400): _____

Probe Type and I.D. #
- ☐ Oil/Water interface _____
- ☐ Electronic indicator _____
- ☐ Other; _____

CASING DIAMETER		GAL/ LINEAR FT.
☒	2	0.17
☐	3	0.38
☐	4	0.66
☐	4.5	0.83
☐	5	1.02
☐	6	1.5
☐	8	2.6

SAMPLE TYPE
- ☒ Groundwater
- ☐ Duplicate
- ☐ Extraction well
- ☐ Trip blank
- ☐ Field blank
- ☐ Equipment blank
- ☐ Other; _____

TD 16.70 DTW 10.03 = 6.67 x Gal/Linear Foot .17 = 1.03 x Number of Casings 3 = Calculated Purge 3.09

DATE PURGED 6-30-00 START: 8:52 END (2400 hr): — PURGED BY: PE

DATE SAMPLED 6-30-00 START: 9:05 END (2400 hr): — SAMPLED BY: PE

TIME (2400 hr)	VOLUME (gal.)	pH (units)	E.C. (µmhos/cm @ 25°C)	TEMPERATURE (° F)	COLOR	TURBIDITY	ODOR
8:54	1	7.40	3610	59.7	Cloudy	Mod	None
8:56	2	7.36	3640	59.9	Cloudy	Mod	None
8:59	3	7.35	3660	60.2	Cloudy	Mod	None

Cobalt 0-100, Clear, Cloudy, Yellow, Brown | NTU 0-200, Heavy, Moderate, Light, Trace | Strong, Moderate, Faint, None

Pumped dry Yes / (No)

FIELD MEASUREMENTS AT TIME OF SAMPLE, AFTER RECHARGE:

DTW: _____ TOB/TOC _____

PURGING EQUIPMENT/I.D. #
- ☒ Bailer: _____
- ☐ Airlift Pump: _____
- ☐ Centrifugal Pump: _____
- ☐ Dedicated: _____
- ☐ Other: _____

SAMPLING EQUIPMENT/I.D. #
- ☒ Bailer: 15-7
- ☐ Dedicated: _____
- ☐ Other: _____

SAMP. CNTRL #	DATE	TIME (2400)	No. of Cont.	SIZE	CONTAINER	PRESERVE	ANALYTICAL PARAMETER
MW8	6-30-00	9:05	3	40ml	VOA	HCL	TPH-GBTEX-MTBE
			2	1L	Amb	NP	TPH-D TPH-MO

REMARKS: DO: 4.2

SIGNATURE: _____

PACIFIC ENVIRONMENTAL GROUP, INC.

Chain of Custody

PROJECT No. 805 385

Pacific Environmental Group, Inc.
1921 RINGWOOD AV. San Jose CA 95131
Phone 408 453 7300 Fax 408 4379526

Facility No: FORMER DORR-OLIVE SITE Facility Address: 2901 GLASCOCK ST. OAKLAND

Billing Refence Number:

CLIENT engineer: GLASCOCK PROP. DENIS BURAN Point of Contact: Kurt WENEBURGER Sampler: PEDRO E.

Laboratory Name: SEQUOIA

Sample I.D.	Cont. No.	Container Size (ml)	Sample Preserv.	Matrix (W=water, S=soil, A=air)	Type (G=grab, D=disc., C=comp.)	Sampling Date	Sampling Time	BTEX/ VPHgas (8015/ 8020)	TPH Diesel (8015)	Oil and Grease (5520)	Total Dislvd. Metals	VOC (EPA 624/ 8240)	SVOC (EPA 627/ 8270)	HVOC (EPA 601/ 8010)	
MW-1	5	40/1L	HCl/NP	W	G	6/30/00	9:50	X							X FUEL FINGERPRINT AS DIESEL & MOTOR OIL
MW-2							10:10								
MW-3							8:20								
MW-4							8:45								
MW-6							9:25								
MW-7							8:00								
MW-8							9:05								

MTBE

Comments:

* TAT WANT VERBAL FAX RESULTS 5 DAY FROM SUBMITTAL.

FUEL FINGERPRINT AS DIESEL & MOTOR OIL W/ FILTRATION BY 0.7 MICRON TCLP FOLLOWED BY SILICAGEL CLEANUP OF EXTRACT BY EPA METOD 3630 WITHOUT SOLVENT EXCHANGE

Condition of Sample:

Temperature Received:

Relinquished by	Date	Time	Received by	Date	Time
	6/30/00	1500			
Relinquished by	Date	Time	Received by	Date	Time
Relinquished by	Date	Time	Received by	Date	Time
Relinquished by	Date	Time	Received by laboratory	Date	Time

Mail original Analytical Report to:

Pacific Environmental Group
1921 RINGWOOD AV.
San Jose, CA 95131

- [ ] Priority Rush (1 day)
- [ ] Rush (2 days)
- [ ] Expedited (5 days)
- [x] Standard (10 days)
- [ ] As Contracted

Sequoia Analytical

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
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www.sequoialabs.com

JUL 1 8 2000

July 14, 2000

Kurt Lueneburger
Pacific Environmental Group/ IT
1921 Ringwood Avenue
San Jose, CA 95131

RE: Dor Oliver / MJG0013

Dear Kurt Lueneburger

Enclosed are the results of analyses for sample(s) received by the laboratory on July 3, 2000. If you have any questions concerning this report, please feel free to contact me.

Please note this report was re-issued on 07/14/00 to revise the Diesel results provided earlier.

Sincerely,

Ron Chew
Project Manager

CA ELAP Certificate Number 1210

Sequoia Analytical

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Pacific Environmental Group/ IT	Project:	Dor Oliver	Sampled: 6/30/00
1921 Ringwood Avenue	Project Number:	2901 Glascock St., Oakland, CA	Received: 7/3/00
San Jose, CA 95131	Project Manager:	Kurt Lueneburger	Reported: 7/14/00 17:38

ANALYTICAL REPORT FOR SAMPLES:

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
MW-1	MJG0013-01	Water	6/30/00
MW-2	MJG0013-02	Water	6/30/00
MW-3	MJG0013-03	Water	6/30/00
MW-4	MJG0013-04	Water	6/30/00
MW-6	MJG0013-05	Water	6/30/00
MW-7	MJG0013-06	Water	6/30/00
MW-8	MJG0013-07	Water	6/30/00

Sequoia Analytical - Morgan Hill

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

Ron Chew, Project Manager

Sequoia Analytical

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308
www.sequoialabs.com

Pacific Environmental Group/ IT	Project:	Dor Oliver	Sampled: 6/30/00
1921 Ringwood Avenue	Project Number:	2901 Glascock St., Oakland, CA	Received: 7/3/00
San Jose, CA 95131	Project Manager:	Kurt Lueneburger	Reported: 7/14/00 17:38

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT
Sequoia Analytical - Morgan Hill

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
MW-1			**MJG0013-01**				**Water**	
Purgeable Hydrocarbons	0G10005	7/10/00	7/11/00	DHS LUFT	50.0	**920**	ug/l	P-03
Benzene	"	"	"	DHS LUFT	0.500	**3.59**	"	
Toluene	"	"	"	DHS LUFT	0.500	**1.59**	"	
Ethylbenzene	"	"	"	DHS LUFT	0.500	**0.635**	"	
Xylenes (total)	"	"	"	DHS LUFT	0.500	**2.92**	"	
Methyl tert-butyl ether	"	"	"	DHS LUFT	2.50	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70-130*		*103*	%	
MW-2			**MJG0013-02**				**Water**	
Purgeable Hydrocarbons	0G10005	7/10/00	7/11/00	DHS LUFT	50.0	**1020**	ug/l	P-03
Benzene	"	"	"	DHS LUFT	0.500	**1.71**	"	
Toluene	"	"	"	DHS LUFT	0.500	**1.59**	"	
Ethylbenzene	"	"	"	DHS LUFT	0.500	**0.544**	"	
Xylenes (total)	"	"	"	DHS LUFT	0.500	**2.47**	"	
Methyl tert-butyl ether	"	"	"	DHS LUFT	2.50	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70-130*		*71.8*	%	
MW-3			**MJG0013-03**				**Water**	
Purgeable Hydrocarbons	0G07001	7/7/00	7/7/00	DHS LUFT	50.0	**87.5**	ug/l	P-03
Benzene	"	"	"	DHS LUFT	0.500	ND	"	
Toluene	"	"	"	DHS LUFT	0.500	ND	"	
Ethylbenzene	"	"	"	DHS LUFT	0.500	ND	"	
Xylenes (total)	"	"	"	DHS LUFT	0.500	**0.599**	"	
Methyl tert-butyl ether	"	"	"	DHS LUFT	2.50	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70-130*		*102*	%	
MW-4			**MJG0013-04**				**Water**	
Purgeable Hydrocarbons	0G07005	7/6/00	7/6/00	DHS LUFT	50.0	ND	ug/l	
Benzene	"	"	"	DHS LUFT	0.500	ND	"	
Toluene	"	"	"	DHS LUFT	0.500	ND	"	
Ethylbenzene	"	"	"	DHS LUFT	0.500	ND	"	
Xylenes (total)	"	"	"	DHS LUFT	0.500	ND	"	
Methyl tert-butyl ether	"	"	"	DHS LUFT	2.50	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70-130*		*83.3*	%	
MW-6			**MJG0013-05**				**Water**	
Purgeable Hydrocarbons	0G10005	7/10/00	7/11/00	DHS LUFT	2000	**8550**	ug/l	P-03
Benzene	"	"	"	DHS LUFT	20.0	**58.9**	"	

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Pacific Environmental Group/ IT	Project:	Dor Oliver	Sampled: 6/30/00
1921 Ringwood Avenue	Project Number:	2901 Glascock St., Oakland, CA	Received: 7/3/00
San Jose, CA 95131	Project Manager:	Kurt Lueneburger	Reported: 7/14/00 17:38

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT
Sequoia Analytical - Morgan Hill

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
MW-6 (continued)			**MJG0013-05**				**Water**	
Toluene	0G10005	7/10/00	7/11/00	DHS LUFT	20.0	**73.1**	ug/l	
Ethylbenzene	"	"	"	DHS LUFT	20.0	ND	"	
Xylenes (total)	"	"	"	DHS LUFT	20.0	**56.7**	"	
Methyl tert-butyl ether	"	"	"	DHS LUFT	100	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70-130*		*108*	%	
MW-7			**MJG0013-06**				**Water**	
Purgeable Hydrocarbons	0G07005	7/6/00	7/6/00	DHS LUFT	50.0	ND	ug/l	
Benzene	"	"	"	DHS LUFT	0.500	ND	"	
Toluene	"	"	"	DHS LUFT	0.500	ND	"	
Ethylbenzene	"	"	"	DHS LUFT	0.500	ND	"	
Xylenes (total)	"	"	"	DHS LUFT	0.500	ND	"	
Methyl tert-butyl ether	"	"	"	DHS LUFT	2.50	**35.8**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70-130*		*87.7*	%	
MW-8			**MJG0013-07**				**Water**	
Purgeable Hydrocarbons	0G07005	7/6/00	7/6/00	DHS LUFT	50.0	ND	ug/l	
Benzene	"	"	"	DHS LUFT	0.500	ND	"	
Toluene	"	"	"	DHS LUFT	0.500	ND	"	
Ethylbenzene	"	"	"	DHS LUFT	0.500	ND	"	
Xylenes (total)	"	"	"	DHS LUFT	0.500	ND	"	
Methyl tert-butyl ether	"	"	"	DHS LUFT	2.50	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70-130*		*85.5*	%	

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Pacific Environmental Group/ IT	Project:	Dor Oliver	Sampled: 6/30/00
1921 Ringwood Avenue	Project Number:	2901 Glascock St., Oakland, CA	Received: 7/3/00
San Jose, CA 95131	Project Manager:	Kurt Lueneburger	Reported: 7/14/00 17:38

Diesel Hydrocarbons (C9-C24) by DHS LUFT
Sequoia Analytical - Morgan Hill

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
MW-1			**MJG0013-01**				**Water**	
Diesel Range Hydrocarbons	0G10022	7/10/00	7/11/00	DHS LUFT	0.0500	**0.534**	mg/l	D-15
Motor Oil (C16-C36)	"	"	"	DHS LUFT	0.500	ND	"	D-19
Surrogate: n-Pentacosane	"	"	"	*50-150*		*108*	%	
MW-2			**MJG0013-02**				**Water**	
Diesel Range Hydrocarbons	0G10022	7/10/00	7/11/00	DHS LUFT	0.0500	**1.48**	mg/l	D-13
Motor Oil (C16-C36)	"	"	"	DHS LUFT	0.500	ND	"	D-19
Surrogate: n-Pentacosane	"	"	"	*50-150*		*99.0*	%	
MW-3			**MJG0013-03**				**Water**	
Diesel Range Hydrocarbons	0G10022	7/10/00	7/11/00	DHS LUFT	0.0500	**0.0958**	mg/l	
Motor Oil (C16-C36)	"	"	"	DHS LUFT	0.500	ND	"	D-19
Surrogate: n-Pentacosane	"	"	"	*50-150*		*95.5*	%	
MW-4			**MJG0013-04**				**Water**	
Diesel Range Hydrocarbons	0G10022	7/10/00	7/11/00	DHS LUFT	0.0500	**0.112**	mg/l	D-15
Motor Oil (C16-C36)	"	"	"	DHS LUFT	0.500	ND	"	D-19
Surrogate: n-Pentacosane	"	"	"	*50-150*		*109*	%	
MW-6			**MJG0013-05**				**Water**	
Diesel Range Hydrocarbons	0G10022	7/10/00	7/11/00	DHS LUFT	0.0500	**0.587**	mg/l	D-15
Motor Oil (C16-C36)	"	"	"	DHS LUFT	0.500	ND	"	D-19
Surrogate: n-Pentacosane	"	"	"	*50-150*		*97.0*	%	
MW-7			**MJG0013-06**				**Water**	
Diesel Range Hydrocarbons	0G10022	7/10/00	7/11/00	DHS LUFT	0.0500	**0.0958**	mg/l	
Motor Oil (C16-C36)	"	"	"	DHS LUFT	0.500	ND	"	D-19
Surrogate: n-Pentacosane	"	"	"	*50-150*		*97.5*	%	
MW-8			**MJG0013-07**				**Water**	
Diesel Range Hydrocarbons	0G10022	7/10/00	7/11/00	DHS LUFT	0.0500	**0.0775**	mg/l	
Motor Oil (C16-C36)	"	"	"	DHS LUFT	0.500	ND	"	D-19
Surrogate: n-Pentacosane	"	"	"	*50-150*		*99.5*	%	

Sequoia Analytical

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Pacific Environmental Group/ IT	Project:	Dor Oliver	Sampled: 6/30/00
1921 Ringwood Avenue	Project Number:	2901 Glascock St., Oakland, CA	Received: 7/3/00
San Jose, CA 95131	Project Manager:	Kurt Lueneburger	Reported: 7/14/00 17:38

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT/Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0G07001	**Date Prepared: 7/7/00**					**Extraction Method: EPA 5030B [P/T]**				
Blank	**0G07001-BLK1**									
Purgeable Hydrocarbons	7/7/00			**ND**	ug/l	**50.0**				
Benzene	"			**ND**	"	**0.500**				
Toluene	"			**ND**	"	**0.500**				
Ethylbenzene	"			**ND**	"	**0.500**				
Xylenes (total)	"			**ND**	"	**0.500**				
Methyl tert-butyl ether	"			**ND**	"	**2.50**				
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*9.98*	"	*70-130*	*99.8*			
LCS	**0G07001-BS1**									
Benzene	7/7/00	10.0		10.4	ug/l	70-130	104			
Toluene	"	10.0		10.5	"	70-130	105			
Ethylbenzene	"	10.0		10.5	"	70-130	105			
Xylenes (total)	"	30.0		32.2	"	70-130	107			
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*10.5*	"	*70-130*	*105*			
Matrix Spike	**0G07001-MS1**		**MJG0115-01**							
Benzene	7/7/00	10.0	ND	10.6	ug/l	60-140	**106**			
Toluene	"	10.0	ND	10.8	"	60-140	**108**			
Ethylbenzene	"	10.0	ND	10.8	"	60-140	**108**			
Xylenes (total)	"	30.0	ND	32.7	"	60-140	**109**			
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*10.4*	"	*70-130*	*104*			
Matrix Spike Dup	**0G07001-MSD1**		**MJG0115-01**							
Benzene	7/7/00	10.0	ND	10.1	ug/l	60-140	**101**	25	**4.83**	
Toluene	"	10.0	ND	10.0	"	60-140	**100**	25	**7.69**	
Ethylbenzene	"	10.0	ND	10.3	"	60-140	**103**	25	**4.74**	
Xylenes (total)	"	30.0	ND	31.1	"	60-140	**104**	25	**5.02**	
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*10.1*	"	*70-130*	*101*			
Batch: 0G07005	**Date Prepared: 7/6/00**					**Extraction Method: EPA 5030B [P/T]**				
Blank	**0G07005-BLK1**									
Purgeable Hydrocarbons	7/6/00			**ND**	ug/l	**50.0**				
Benzene	"			**ND**	"	**0.500**				
Toluene	"			**ND**	"	**0.500**				
Ethylbenzene	"			**ND**	"	**0.500**				
Xylenes (total)	"			**ND**	"	**0.500**				
Methyl tert-butyl ether	"			**ND**	"	**2.50**				

Sequoia Analytical

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Pacific Environmental Group/ IT	Project:	Dor Oliver	Sampled: 6/30/00
1921 Ringwood Avenue	Project Number:	2901 Glascock St., Oakland, CA	Received: 7/3/00
San Jose, CA 95131	Project Manager:	Kurt Lueneburger	Reported: 7/14/00 17:38

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT/Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Blank (continued)	**0G07005-BLK1**									
Surrogate: a,a,a-Trifluorotoluene	*7/6/00*	*10.0*		*7.61*	*ug/l*	*70-130*	*76.1*			
LCS	**0G07005-BS1**									
Benzene	7/6/00	10.0		8.79	ug/l	70-130	87.9			
Toluene	"	10.0		8.81	"	70-130	88.1			
Ethylbenzene	"	10.0		9.38	"	70-130	93.8			
Xylenes (total)	"	30.0		28.1	"	70-130	93.7			
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*7.78*	"	*70-130*	*77.8*			
Matrix Spike	**0G07005-MS1**		**MJG0013-04**							
Benzene	7/6/00	10.0	ND	8.53	ug/l	60-140	**85.3**			
Toluene	"	10.0	ND	8.72	"	60-140	**87.2**			
Ethylbenzene	"	10.0	ND	9.07	"	60-140	**90.7**			
Xylenes (total)	"	30.0	ND	27.5	"	60-140	**91.7**			
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*8.68*	"	*70-130*	*86.8*			
Matrix Spike Dup	**0G07005-MSD1**		**MJG0013-04**							
Benzene	7/6/00	10.0	ND	8.53	ug/l	60-140	**85.3**	25	**0**	
Toluene	"	10.0	ND	8.55	"	60-140	**85.5**	25	**1.97**	
Ethylbenzene	"	10.0	ND	8.89	"	60-140	**88.9**	25	**2.00**	
Xylenes (total)	"	30.0	ND	27.4	"	60-140	**91.3**	25	**0.364**	
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*8.46*	"	*70-130*	*84.6*			
Batch: 0G10005	**Date Prepared: 7/10/00**					**Extraction Method: EPA 5030B [P/T]**				
Blank	**0G10005-BLK1**									
Purgeable Hydrocarbons	7/10/00			**ND**	ug/l	**50.0**				
Benzene	"			**ND**	"	**0.500**				
Toluene	"			**ND**	"	**0.500**				
Ethylbenzene	"			**ND**	"	**0.500**				
Xylenes (total)	"			**ND**	"	**0.500**				
Methyl tert-butyl ether	"			**ND**	"	**2.50**				
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*8.19*	"	*70-130*	*81.9*			
LCS	**0G10005-BS1**									
Purgeable Hydrocarbons	7/10/00	250		220	ug/l	70-130	88.0			
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*10.2*	"	*70-130*	*102*			

Sequoia Analytical

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Pacific Environmental Group/ IT	Project:	Dor Oliver	Sampled: 6/30/00
1921 Ringwood Avenue	Project Number:	2901 Glascock St., Oakland, CA	Received: 7/3/00
San Jose, CA 95131	Project Manager:	Kurt Lueneburger	Reported: 7/14/00 17:38

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT/Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Matrix Spike	**0G10005-MS1**		**MJF0987-03**							
Purgeable Hydrocarbons	7/10/00	250		230	ug/l	60-140	**92.0**			
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*10.3*	"	*70-130*	*103*			
Matrix Spike Dup	**0G10005-MSD1**		**MJF0987-03**							
Purgeable Hydrocarbons	7/10/00	250		216	ug/l	60-140	**86.4**	25	**6.28**	
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*10.3*	"	*70-130*	*103*			

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Diesel Hydrocarbons (C9-C24) by DHS LUFT/Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0G10022	**Date Prepared: 7/10/00**					**Extraction Method: EPA 3510B**				
Blank	**0G10022-BLK1**									
Diesel Range Hydrocarbons	7/11/00			**ND**	mg/l	**0.0500**				
Motor Oil (C16-C36)	"			**ND**	"	**0.500**				
Surrogate: n-Pentacosane	"	*0.200*		*0.265*	"	*50-150*	*132*			
LCS	**0G10022-BS1**									
Diesel Range Hydrocarbons	7/11/00	2.00		1.92	mg/l	60-140	96.0			
Surrogate: n-Pentacosane	"	*0.200*		*0.214*	"	*50-150*	*107*			
Matrix Spike	**0G10022-MS1**		**MJG0013-01**							
Diesel Range Hydrocarbons	7/11/00	2.00	0.534	2.17	mg/l	50-150	**81.8**			
Surrogate: n-Pentacosane	"	*0.200*		*0.215*	"	*50-150*	*108*			
Matrix Spike Dup	**0G10022-MSD1**		**MJG0013-01**							
Diesel Range Hydrocarbons	7/11/00	2.00	0.534	2.26	mg/l	50-150	**86.3**	50	**4.06**	
Surrogate: n-Pentacosane	"	*0.200*		*0.199*	"	*50-150*	*99.5*			

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Notes and Definitions

#	Note
D-13	Chromatogram Pattern: Diesel C9-C24
D-15	Chromatogram Pattern: Unidentified Hydrocarbons C9-C24
D-19	Chromatogram pattern: Unidentified Hydrocarbons C16-C36.
P-03	Chromatogram Pattern: Unidentified Hydrocarbons C6-C12
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
Recov.	Recovery
RPD	Relative Percent Difference

Chain of Custody MJG0013

Pacific Environmental Group, Inc.
1921 Ringwood Av. San Jose CA 95131
Phone 408 453 7300 Fax 408 4379526

PROJECT No. 805 385

Facility No: Former Doer Olive Site | Facility Address: 901 Glascock St. Oakland | Billing Refence Number:

CLIENT engineer: Glascock Prop. Denis Bozian | Point of Contact: Kurt Wiesenburger | Sampler: Pedro Perez | Laboratory Name: Sequoia

Sample I.D.	Cont. No.	Container Size (ml)	Sample Preserv.	Matrix (W=water, S=soil, A=air)	Type (G=grab, D=disc., C=comp.)	Sampling Date	Sampling Time	BTEX/ VPHgas (8015/ 8020) MTBE	TPH Diesel (8015)	Oil and Grease (5520)	Total Dislvd. Metals	VOC (EPA 624/ 8240)	SVOC (EPA 627/ 8270)	HVOC (EPA 601/ 8010)	Fuel Fingerprint as Diesel & Motor Oil		
MW-1	5	40/1L	HCl/ UP	W	G	6/30/00	9:50	X							X		01
MW-2							10:10										02
MW-3							8:20										03
MW-4							8:45										04
MW-6							9:25										05
MW-7							8:00										06
MW-8							9:05										07

Comments:

* TAT Want Verbal Fax Results 5 Day From Submittal.

Fuel Fingerprint as Diesel & Motor oil w/ filtration by 0.7 Micron TCLP follower by Silicagel Cleanup of Extract by EPA Method 3630 With out Solvent Exchange

Condition of Sample:

Temperature Received:

Relinquished by	Date	Time	Received by	Date	Time
	6/30/00	1500		7/3/00	8:50
Relinquished by	Date	Time	Received by	Date	Time
	7/3/00	1132	MH	7/3/00	1132
Relinquished by	Date	Time	Received by	Date	Time
Relinquished by	Date	Time	Received by laboratory	Date	Time

Mail original Analytical Report to:

Pacific Environmental Group
1921 Ringwood Av.
San Jose, CA 95131

Turnaround Time:

- Priority Rush (1 day) ☐
- Rush (2 days) ☐
- Expedited (5 days) ☐
- Standard (10 days) ☒
- As Contracted ☐

3 11 32