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the i group

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A Member of The IT Group

December 17, 2001
Project 805385

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DEC 21 2001

Mr. Gary Martz
Iconco
303 Derby Avenue
Oakland, California 94601

Re: **Quarterly Report - Third Quarter 2001**
2901 Glascock Street
Oakland, California

Dear Mr. Martz:

IT Corporation (IT) has prepared this report for Iconco. The following sections present results of the third quarter 2001 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 September 18, 2001. The wells were sampled and analyzed for the presence of, benzene, toluene, ethylbenzene, and xylenes (BTEX compounds), total purgeable petroleum hydrocarbons quantified as gasoline (TPPH-g), and methyl tert-butyl ether (MtBE). Samples were also submitted to the laboratory and analysis requested for total extractable petroleum hydrocarbons quantified as diesel (TEPH-d), and total extractable petroleum hydrocarbons quantified as motor oil (TEPH-mo); however, the laboratory failed to perform the proper preparation for these samples and the samples were beyond their hold time before the laboratory realized their error. Groundwater samples were also analyzed for the biodegradation indicators ferrous iron, nitrate, and sulfate. Field measurements of dissolved oxygen (DO) and oxidation-reduction potential (ORP) were also collected from selected wells before and after purging.

The depth to groundwater and groundwater analytical data are presented in Tables 1 through 3. Figure 1 presents the results of the interpreted water elevation contours and selected groundwater analytical results. Certified Analytical Reports (CARs), chain-of-custody (COC) documentation, and field data sheets are contained in Attachment A.

Groundwater Levels

Groundwater elevations in site monitoring wells increased in 3 wells, but decreased in four wells, and decreased 0.2 feet on average compared with the prior quarter (Table 1). The groundwater flow direction continues to be generally to the south/southwest (toward the Oakland Estuary) at a gradient of approximately 0.01 (Figure 1).

Groundwater Quality

Table 2 presents the groundwater analytical data for hydrocarbons and MtBE. Figure 1 illustrates the groundwater analytical results for TEPH-d, benzene, and TEPH-mo. CARs, COC documentation, and field data sheets are contained in Attachment A. The laboratory was directed to prepare groundwater samples for TEPH analyses using a 0.7 micron glass filter followed by a silica gel column cleanup by method 3630B without solvent exchange. This procedure is intended to remove suspended particles and nonhydrocarbon organic matter in the samples that may create a false positive response when analyzed. The laboratory failed to perform the proper preparation, and the hold time for the samples expired before the laboratory could correct their error. As a result, no TEPH-d or TEPH-mo data is available this quarter.

No separate-phase hydrocarbons (SPH) were observed in any of the monitoring wells this quarter. Benzene was detected in four wells, MW-1, MW-2, MW-3, and MW-6, at concentrations ranging from 1.0 to 6.3 micrograms per liter (µg/L). Gasoline range hydrocarbons were also detected in the same four wells, at concentrations ranging from 210 to 980 µg/L; results were characterized by the lab as unidentified hydrocarbons in the C6 to C10 range.

Detectable concentrations of MtBE were reported in the groundwater samples from wells MW-1, MW-2, MW-6, and MW-7, ranging from 2.6 to 20 µg/L. The source of MtBE is believed to be located off-site, as well MW-7 (an upgradient, off-site well) has historically exhibited the highest concentrations.

CONCLUSIONS/RECCOMENDATIONS

Groundwater concentrations of TPPH-g and BTEX compounds were consistent when compared with historical measurements. Since no results were available for TEPH-d and TEPH-mo, IT accelerated the schedule for the fourth quarter monitoring event, and sampled the wells on November 1, 2001. IT intends to maintain a similar monitoring schedule going forward.

The failure of the laboratory to properly prepare the TEPH-d and TEPH-mo samples during the third quarter casts suspicion on the analytical results from the second quarter event, which were considerably higher than would be expected given groundwater concentration trends. IT has elected to use a different laboratory for analysis of fourth

quarter samples in an effort to ensure that the sample preparation protocol is properly completed.

Based on the concentrations observed this quarter, it appears that an upgradient, off-site source of MtBE continues to impact monitoring wells at this site.

IT recommends the continued use of Oxygen Releasing Compound (ORC®) socks in wells at the site to further stimulate aerobic biodegradation. IT replaced the ORC® socks in wells MW-1, MW-2, and MW-6 after completion of the third quarter monitoring event.

A copy of this report should be forwarded to the ACHCSA, attention Barney Chan. If you have any questions regarding this report, please contact Andrew Lehane of IT at (408) 453-7300.

Sincerely,
IT Corporation

Andrew D. Lehane
Senior Engineer
RCE 55798

Attachments:
Table 1 Groundwater Elevation Data
Table 2 Groundwater Analytical Data
Table 3 Additional Groundwater Analytical Data
Figure 1- Groundwater Monitoring Results, Third Quarter 2001
Attachment A CARs, COC 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
	09/29/00		8.57	2.19
	12/28/00		8.23	2.53
	03/26/01		8.00	2.76
	06/28/01		8.60	2.16
	09/18/01		8.46	2.30
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
	09/29/00		7.40	3.23
	12/28/00		6.93	3.70
	03/26/01		5.40	5.23
	06/28/01		7.80	2.83
	09/18/01		8.30	2.33
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

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-3	03/21/97		5.72	4.15
(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
	09/29/00		6.67	3.20
	12/28/00		6.21	3.66
	03/26/01		5.75	4.12
	06/28/01		6.33	3.54
	09/18/01		6.92	2.95
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
	09/29/00		8.10	2.54
	12/28/00		7.97	2.67
	03/26/01		7.42	3.22
	06/28/01		7.78	2.86
	09/18/01		8.20	2.44
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

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-6	09/29/97		9.95	0.33
(cont'd)	12/11/97		8.50	1.78
	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
	09/29/00		10.35	-0.07
	12/28/00		9.08	1.20
	03/26/01		8.68	1.60
	06/28/01		9.45	0.83
	09/18/01		9.00	1.28
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
	06/30/00		4.30	5.56
	09/29/00		5.17	4.69
	12/28/00		4.71	5.15
	03/26/01		3.52	6.34
	06/28/01		4.70	5.16
	09/18/01		5.44	4.42
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
	09/29/00		10.18	0.43
	12/28/00		8.37	2.24
	03/26/01		8.75	1.86
	06/28/01		8.95	1.66
	09/18/01		8.82	1.79

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	0.64	2.92	530	g	ND		ND
	09/29/00	5,520	b	ND	ND	ND	11.8	956	e	662	d	ND
	12/28/00	1,270	b	5.34	ND	ND	ND	4,920	g	3,330	d	34.1
	03/26/01	492	b	3.58	ND	ND	ND	614	g	ND		20.1
	06/28/01	430		1.8	ND	ND	1.4	11,000		7,100	d	6
	09/18/01	210	b	6.3	ND	ND	1.1	NA		NA		20
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		0.612		ND
	06/30/00	1,020	b	1.71	1.59	0.544	2.47	1,480	e	ND		ND
	09/29/00	1,710	b	2.92	ND	ND	ND	2,030	g	1,200	d	ND
	12/28/00	6,010	b	ND	ND	ND	ND	7,130	e	ND		ND
	03/26/01	2,070	b	ND	ND	ND	ND	2,090	c	1,220	d	ND
	06/28/01	4,100		ND	ND	ND	ND	30,000		19,000	d	ND
	09/18/01	980	b	1.0	1.4	ND	0.88	NA		NA		2.6

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	100		ND		ND
	09/29/00	85.0	b	ND	ND	ND	0.849	495	g	ND		8.45
	12/28/00	1,530	b	ND	ND	ND	ND	667	g	ND		ND
	03/26/01	585	b	ND	ND	ND	ND	587	c	ND		ND
	06/28/01	610		0.66	ND	ND	ND	8,800		5,200	d	ND
	09/18/01	870	b	1.3	ND	ND	1.6	NA		NA		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
	09/29/00	ND		ND	ND	ND	ND	68.3	g	ND		ND
	12/28/00	ND		ND	ND	ND	ND	80.9	g	ND		ND
	03/26/01	ND		ND	ND	ND	ND	96.2	g	ND		ND
	06/28/01	ND		ND	ND	ND	ND	ND		ND		ND
	09/18/01	ND		ND	ND	ND	ND	NA		NA		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	590	g	ND		ND
	09/29/00	642	b	4.41	0.793	ND	1.32	863	g	ND		14.4
	12/28/00	500	b	4.89	ND	ND	ND	6,750	g	3,440	d	ND
	03/26/01	14000	b	ND	ND	ND	ND	773	c	ND		ND
	06/28/01	620	b	3.3	0.76	0.58	1.6	31,000		22,000	d	3.9
	09/18/01	430	b	3.1	0.54	2.6	2.8	NA		NA		4.1
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
	09/29/00	ND		ND	ND	ND	ND	70.0	g	ND		50.4
	12/28/00	ND		ND	ND	ND	ND	73.8	g	ND		41.5
	03/26/01	ND		ND	ND	ND	ND	76.1	g	ND		11.1
	06/28/01	ND		ND	ND	ND	ND	ND		ND		40
	09/18/01	ND		ND	ND	ND	ND	NA		NA		16

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
	09/29/00	ND	ND	ND	ND	ND	ND		ND		ND
	12/28/00	ND	ND	ND	ND	ND	66.7	g	ND		ND
	03/26/01	ND	ND	ND	ND	ND	67.9	g	ND		ND
	06/28/01	ND	ND	ND	ND	ND	ND		ND		ND
	09/18/01	ND	ND	ND	ND	ND	NA		NA		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

Additional Groundwater Analytical Data

Ferrous Iron, Nitrate as NO_3, Sulfate as SO_4, Dissolved Oxygen, Oxidation-Reduction Potential

2901 Glascock Street
Oakland, California

Well	Date Sampled	Ferrous Iron (mg/L)	Nitrate as NO_3 (mg/L)	Sulfate as SO_4 (mg/L)	Dissolved Oxygen (mg/L)	Oxidation-Reduction Potential
MW-1	06/17/99	----	----	----	1.8	----
	09/13/99	----	----	----	4.6	----
	12/28/99	----	----	----	8.3	----
	03/02/00	----	----	----	6.2	----
	06/30/00	----	----	----	6.0	----
	09/29/00	----	----	----	5.2	----
	12/28/00	0.311	ND*	12.0	2.0/2.0	-71/-100
	03/26/01	0.247*	ND	12.0	1/2	-96/-106
	06/28/01	ND	0.40	10	10/9.6	39/-98
	09/18/01	ND	ND	10	8/3	-54/-86
MW-2	06/17/99	----	----	----	2.2	----
	09/13/99	----	----	----	2.0	----
	12/28/99	----	----	----	NM (cloudy)	----
	03/02/00	----	----	----	5.2	----
	06/30/00	----	----	----	5.4	----
	09/29/00	----	----	----	4.8	----
	12/28/00	0.0505	ND*	0.33	2.0/2.0	-69/-72
	03/26/01	0.482*	ND	ND	2/2	-61/-95
	06/28/01	ND	0.87	0.84	2.8/1.6	-80/-71
	09/18/01	0.10	ND	1.1	2/2	-73/-91
MW-3	12/28/00	0.0580	ND*	12.0	2.0/2.0	56/-46
	03/26/01	0.051*	5.86	17.5	NM	NM
	06/28/01	ND	0.58	1.8	1.2	-140
	09/18/01	ND	ND	0.61	NM	NM
MW-4	12/28/00	0.0308	22*	48.0	4.0/4.0	5/20
	03/26/01	1.37*	20.4	48.0	NM	NM
	06/28/01	0.17	25	49	2.4	78
	09/18/01	0.18	28	54	NM	NM
MW-6	06/17/99	----	----	----	1.6	----
	09/13/99	----	----	----	2.2	----
	12/28/99	----	----	----	NM (cloudy)	----
	03/02/00	----	----	----	1.8	----
	06/30/00	----	----	----	1.4	----
	09/29/00	----	----	----	1.8	----
	12/28/00	0.444	ND*	0.24	3.0/3.0	-61/-104
	03/26/01	0.765*	ND	ND	2/2	-102/-138
	06/28/01	ND	0.32	0.72	1.2/1.0	-117/-112
	09/18/01	ND	ND	0.64	3/2	-53/-112
MW-7	12/28/00	ND	80.0*	100	2.0/3.0	-15/11
	03/26/01	0.199*	69.6	96.8	NM	NM
	06/28/01	0.12	73	100	3.2	12
	09/18/01	ND	82	96	NM	NM
MW-8	12/28/00	ND	50.0*	120	4.0/4.0	82/84
	03/26/01	139*	32.5	138	NM	NM
	06/28/01	0.15	36	160	6.2	99
	09/18/01	ND	42	120	NM	NM

mg/L = Milligrams per Liter
NM = Not measured
ND = Not detected (see certified analytical reports for detection limits)
* = Sample analyzed outside of the EPA recommended holding time
2.0/3.0 = Before purging well/After purging well

DRAWING NUMBER	805385
APPROVED BY	
CHECKED BY	
DRAWN BY	K. Block
	12-18-01

PETERSON STREET

GLASCOCK STREET

MW-7 (4.42) NA / ND / NA

APPROXIMATE LIMITS OF BUILDING

4.0

3.0

2.0

MW-3 (2.95) NA / 1.3 / NA

OFFICES

FORMER TANK

MW-2 (2.33) NA / 1.0 / NA

FORMER TANK

OPEN LOT

MW-4 (2.44) NA / ND / NA

RAMP

MW-1 (2.30) NA / 6.3 / NA

MW-5

MW-8 (1.79) NA / ND / NA

FORMER SANDBLAST ROOM

MW-6 (1.28) NA / 3.1 / NA

OAKLAND ESTUARY

LEGEND

⊙	GROUNDWATER MONITORING WELL
⌀	DESTROYED GROUNDWATER MONITORING WELL
(2.95)	GROUNDWATER ELEVATION (FT-MSL); MEASURED 9-18-01
NA / 1.3 / NA	TEPH-d/BENZENE/TEPH-mo CONCENTRATIONS IN GROUNDWATER (PARTS PER BILLION); 9-18-01
? — —	GROUNDWATER ELEVATION CONTOUR (FT-MSL)
ND	NOT DETECTED
NA	NOT ANALYZED

APPROXIMATE DIRECTION OF GROUNDWATER FLOW

APPROXIMATE GRADIENT = 0.01

SCALE

0 40 80 FEET

IT CORPORATION

ICONCO

FIGURE 1

GROUNDWATER MONITORING RESULTS THIRD QUARTER 2001

2901 GLASCOCK STREET
OAKLAND, CALIFORNIA

ATTACHMENT A
CARs, COC DOCUMENTATION, AND FIELD DATA SHEETS

Sequoia
Analytical

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

DEC 0 7 2001

23 October, 2001

Andrew Lehane
Pacific Environmental Group
1921 Ringwood Avenue
San Jose, CA 95131

RE: IT Project #805385 – 2901 Glascock Street, Oakland
Sequoia Report: MKI0373

Enclosed are the revised results of analyses for samples received by the laboratory on 9/18/01 19:20. Due to a missed step during the diesel and motor oil extraction, the samples were not filtered. When the error was discovered the diesel and motor oil samples were beyond the recommended EPA hold time so the samples could not be re-extracted. Therefore diesel and motor oil results have not been reported. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

James Hartley
Project Manager

CA ELAP Certificate #1210

Sequoia Analytical

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IT Corporation (San Jose)	Project: -	
1921 Ringwood Ave.	Project Number: 805385	**Reported:**
San Jose CA, 95131	Project Manager: Andrew Lehane	12/06/01 11:59

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	MKI0373-01	Water	09/18/01 11:54	09/18/01 19:20
MW-2	MKI0373-02	Water	09/18/01 11:07	09/18/01 19:20
MW-3	MKI0373-03	Water	09/18/01 10:30	09/18/01 19:20
MW-4	MKI0373-04	Water	09/18/01 12:35	09/18/01 19:20
MW-6	MKI0373-05	Water	09/18/01 14:10	09/18/01 19:20
MW-7	MKI0373-06	Water	09/18/01 09:41	09/18/01 19:20
MW-8	MKI0373-07	Water	09/18/01 13:26	09/18/01 19:20

Sequoia Analytical - Morgan Hill

James Hartley, Project Manager

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.

Sequoia Analytical

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IT Corporation (San Jose)	Project: -	
1921 Ringwood Ave.	Project Number: 805385	**Reported:**
San Jose CA, 95131	Project Manager: Andrew Lehane	12/06/01 11:59

Total Purgeable Hydrocarbons (C6-C10) by 8015B modified, BTEX and MTBE by 8021B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (MKI0373-01) Water Sampled: 09/18/01 11:54 Received: 09/18/01 19:20									
Gasoline Range Organics (C6-C10)	**210**	50	ug/l	1	1I24003	09/24/01	09/24/01	8015Bm/8021B	P-03
Benzene	**6.3**	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	**1.1**	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**20**	2.5	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*114 %*	*70-130*		"	"	"	"	
MW-2 (MKI0373-02) Water Sampled: 09/18/01 11:07 Received: 09/18/01 19:20									
Gasoline Range Organics (C6-C10)	**980**	50	ug/l	1	1I24003	09/24/01	09/24/01	8015Bm/8021B	P-03
Benzene	**1.0**	0.50	"	"	"	"	"	"	
Toluene	**1.4**	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	**0.88**	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**2.6**	2.5	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*94.4 %*	*70-130*		"	"	"	"	
MW-3 (MKI0373-03) Water Sampled: 09/18/01 10:30 Received: 09/18/01 19:20									
Gasoline Range Organics (C6-C10)	**870**	50	ug/l	1	1I24003	09/24/01	09/24/01	8015Bm/8021B	P-03
Benzene	**1.3**	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	**1.6**	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*82.2 %*	*70-130*		"	"	"	"	

Sequoia Analytical

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IT Corporation (San Jose)	Project: -	
1921 Ringwood Ave.	Project Number: 805385	**Reported:**
San Jose CA, 95131	Project Manager: Andrew Lehane	12/06/01 11:59

Total Purgeable Hydrocarbons (C6-C10) by 8015B modified, BTEX and MTBE by 8021B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-4 (MKI0373-04) Water Sampled: 09/18/01 12:35 Received: 09/18/01 19:20									
Gasoline Range Organics (C6-C10)	ND	50	ug/l	1	1I21002	09/21/01	09/21/01	8015Bm/8021B	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*93.9 %*		*70-130*	"	"	"	"	
MW-6 (MKI0373-05) Water Sampled: 09/18/01 14:10 Received: 09/18/01 19:20									
Gasoline Range Organics (C6-C10)	**430**	50	ug/l	1	1I25004	09/25/01	09/25/01	8015Bm/8021B	P-03
Benzene	**3.1**	0.50	"	"	"	"	"	"	
Toluene	**0.54**	0.50	"	"	"	"	"	"	
Ethylbenzene	**2.6**	0.50	"	"	"	"	"	"	
Xylenes (total)	**2.8**	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**4.1**	2.5	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*102 %*		*70-130*	"	"	"	"	
MW-7 (MKI0373-06) Water Sampled: 09/18/01 09:41 Received: 09/18/01 19:20									
Gasoline Range Organics (C6-C10)	ND	50	ug/l	1	1I21001	09/21/01	09/21/01	8015Bm/8021B	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**16**	2.5	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*91.5 %*		*70-130*	"	"	"	"	

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IT Corporation (San Jose)	Project: -	
1921 Ringwood Ave.	Project Number: 805385	**Reported:**
San Jose CA, 95131	Project Manager: Andrew Lehane	12/06/01 11:59

Total Purgeable Hydrocarbons (C6-C10) by 8015B modified, BTEX and MTBE by 8021B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-8 (MKI0373-07) Water Sampled: 09/18/01 13:26 Received: 09/18/01 19:20									
Gasoline Range Organics (C6-C10)	ND	50	ug/l	1	1I21001	09/21/01	09/21/01	8015Bm/8021B	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*91.2 %*		*70-130*	"	"	"	"	

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IT Corporation (San Jose)	Project: -	
1921 Ringwood Ave.	Project Number: 805385	**Reported:**
San Jose CA, 95131	Project Manager: Andrew Lehane	12/06/01 11:59

Ferrous Iron by Hach method 8146/1;10 Phenanthroline Method

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (MKI0373-01) Water	**Sampled: 09/18/01 11:54**	**Received: 09/18/01 19:20**							
Ferrous Iron	ND	0.10	mg/l	1	1J02012	09/19/01	09/19/01	Hach Co. 8146	
MW-2 (MKI0373-02) Water	**Sampled: 09/18/01 11:07**	**Received: 09/18/01 19:20**							
Ferrous Iron	**0.10**	0.10	mg/l	1	1J02012	09/19/01	09/19/01	Hach Co. 8146	
MW-3 (MKI0373-03) Water	**Sampled: 09/18/01 10:30**	**Received: 09/18/01 19:20**							
Ferrous Iron	ND	0.10	mg/l	1	1J02012	09/19/01	09/19/01	Hach Co. 8146	
MW-4 (MKI0373-04) Water	**Sampled: 09/18/01 12:35**	**Received: 09/18/01 19:20**							
Ferrous Iron	**0.18**	0.10	mg/l	1	1J02012	09/19/01	09/19/01	Hach Co. 8146	
MW-6 (MKI0373-05) Water	**Sampled: 09/18/01 14:10**	**Received: 09/18/01 19:20**							
Ferrous Iron	ND	0.10	mg/l	1	1J02012	09/19/01	09/19/01	Hach Co. 8146	
MW-7 (MKI0373-06) Water	**Sampled: 09/18/01 09:41**	**Received: 09/18/01 19:20**							
Ferrous Iron	ND	0.10	mg/l	1	1J02012	09/19/01	09/19/01	Hach Co. 8146	
MW-8 (MKI0373-07) Water	**Sampled: 09/18/01 13:26**	**Received: 09/18/01 19:20**							
Ferrous Iron	ND	0.10	mg/l	1	1J02012	09/19/01	09/19/01	Hach Co. 8146	

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IT Corporation (San Jose)	Project: -	
1921 Ringwood Ave.	Project Number: 805385	**Reported:**
San Jose CA, 95131	Project Manager: Andrew Lehane	12/06/01 11:59

Anions by EPA Method 300.0

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (MKI0373-01) Water	**Sampled: 09/18/01 11:54**	**Received: 09/18/01 19:20**							
Sulfate as SO4	**10**	5.0	mg/l	10	1J05009	09/26/01	09/26/01	EPA 300.0	
MW-2 (MKI0373-02) Water	**Sampled: 09/18/01 11:07**	**Received: 09/18/01 19:20**							
Sulfate as SO4	**1.1**	0.50	mg/l	1	1J05009	09/26/01	09/26/01	EPA 300.0	
MW-3 (MKI0373-03) Water	**Sampled: 09/18/01 10:30**	**Received: 09/18/01 19:20**							
Sulfate as SO4	**0.61**	0.50	mg/l	1	1J05009	09/26/01	09/26/01	EPA 300.0	
MW-4 (MKI0373-04) Water	**Sampled: 09/18/01 12:35**	**Received: 09/18/01 19:20**							
Sulfate as SO4	**54**	5.0	mg/l	10	1J05009	09/26/01	09/26/01	EPA 300.0	
MW-6 (MKI0373-05) Water	**Sampled: 09/18/01 14:10**	**Received: 09/18/01 19:20**							
Sulfate as SO4	**0.64**	0.50	mg/l	1	1J05009	09/26/01	09/26/01	EPA 300.0	
MW-7 (MKI0373-06) Water	**Sampled: 09/18/01 09:41**	**Received: 09/18/01 19:20**							
Sulfate as SO4	**96**	5.0	mg/l	10	1J05009	09/26/01	09/26/01	EPA 300.0	
MW-8 (MKI0373-07) Water	**Sampled: 09/18/01 13:26**	**Received: 09/18/01 19:20**							
Sulfate as SO4	**120**	5.0	mg/l	10	1J05009	09/26/01	09/26/01	EPA 300.0	

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IT Corporation (San Jose)	Project: -	
1921 Ringwood Ave.	Project Number: 805385	**Reported:**
San Jose CA, 95131	Project Manager: Andrew Lehane	12/06/01 11:59

Anions by EPA Method 300.0

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (MKI0373-01) Water	**Sampled: 09/18/01 11:54**	**Received: 09/18/01 19:20**							
Nitrate as NO3	ND	0.89	mg/l	1	1090383	09/19/01	09/20/01	EPA 300.0	
MW-2 (MKI0373-02) Water	**Sampled: 09/18/01 11:07**	**Received: 09/18/01 19:20**							
Nitrate as NO3	ND	0.89	mg/l	1	1090383	09/19/01	09/20/01	EPA 300.0	
MW-3 (MKI0373-03) Water	**Sampled: 09/18/01 10:30**	**Received: 09/18/01 19:20**							
Nitrate as NO3	ND	0.89	mg/l	1	1090383	09/19/01	09/20/01	EPA 300.0	
MW-4 (MKI0373-04) Water	**Sampled: 09/18/01 12:35**	**Received: 09/18/01 19:20**							
Nitrate as NO3	**28**	0.89	mg/l	1	1090383	09/19/01	09/20/01	EPA 300.0	
MW-6 (MKI0373-05) Water	**Sampled: 09/18/01 14:10**	**Received: 09/18/01 19:20**							
Nitrate as NO3	ND	0.89	mg/l	1	1090383	09/19/01	09/20/01	EPA 300.0	
MW-7 (MKI0373-06) Water	**Sampled: 09/18/01 09:41**	**Received: 09/18/01 19:20**							
Nitrate as NO3	**82**	0.89	mg/l	1	1090383	09/19/01	09/20/01	EPA 300.0	
MW-8 (MKI0373-07) Water	**Sampled: 09/18/01 13:26**	**Received: 09/18/01 19:20**							
Nitrate as NO3	**42**	0.89	mg/l	1	1090383	09/19/01	09/20/01	EPA 300.0	

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IT Corporation (San Jose)	Project: -	
1921 Ringwood Ave.	Project Number: 805385	**Reported:**
San Jose CA, 95131	Project Manager: Andrew Lehane	12/06/01 11:59

Total Purgeable Hydrocarbons (C6-C10) by 8015B modified, BTEX and MTBE by 8021B - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1I21001 - EPA 5030B [P/T]										
Blank (1I21001-BLK1)				Prepared & Analyzed: 09/21/01						
Gasoline Range Organics (C6-C10)	ND	50	ug/l							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Methyl tert-butyl ether	ND	2.5	"							
Surrogate: a,a,a-Trifluorotoluene	*8.76*		"	*10.0*		*87.6*	*70-130*			
LCS (1I21001-BS1)				Prepared & Analyzed: 09/21/01						
Benzene	8.68	0.50	ug/l	10.0		86.8	70-130			
Toluene	9.18	0.50	"	10.0		91.8	70-130			
Ethylbenzene	9.49	0.50	"	10.0		94.9	70-130			
Xylenes (total)	28.5	0.50	"	30.0		95.0	70-130			
Surrogate: a,a,a-Trifluorotoluene	*9.23*		"	*10.0*		*92.3*	*70-130*			
LCS (1I21001-BS2)				Prepared & Analyzed: 09/21/01						
Gasoline Range Organics (C6-C10)	240	50	ug/l	250		96.0	70-130			
Surrogate: a,a,a-Trifluorotoluene	*8.35*		"	*10.0*		*83.5*	*70-130*			
Matrix Spike (1I21001-MS1)		**Source: MKI0339-02**		Prepared & Analyzed: 09/21/01						
Gasoline Range Organics (C6-C10)	243	50	ug/l	250	ND	97.2	60-140			
Surrogate: a,a,a-Trifluorotoluene	*8.14*		"	*10.0*		*81.4*	*70-130*			
Matrix Spike Dup (1I21001-MSD1)		**Source: MKI0339-02**		Prepared & Analyzed: 09/21/01						
Gasoline Range Organics (C6-C10)	238	50	ug/l	250	ND	95.2	60-140	2.08	25	
Surrogate: a,a,a-Trifluorotoluene	*8.03*		"	*10.0*		*80.3*	*70-130*			

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IT Corporation (San Jose)	Project: -	
1921 Ringwood Ave.	Project Number: 805385	**Reported:**
San Jose CA, 95131	Project Manager: Andrew Lehane	12/06/01 11:59

Total Purgeable Hydrocarbons (C6-C10) by 8015B modified, BTEX and MTBE by 8021B - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1I21002 - EPA 5030B [P/T]										
Blank (1I21002-BLK1)				Prepared & Analyzed: 09/21/01						
Gasoline Range Organics (C6-C10)	ND	50	ug/l							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Methyl tert-butyl ether	ND	2.5	"							
Surrogate: a,a,a-Trifluorotoluene	*9.06*		"	*10.0*		*90.6*	*70-130*			
LCS (1I21002-BS1)				Prepared & Analyzed: 09/21/01						
Benzene	9.53	0.50	ug/l	10.0		95.3	70-130			
Toluene	9.14	0.50	"	10.0		91.4	70-130			
Ethylbenzene	9.72	0.50	"	10.0		97.2	70-130			
Xylenes (total)	29.1	0.50	"	30.0		97.0	70-130			
Surrogate: a,a,a-Trifluorotoluene	*9.32*		"	*10.0*		*93.2*	*70-130*			
LCS (1I21002-BS2)				Prepared & Analyzed: 09/21/01						
Gasoline Range Organics (C6-C10)	229	50	ug/l	250		91.6	70-130			
Surrogate: a,a,a-Trifluorotoluene	*9.42*		"	*10.0*		*94.2*	*70-130*			
Matrix Spike (1I21002-MS1)		**Source: MKI0342-10**		Prepared & Analyzed: 09/21/01						
Benzene	10.7	0.50	ug/l	10.0	ND	105	60-140			
Toluene	9.99	0.50	"	10.0	ND	98.3	60-140			
Ethylbenzene	10.3	0.50	"	10.0	ND	102	60-140			
Xylenes (total)	31.1	0.50	"	30.0	ND	102	60-140			
Surrogate: a,a,a-Trifluorotoluene	*9.72*		"	*10.0*		*97.2*	*70-130*			
Matrix Spike Dup (1I21002-MSD1)		**Source: MKI0342-10**		Prepared & Analyzed: 09/21/01						
Benzene	10.6	0.50	ug/l	10.0	ND	104	60-140	0.939	25	
Toluene	10.4	0.50	"	10.0	ND	102	60-140	4.02	25	
Ethylbenzene	10.3	0.50	"	10.0	ND	102	60-140	0.00	25	
Xylenes (total)	30.6	0.50	"	30.0	ND	100	60-140	1.62	25	
Surrogate: a,a,a-Trifluorotoluene	*9.48*		"	*10.0*		*94.8*	*70-130*			

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IT Corporation (San Jose)	Project: -	
1921 Ringwood Ave.	Project Number: 805385	**Reported:**
San Jose CA, 95131	Project Manager: Andrew Lehane	12/06/01 11:59

Total Purgeable Hydrocarbons (C6-C10) by 8015B modified, BTEX and MTBE by 8021B - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1I24003 - EPA 5030B [P/T]										
Blank (1I24003-BLK1)				Prepared & Analyzed: 09/24/01						
Gasoline Range Organics (C6-C10)	ND	50	ug/l							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Methyl tert-butyl ether	ND	2.5	"							
Surrogate: a,a,a-Trifluorotoluene	*9.97*		"	*10.0*		*99.7*	*70-130*			
LCS (1I24003-BS1)				Prepared & Analyzed: 09/24/01						
Benzene	9.50	0.50	ug/l	10.0		95.0	70-130			
Toluene	9.92	0.50	"	10.0		99.2	70-130			
Ethylbenzene	10.6	0.50	"	10.0		106	70-130			
Xylenes (total)	31.4	0.50	"	30.0		105	70-130			
Surrogate: a,a,a-Trifluorotoluene	*10.2*		"	*10.0*		*102*	*70-130*			
LCS (1I24003-BS2)				Prepared & Analyzed: 09/24/01						
Gasoline Range Organics (C6-C10)	269	50	ug/l	250		108	70-130			
Surrogate: a,a,a-Trifluorotoluene	*10.5*		"	*10.0*		*105*	*70-130*			
Matrix Spike (1I24003-MS1)		**Source: MKI0337-01**		Prepared & Analyzed: 09/24/01						
Benzene	9.05	0.50	ug/l	10.0	ND	90.5	60-140			
Toluene	9.56	0.50	"	10.0	ND	95.6	60-140			
Ethylbenzene	10.6	0.50	"	10.0	ND	106	60-140			
Xylenes (total)	29.8	0.50	"	30.0	ND	99.3	60-140			
Surrogate: a,a,a-Trifluorotoluene	*10.4*		"	*10.0*		*104*	*70-130*			
Matrix Spike Dup (1I24003-MSD1)		**Source: MKI0337-01**		Prepared & Analyzed: 09/24/01						
Benzene	9.38	0.50	ug/l	10.0	ND	93.8	60-140	3.58	25	
Toluene	9.88	0.50	"	10.0	ND	98.8	60-140	3.29	25	
Ethylbenzene	10.3	0.50	"	10.0	ND	103	60-140	2.87	25	
Xylenes (total)	31.2	0.50	"	30.0	ND	104	60-140	4.59	25	
Surrogate: a,a,a-Trifluorotoluene	*9.68*		"	*10.0*		*96.8*	*70-130*			

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IT Corporation (San Jose)	Project: -	
1921 Ringwood Ave.	Project Number: 805385	**Reported:**
San Jose CA, 95131	Project Manager: Andrew Lehane	12/06/01 11:59

Total Purgeable Hydrocarbons (C6-C10) by 8015B modified, BTEX and MTBE by 8021B - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1I25004 - EPA 5030B [P/T]										
Blank (1I25004-BLK1)				Prepared & Analyzed: 09/25/01						
Gasoline Range Organics (C6-C10)	ND	50	ug/l							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Methyl tert-butyl ether	ND	2.5	"							
Surrogate: a,a,a-Trifluorotoluene	*10.1*		"	*10.0*		*101*	*70-130*			
LCS (1I25004-BS1)				Prepared & Analyzed: 09/25/01						
Benzene	9.45	0.50	ug/l	10.0		94.5	70-130			
Toluene	9.75	0.50	"	10.0		97.5	70-130			
Ethylbenzene	10.1	0.50	"	10.0		101	70-130			
Xylenes (total)	31.7	0.50	"	30.0		106	70-130			
Surrogate: a,a,a-Trifluorotoluene	*10.2*		"	*10.0*		*102*	*70-130*			
LCS (1I25004-BS2)				Prepared & Analyzed: 09/25/01						
Gasoline Range Organics (C6-C10)	255	50	ug/l	250		102	70-130			
Surrogate: a,a,a-Trifluorotoluene	*13.5*		"	*10.0*		*135*	*70-130*			*S-02*

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IT Corporation (San Jose)	Project: -	
1921 Ringwood Ave.	Project Number: 805385	**Reported:**
San Jose CA, 95131	Project Manager: Andrew Lehane	12/06/01 11:59

Ferrous Iron by Hach method 8146/1;10 Phenanthroline Method - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1J02012 - General Preparation										
Blank (1J02012-BLK1)				Prepared & Analyzed: 09/19/01						
Ferrous Iron	ND	0.10	mg/l							
LCS (1J02012-BS1)				Prepared & Analyzed: 09/19/01						
Ferrous Iron	0.386	0.10	mg/l	0.400		96.5	90-110			
Matrix Spike (1J02012-MS1)		**Source: MKI0373-05**		Prepared & Analyzed: 09/19/01						
Ferrous Iron	0.452	0.10	mg/l	0.400	ND	107	80-120			
Matrix Spike Dup (1J02012-MSD1)		**Source: MKI0373-05**		Prepared & Analyzed: 09/19/01						
Ferrous Iron	0.449	0.10	mg/l	0.400	ND	106	80-120	0.666	20	

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IT Corporation (San Jose)	Project: -	
1921 Ringwood Ave.	Project Number: 805385	**Reported:**
San Jose CA, 95131	Project Manager: Andrew Lehane	12/06/01 11:59

Anions by EPA Method 300.0 - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1J05009 - General Preparation										
Blank (1J05009-BLK1)				Prepared & Analyzed: 09/26/01						
Sulfate as SO4	ND	0.50	mg/l							
LCS (1J05009-BS1)				Prepared & Analyzed: 09/26/01						
Sulfate as SO4	9.87	0.50	mg/l	10.0		98.7	90-110			
Matrix Spike (1J05009-MS1)		**Source: MKI0378-06**		Prepared & Analyzed: 09/26/01						
Sulfate as SO4	9470	500	mg/l	10000	560	89.1	80-120			
Matrix Spike Dup (1J05009-MSD1)		**Source: MKI0378-06**		Prepared & Analyzed: 09/26/01						
Sulfate as SO4	9480	500	mg/l	10000	560	89.2	80-120	0.106	20	

Sequoia Analytical

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

IT Corporation (San Jose)	Project: -	
1921 Ringwood Ave.	Project Number: 805385	**Reported:**
San Jose CA, 95131	Project Manager: Andrew Lehane	12/06/01 11:59

Anions by EPA Method 300.0 - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1090383 - General Preparation										
Blank (1090383-BLK1)				Prepared & Analyzed: 09/19/01						
Nitrate as NO3	ND	0.89	mg/l							
LCS (1090383-BS1)				Prepared & Analyzed: 09/19/01						
Nitrate as NO3	47.4	0.89	mg/l	44.3		107	90-110			
Matrix Spike (1090383-MS1)		**Source: P109145-07**		Prepared & Analyzed: 09/19/01						
Nitrate as NO3	142	4.4	mg/l	111	26	105	80-120			
Matrix Spike (1090383-MS2)		**Source: P109145-07**		Prepared & Analyzed: 09/19/01						
Nitrate as NO3	140	4.4	mg/l	111	26	103	80-120			
Matrix Spike Dup (1090383-MSD1)		**Source: P109145-07**		Prepared & Analyzed: 09/19/01						
Nitrate as NO3	141	4.4	mg/l	111	26	104	80-120	0.707	20	
Matrix Spike Dup (1090383-MSD2)		**Source: P109145-07**		Prepared & Analyzed: 09/19/01						
Nitrate as NO3	140	4.4	mg/l	111	26	103	80-120	0.00	20	

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IT Corporation (San Jose)	Project: -	
1921 Ringwood Ave.	Project Number: 805385	**Reported:**
San Jose CA, 95131	Project Manager: Andrew Lehane	12/06/01 11:59

Notes and Definitions

P-03	Chromatogram Pattern: Unidentified Hydrocarbons C6-C10
S-02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

PAGE 02

SEQUDIA SC

6502329612

09:59

PROJECT No. 805385 MKI 0373

Chain of Custody

the igroup

IT Corporation
1921 Ringwood Avenue
San Jose, CA 95131-1721
Office 408.453.7300 Fax 408.437.9526

Facility No.: Former Dor Oliver Site

Facility Address: 2901 Glasscock St Oakland

CLIENT engineer: Dennis Buran

PACIFIC Point of Contact: Andrew/Eddie

Sampler: Ruben Gurney

Billing Refence Number:

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 Disslvd. Metals	VOC (EPA 624/8240)	SVOC (EPA 627/8270)	HVOC (EPA 601/8010)	Fuel Fingerprint as Diesel/Motor Oil	*Ferrous Iron	Nitrates Sulfates 300.0	
01	MW1	7	40ml 500	HCL/NP	W	G	9/18/01	11:54	X							X	X	X	
02	MW2	↓	↓	↓	↓	↓	9/18/01	11:07	↓							↓	↓	↓	
03	MW3	↓	↓	↓	↓	↓	9/18/01	10:30	↓							↓	↓	↓	
04	MW4	↓	↓	↓	↓	↓	9/18/01	12:35	↓							↓	↓	↓	
05	MW6	↓	↓	↓	↓	↓	9/18/01	14:10	↓							↓	↓	↓	
06	MW7	↓	↓	↓	↓	↓	9/18/01	9:41	↓							↓	↓	↓	
07	MW8	↓	↓	↓	↓	↓	9/18/01	13:26	↓							↓	↓	↓	

MK

Comments:
* Ferrous Iron Preserve upon arrival
** Fuel Finger Print as Diesel & Motor Oil w/ filtration by 0.7 Micron Glass TCLP Filter followed by Silica Gel Cleanup by EPA Method 3630B without Solvent Exchange"

Condition of Sample:

Temperature Received:

Relinquished by	Date	Time	Received by	Date	Time
Ru Guy	9/18/01	15:05	Kevin Ch	9/18/01	1505
Kevin Ch	9/18/01	1700			
			Received by laboratory		

Mail original Analytical Report to:
IT Corporation
1921 Ringwood Avenue
San Jose, CA 95131-1721 [X]
[ ]
[ ]
[ ]

Turnaround Time:
Priority Rush (1 day) [ ]
Rush (2 days) [ ]
Expedited (5 days) [ ]
Standard (10 days) [X]
As Contracted [ ]

FIELD SERVICES REQUEST

SITE INFORMATION FORM

Identification

Project # 805385-01000000
Station ID Former Dorr-Olive Site
Site Address: 2901 Glascock St.
Oakland
Lab: Sequoia
County: Alameda
Project Manager: Andrew D. Lehane
Requester: ADL
Client: Glascock Street Properties
Client P.O.C: Dennis Buran
Date of Request: ~~December~~ 11, 2000

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~~ WEEK OF 9-17

Site Check Appropriate Category

☒ In Budget Visit
☐ Out of Budget Site Visit

Budget Hours: 8 Hrs
Actual Hours:
Mob de Mob:

Site Safety Concerns

STANDARD

Field Tasks General Description

Quarterly M&S, Months 3,6,9,12 WEARHOUSE 510)5301788

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) and oxidation reduction potential (ORP) readings from MW-1, 2, and 6 **before & after** purging. Request analysis for the following on normal TAT:

Quarterly, all wells — TPPH-g, TEPH-d*, TEPH-mo*, BTEX, MtBE, nitrates, sulfates, *ferrous iron *PRESERVE UPON ARRIVAL

Annually (1st qtr), MW-6 and MW-8 — cadmium, chromium, lead, nickel, zinc, and chlorinated hydrocarbons (8010)

* Request on COC "Fuel Fingerprint as diesel and motor oil with filtration by 0.7 micron glass TCLP filter followed by silica gel clean-up by method 3630B without solvent exchange"

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:_____ **Date:**_____

Pacific Environmental Group, Inc.

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FIELD REPORT

DEPTH TO WATER/SEPARATE-PHASE HYDROCARBON SURVEY

PROJECT No.: 805385 LOCATION: 2901 Glascock St DATE: 9/18/01

CLIENT/STATION NO.: Oliver Site FIELD TECHNICIAN: Renee Varia DAY OF WEEK: Tuesday

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	08:46	X	X	X	X	X	19.80	8.46 / 8.46	8.75 / 8.75										
	MW2	09:40						17.75	8.30 / 8.30	8.68 / 8.68										
	MW3	08:37						19.80	6.92 / 6.92	7.34 / 7.34										
	MW4	09:50						19.70	8.28 / 8.20	8.63 / 8.63										
	MW6	08:56						19.50	9.0 / 9.0	9.6 / 9.6										
	MW7	08:30						17.75	5.44 / 5.44	5.89 / 5.89										
	MW8	08:54	X	X	X	X		17.70	8.82 / 8.82	9.42 / 9.42										

Comments:

FIELD DATA SHEET

WATER SAMPLE FIELD DATA SHEET

PROJECT No.: 805385 LOCATION 2901 Glascock st WELL ID #: MW-1

CLIENT/STATION No.: Foor-Oliver Site FIELD TECHNICIAN: R. Guevara

WELL INFORMATION

Depth to Liquid: ____ TOB ____ TOC
Depth to water: 8.75 TOB 9.46 TOC
Total depth: ____ TOB 19.80 TOC
Date: 9/18/01 Time (2400): ____

Probe Type and I.D. #
- [x] Oil/Water interface ____
- [ ] Electronic indicator ____
- [ ] Other; ____

CASING DIAMETER	GAL/LINEAR FT.
[x] 2	0.17
[ ] 3	0.38
[ ] 4	0.66
[ ] 5	0.83
[ ] 5	1.02
[ ] 6	1.5
[ ] 8	2.6

SAMPLE TYPE
- [x] Groundwater
- [ ] Duplicate
- [ ] Extraction well
- [ ] Trip blank
- [ ] Field blank
- [ ] Equipment blar
- [ ] Other; ____

TD 19.80 - DTW 8.46 = 11.34 x Gal/Linear Foot .17 = 1.92 x Number of Casings 3 = Calculated Purge 6.0

DATE PURGED: 9/18/01 START: 11:18 END 2400 hr: ____ PURGED BY: R. Guevara
DATE SAMPLED: 9/18/01 START: 11:54 END 2400 hr: ____ SAMPLED BY: R. Guevara

TIME (2400 hr)	VOLUME (gal.)	pH (units)	E.C. (umhos/cm @ 25°C)	TEMPERATURE (°F)	COLOR	TURBIDITY	ODOR
11:34	2	7.81	1218	17.7	Cloudy	Light	Mod
11:42	4	7.51	1189	17.6	Cloudy	Light	Mod
11:45	6	7.43	1179	17.6	Cloudy	Light	Mod

Pumped dry Yes / (No)

Color: Clear, Dark, Cloudy, Yellow, Brown
Turbidity: Heavy, Moderate, Light, Trace
Odor: Strong, Moderate, Faint, None

FIELD MEASUREMENTS AT TIME OF SAMPLE, AFTER RECHARGE

DTW: ____ TOB/TOC ____

PURGING EQUIPMENT/I.D. #
- [x] Bailer: ____
- [ ] Centrifugal Pump: ____
- [ ] Air Lift Pump: ____
- [ ] Dedicated: ____
- [ ] Other: ____

SAMPLING EQUIPMENT/I.D. #
- [x] Bailer: ____
- [ ] Dedicated: ____
- [ ] Other: ____

SAMP. CNTRL #	DATE	TIME (2400)	No. of Cont.	SIZE	CONTAINER	PRESERVE	ANALYTICAL PARAMETER
MW-1	9/18/1	11:54	3	40ml	VOA	HCL	Gas, BTEX, MTBE
			2	1L	Amb	NP	TPH-D, TPH-MO
			1	500	Plast	NP	Nitrate, Sulfate
			1	500	Plast	NP	Ferrous Iron
				1L	Plast	H2O3	Metals

REMARKS: DO: 8.13
ORP: -54 / -86

All Samples Taken

SIGNATURE: [signature]

the igroup

FIELD DATA SHEET

WATER SAMPLE FIELD DATA SHEET

PROJECT No.: 805385 LOCATION 2901 Glascock St WELL ID #: MW-2

CLIENT/STATION No.: Foer Oliver Site FIELD TECHNICIAN: R. Guevara

WELL INFORMATION

Depth to Liquid: ——— TOB ——— TOC
Depth to water: 8.08 TOB 8.30 TOC
Total depth: ——— TOB 17.75 TOC
Date: ——— Time (2400): ———

Probe Type and I.D. #
- [x] Oil/Water interface ———
- [ ] Electronic indicator ———
- [ ] Other; ———

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

SAMPLE TYPE
- [x] Groundwater
- [ ] Duplicate
- [ ] Extraction well
- [ ] Trip blank
- [ ] Field blank
- [ ] Equipment blank
- [ ] Other; ———

TD 17.75 - DTW 8.30 = 9.45 x Gal/Linear Foot .17 = 1.60 x Number of Casings 3 = Calculated Purge 5.0

DATE PURGED: 9/18/01 START: 10:40 END (2400 hr): ——— PURGED BY: R. Guevara
DATE SAMPLED: 9/18/01 START: 11:07 END (2400 hr): ← SAMPLED BY: R. Guevara

TIME (2400 hr)	VOLUME (gal.)	pH (units)	E.C. (umhos/cm @ 25°C)	TEMPERATURE (°F)	COLOR	TURBIDITY	ODOR
10:53	1.5	6.82	1416	17.9	Cloudy	Mod	Strong
10:56	3.0	6.87	1434	17.8	Cloudy	Mod	Strong
10:59	5.0	6.97	1438	17.5	Cloudy	Mod	Strong

Pumped dry Yes / (No)

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

FIELD MEASUREMENTS AT TIME OF SAMPLE, AFTER RECHARGE:

DTW: ——— TOB/TOC ———

PURGING EQUIPMENT/I.D. #
- [x] Bailer: ———
- [ ] Centrifugal Pump: ———
- [ ] Other: ———
- [ ] Airlift Pump ———
- [ ] Dedicated ———

SAMPLING EQUIPMENT/I.D. #
- [x] Bailer ———
- [ ] Dedicated: ———
- [ ] Other ———

SAMP. CNTRL #	DATE	TIME (2400)	No. of Cont.	SIZE	CONTAINER	PRESERVE	ANALYTICAL PARAMETER
MW-2	9/18/01	11:07	3	40ml	VOA	HCL	Gas, BTEX, MTBE
"	"	"	2	1L	Amb	NP	TPH-D, TPH-MO
"	"	"	1	500	Plast	NP	Nitrate, Sulfate
"	"	"	1	500	Plast	NP	Ferrous Iron
				1L	Plast	HNO3	Metals

REMARKS: DO: 2, 2
ORP: -73, -91
All Samples Taken

SIGNATURE: ———

the igroup

FIELD DATA SHEET

WATER SAMPLE FIELD DATA SHEET

PROJECT No.: 805385 LOCATION 2901 Glascock st WELL ID #: MW-3

CLIENT/STATION No.: Foer. Oliver Site FIELD TECHNICIAN: R. GUEVARA

WELL INFORMATION

Depth to Liquid: ——— TOB ——— TOC
Depth to water: 7.34 TOB 6.92 TOC
Total depth: ——— TOB 15.80 TOC
Date: 9/18/01 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 1980 - DTW 6.92 = 12.88 x Gal/Linear Foot .17 = 2.18 x Number of Casings 3 = Calculated Purge 7.0

DATE PURGED: 9/18/01 START: 10:00 END (2400 hr): ——— PURGED BY: R. GUEVARA

DATE SAMPLED: 9/18/01 START: 10:30 END (2400 hr): ——— SAMPLED BY: R. GUEVARA

TIME (2400 hr)	VOLUME (gal.)	pH (units)	E.C. (µmhos/cm @ 25°C)	TEMPERATURE (° F)	COLOR	TURBIDITY	ODOR
10:10	2.5	7.01	1186	17.9	Clear	Trace	Mod
10:16	5.0	6.87	1170	17.9	Clear	Trace	Mod
10:20	7.0	6.86	1169	17.9	Clear	Trace	Mod

COLOR: 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: ———
- ☐ Centrifugal Pump: ———
- ☐ Airlift Pump: ———
- ☐ Dedicated: ———
- ☐ Other: ———

SAMPLING EQUIPMENT/I.D. #
- ☑ Bailer: ———
- ☐ Dedicated: ———
- ☐ Other: ———

SAMP. CNTRL #	DATE	TIME (2400)	No. of Cont.	SIZE	CONTAINER	PRESERVE	ANALYTICAL PARAMETER
MW-3	9/18/01	10:30	3	40ml	VOA	HCL	GAS, BTEX MTBE
			2	1L	Amb	NP	TPH-D, TPH-MO
			1	500	Plast	NP	Nitrate, Sulfate
			1	500	Plast	NP	FERROUS IRON
				1L	Plast	HNO3	Metals

REMARKS: DO:
ORP:
All Samples Taken

SIGNATURE: ———

the igroup

FIELD DATA SHEET

WATER SAMPLE FIELD DATA SHEET

PROJECT No.: 805385 LOCATION 2901 Glascock st WELL ID #: MW-4

CLIENT/STATION No.: Torr Oliver Site FIELD TECHNICIAN: R. GUEVARA

WELL INFORMATION

Depth to Liquid: ——— TOB ——— TOC
Depth to water: 8.63 TOB 8.20 TOC
Total depth: ——— TOB 19.70 TOC
Date: 9/18/01 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 blan
☐ Other;

TD 19.70 - DTW 8.20 = 11.5 x Gal/Linear Foot .17 = 1.95 x Number of Casings 3 = Calculated Purge 6.00

DATE PURGED: 9/18/01 START: 12:05 END (2400 hrs): ——— PURGED BY: R. GUEVARA
DATE SAMPLED: 9/18/01 START: 12:35 END (2400 hrs): ——— SAMPLED BY: R. GUEVARA

TIME (2400 hr)	VOLUME (gal.)	pH (units)	E.C. (umhos/cm @ 25°C)	TEMPERATURE (°F)	COLOR	TURBIDITY	ODOR
12:12	2	7.52	719.4	17.3	cloudy	Mod	Faint
12:16	4	7.29	721.9	17.3	cloudy	Mod	Faint
12:25	6	7.22	719.3	17.3	cloudy	Mod	Faint

Pumped dry Yes (No)

COLOR: Clear, Cloudy, Yellow, Brown — TURBIDITY: NTU 0-200, Heavy, Moderate, Light, Trace — ODOR: Strong, Moderate, Faint, None

FIELD MEASUREMENTS AT TIME OF SAMPLE, AFTER RECHARGE:

DTW: → TOB/TOC ———

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

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

SAMP. CNTRL #	DATE	TIME (2400)	No. of Cont.	SIZE	CONTAINER	PRESERVE	ANALYTICAL PARAMETER
MW-4	9/18/01	12:35	3	40ml	VOA	HCL	Gas, BTEX MTBE
			2	1L	Amb	No	TPH-D, TPH-MO
			1	500	Plast	No	Nitrate, Sulfate
			1	500	Plast	No	Ferrous Iron
				1L	Plast	HNO3	Metals

REMARKS: DO:
ORP:
All Samples Taken
Lost Bailer Down well

SIGNATURE: [signature]

the i group

FIELD DATA SHEET

WATER SAMPLE FIELD DATA SHEET

PROJECT No.: 805385 LOCATION 2901 Glascock st WELL ID #: MW-6

CLIENT/STATION No.: Foss. Oliver Site FIELD TECHNICIAN: R. GUEVARA

WELL INFORMATION

Depth to Liquid:	TOB	TOC
Depth to water:	6.6 TOB	9.0 TOC
Total depth:	TOB	19.50 TOC
Date: 9/18/01	Time (2400):	

Probe Type and I.D. #
- [x] Oil/Water interface
- [ ] Electronic indicator
- [ ] Other;

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

SAMPLE TYPE
- [x] Groundwater
- [ ] Duplicate
- [ ] Extraction well
- [ ] Trip blank
- [ ] Field blank
- [ ] Equipment blar
- [ ] Other;

TD 19.50 - DTW 9.0 = 10.5 x Gal/Linear Foot .17 = 1.78 x Number of Casings 3 Calculated = Purge 5.5

DATE PURGED: 9/18/01 START: 13:39 END (2400 hr): PURGED BY: R. GUEVARA

DATE SAMPLED: 9/18/01 START: 14:10 END (2400 hr): SAMPLED BY: R. GUEVARA

TIME (2400 hr)	VOLUME (gal.)	pH (units)	E.C. (umhos/cm @ 25°C)	TEMPERATURE (°F)	COLOR	TURBIDITY	ODOR
13:49	2	7.04	1342	17.2	yellow	moderate	Moderate
13:53	4	7.06	1339	17.1	yellow	moderate	Moderate
14:00	5.5	7.09	1336	17.1	yellow	moderate	Moderate

Pumped dry Yes / (No)

Color: Clear, Yellow, Brown, Green, Grey
Turbidity: None, Slight, Moderate, Heavy
Odor: Strong, Moderate, Faint, None

FIELD MEASUREMENTS AT TIME OF SAMPLE, AFTER RECHARGE

DTW: TOB/TOC

PURGING EQUIPMENT/I.D. #
- [x] Bailer:
- [ ] Centrifugal Pump:
- [ ] Other:
- [ ] Air lift Pump
- [ ] Dedicated:

SAMPLING EQUIPMENT I.D. #
- [x] Bailer:
- [ ] Dedicated:
- [ ] Other:

SAMP. CNTRL #	DATE	TIME (2400)	No. of Cont.	SIZE	CONTAINER	PRESERVE	ANALYTICAL PARAMETER
MW-6	9/18/01	14:00	3	40ml	Voa	HCL	Gas, BTEX, MTBE
"	"	"	2	1L	Amb	NP	TPH-D, TPH-MO
"	"	"	1	500	Plast	NP	Nitrate, Sulfate
"	"	"	1	500	Plast	NP	Ferrous Iron
				1L	Plast	HNO3	Metals

REMARKS: DO: 3, 2

ORP: -53, -112

All Samples Taken

SIGNATURE:

the igroup

FIELD DATA SHEET

WATER SAMPLE FIELD DATA SHEET

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

CLIENT/STATION No.: Foer Oliver Site FIELD TECHNICIAN: Ruben Guevara

WELL INFORMATION

Depth to Liquid: ——— TOB ——— TOC
Depth to water: 5.89 TOB 5.44 TOC
Total depth: ——— TOB 17.75 TOC
Date: 9/18/01 Time (2400): ———

Probe Type and I.D. #
- [x] Oil/Water interface ———
- [ ] Electronic indicator ———
- [ ] Other; ———

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

SAMPLE TYPE
- [x] Groundwater
- [ ] Duplicate
- [ ] Extraction well
- [ ] Trip blank
- [ ] Field blank
- [ ] Equipment blank
- [ ] Other; ———

TD 17.75 - DTW 5.44 = 12.31 x Gal/Linear Foot .17 = 2.09 x Number of Casings 3 = Calculated Purge 6.5

DATE PURGED: 9/18/01 START: 09:05 END (2400 hr): ——— PURGED BY: R. Guevara

DATE SAMPLED: 9/18/01 START: 09:41 END (2400 hr): ——— SAMPLED BY: R. Guevara

TIME (2400 hr)	VOLUME (gal.)	pH (units)	E.C. (umhos/cm @ 25°C)	TEMPERATURE (° F)	COLOR	TURBIDITY	ODOR
09:20	2	6.18	1252	19.41	clear	clear	Faint
09:27	4	6.65	1226	19.6	clear	clear	Faint
09:31	6.5	6.72	1223	19.6	clear	clear	Faint

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. #
- [x] Bailer: ———
- [ ] Airlift Pump: ———
- [ ] Centrifugal Pump: ———
- [ ] Dedicated: ———
- [ ] Other: ———

SAMPLING EQUIPMENT/I.D. #
- [x] Bailer: ———
- [ ] Dedicated: ———
- [ ] Other: ———

SAMP. CNTRL #	DATE	TIME (2400)	No. of Cont.	SIZE	CONTAINER	PRESERVE	ANALYTICAL PARAMETER
MW-7	9/18/01	09:41	3	40ml	VOA	HCL	Gas, BTEX, MTBE
			2	1L	Amb	NP	TPH-D, TPH-MO
			1	500	Plast	NP	Nitrate, Sulfate
			1	500	Plast	NP	Ferrous Iron
				1L	Plast	HNO3	Metals

REMARKS: DO:
ORP: All Samples Taken

SIGNATURE: ———

the igroup

FIELD DATA SHEET

WATER SAMPLE FIELD DATA SHEET

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

CLIENT/STATION No.: Toer. Oliver Site FIELD TECHNICIAN: R. GUEVARA

WELL INFORMATION

Depth to Liquid: ____ TOB ____ TOC
Depth to water: 9.42 TOB 8.82 TOC
Total depth: ____ TOB 17.70 TOC
Date: 9/18/14 Time (2400): ____

Probe Type and I.D. #
- [x] Oil/Water interface ____
- [ ] Electronic indicator ____
- [ ] Other; ____

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

SAMPLE TYPE
- [x] Groundwater
- [ ] Duplicate
- [ ] Extraction well
- [ ] Trip blank
- [ ] Field blank
- [ ] Equipment blan
- [ ] Other; ____

TD 17.70 - DTW 8.82 = 8.88 x Gal/Linear Foot .17 = 1.50 x Number of Casings 3 Calculated = Purge 5.0

DATE PURGED: 9/18/14 START: 13:05 END (2400 hr): ____ PURGED BY: R. GUEVARA

DATE SAMPLED: 9/18/14 START: 13:26 END (2400 hr): ____ SAMPLED BY: R. GUEVARA

TIME (2400 hr)	VOLUME (gal.)	pH (units)	E.C. (umhos/cm @ 25°C)	TEMPERATURE (°F)	COLOR	TURBIDITY	ODOR
13:09	1.5	7.63	1897	18.0	Cloudy	Trace	Faint
13:12	3.0	7.50	1969	17.7	Cloudy	Trace	Faint
13:16	5.0	7.49	1961	17.7	Cloudy	Trace	Faint

COLOR: Clear, Brown, Dark Brown, Cloudy, Yellow, Grey
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. #
- [x] Bailer: ____
- [ ] Centrifugal Pump: ____ [ ] Airlift Pump ____ [ ] Dedicated ____
- [ ] Other: ____

SAMPLING EQUIPMENT/I.D. #
- [x] Bailer: ____
- [ ] Dedicated: ____
- [ ] Other: ____

SAMP. CNTRL #	DATE	TIME (2400)	No. of Cont.	SIZE	CONTAINER	PRESERVE	ANALYTICAL PARAMETER
MW-8	9/18/14	13:26	3	40ml	VOA	HCL	GRO, BTEX, MTBE
			2	1L	Amb	NP	TPH-D; TPH-MO
			1	500	PLAST	NP	Nitrate, Sulfate
			1	500	PLAST	NP	FERROUS IRON
				1L	PLAST	HNO3	METALS

REMARKS: DO:
ORP:
All Samples Taken

SIGNATURE: [signature]

the igroup

PROJECT No. 805385

Chain of Custody

the i group
IT Corporation
1921 Ringwood Avenue
San Jose, CA 95131-1721
Office 408.453.7300 Fax 408.437.9526

Facility No: Former Por Oliver Site

Facility Address: 2901 Glasscock St Oakland

CLIENT engineer: Dennis Buran

PACIFIC Point of Contact: Andrew [illegible]

Sampler: Ruben [illegible]

Billing Refence Number:

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	*Ferrous Iron	Nitrates Sulfates 300.0
MW1	7	40ml / 500	HCl/NP	W	G	9/18/01	11:54	X							X	X	X
MW2						9/18/01	11:07										
MW3						9/18/01	10:30										
MW4						9/18/01	12:35										
MW6						9/18/01	14:10										
MW7						9/18/01	9:41										
MW8						9/18/01	13:26										

Comments:
* Ferrous Iron Preserve upon arrival

" Fuel Finger Print as Diesel & Motor Oil w/ filtration by 0.7 Micron Glass TCLP Filter followed by Silica Gel Clean by EPA Method 3630B without Solvent Exchange"

Condition of Sample:

Temperature Received:

Relinquished by	Date	Time	Received by	Date	Time
Ru Guy	9/18/01	15:05	Kevin [illegible]	9/18/01	15:05
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:

IT Corporation
1921 Ringwood Avenue
San Jose, CA 95131-1721 [X]

Turnaround Time:

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